

EESTI STANDARDIKESKUS

EV S T E A T A J A

12/2002

Ilmub üks kord kuus alates 1993. aastast

ISSN 1406-0698

CEN AASTAKOOSOLEKUL
VORDLUSMÕÖTMISED
EV S / T K 4 - VIIS AASTAT

UUT RAAMKOGUNDUSE STANDARDMISES

EV S

EVS Teataja

EESTI STANDARDIKESKUSE
igakuine ametlik väljaanne

10. aastakäik
ISSN 1406-0698

Toimetuse aadress
ARU 10
TALLINN 10317

Toimetaja Anne Laimets
Tel 605 5055
Faks 605 5070
anne@evs.ee

Tellimine ja müük:
Eesti Standardikeskus
Aru 10 Tallinn 10317
Tel 605 5060, 605 5061
Faks 605 5070
myyk@evs.ee

Trükk: Eesti Standardikeskus

EESTI UUDISED

5. novembril toimus Standardikeskuse Nõukoja koosolek. Nõukoja uueks liikmeks võeti Ehitusmaterjalide Tootjate Liidu tegevdirektor Enno Rebane ja muutus Standardikeskuse esindaja Nõukojas. Uueks esindajaks nimetati TK spetsialist Heiki Aasmann.

Küideti heaks EVS/TK 19 Kõrgepinge registreerimine ja järgmiste algupäraste standardite koostamisetepanekud:

- Ehituskonstruksioonide koormused. Osa 1-5: Üldkoormused. Termilised koormused
- Ehituskonstruksioonide koormused. Osa 2: Sildade transpordikoormused
- Teraskonstruksioonide projekteerimine. Osa 1-1: Üldist. Üldised reeglid
- Müüritiseelementide esitatavad nõuded. Osa 1: Krohvi- ja kipskrohvisegud
- Müüritiseelementide esitatavad nõuded. Osa 2: Müüritismört
- Müüritiseelementidele esitatavad nõuded. Osa 1: Savitellistest müüritise elementid
- Müüritiseelementidele esitatavad nõuded. Osa 2: Silikaattellistest müüritise elementid
- Müüritiseelementidele esitatavad nõuded. Osa 3: Betoonplokkidest müüritise elementid (raskebetoon ja kergbetoon)
- Müüritiseelementidele esitatavad nõuded. Osa 4: Autoklaavitud mullbetoonplokkidest müüritise elementid
- Müüritiseelementidele esitatavad nõuded. Osa 5: Kiviplokkidest müüritise elementid
- Ehitusprojekti seletuskiri
- Raudtee reisiplatvormid

20. oktoobril toimus Standardikeskuses seminar "Standardimine ehitussektoris". Seminar oli ehitusvaldkonnas tegutsevatele ettevõtetele ja selle eesmärk oli anda üldine ülevaade EN Eurokoodeksitest, uuest ehitusseadusest ning standardimisprotsessist ehitusvaldkonnas. Lektorid olid Malle Port ja Janne Kurg Majandus- ja Kommunikatsiooniministeeriumist, Enno Rebane Eesti Ehitusmaterjalide Tootjate Liidust, EVS/TK 15 esimees Kalev Koort, EVS/TK 2 esimees Toomas Laur ja Kaido Rajur Eesti Standardikeskusest.

12. novembril külastas Norra bi-lateraalse projekti raames EVSi AS Pronormi tegevjuht Magne J. Kalstad. AS Pronorm on Norra Standardi Assotsiatsiooni sõsarettevõtte, mis tegeleb Norra ja rahvusvaheliste standardite müügiga. Visiidi eesmärgiks oli tutvustada standardite müügi trende ja tehnoloogiaid Norras. Diskussioonide ja arutelude abil jõuti ka määratleda standardite müügi võimalusi ja -viise EVSi.

Sama projekti raames külastas 22. novembril EVSi IT süsteemi konsultant Terje Martinsen Norra Standardi Assotsiatsioonist. Terje Martinseni visiit oli suunitletud tutvustamiseks Norras kasutatavat andmebaasi lahendust ning tutvumaks EVSi standardite andmebaasiga edasiste lahenduste väljatöötamiseks.



Kätte on jõudnud aasta viimane kuu, mil kiiruga lõpetatakse veel selleks aastaks planeeritud, vaadatakse tagasi tehtule ja tehakse plaane uueks aastaks. Standardikeskuse jaoks oli lõppev aasta teguderohke. Laienes standardimise kandepind - loodi seitse uut tehnilist komiteed, koostööpartnerite arv suurenes kolme võrra. Lõplike kokkuvõtete tegemine seisab küll alles ees.

Ka rahvusvahelistes ja Euroopa standardiorganisatsioonides tehti möödunud aastast kokkuvõtteid ja plaane järgmiseks. Eelmises numbris kirjutasime ISO Peaassambleest, selles numbris on Sven Kasemaa sulest lugeda CEN Aastakoosolekust, loodetavasti järgmisest saate ülevaate Pekingis toimunud IEC Peaassambleest. Infotehnoloogia tehnilisel komiteel täitus oktoobris viies tegevusaasta. Komitee jätkab aktiivset ja edukat tegutsemist nagu võite lugeda TK sekretäri Taavi Valdlo artiklist.

Raamatukogutöö standardimise ISO tehnilise komitee koosolekust kirjutab Anu Nuut ning võrdlusmõõtmistest vihtide kalibreerimisel teevad ülevaate Viktor Vabson ja Toomas Kübarsepp. Vaadake ka oma valdkonna arvamusküsitlusele pandud standardikavandeid.

Soovime et saaksite oma aastalõpu tööde ja tegevustega varakult valmis, siis on aega ka pühi pidada!

Anne Laimets
anne@evs.ee

Norra bi-lateralse projekti üldeesmärk on tugevdada vabatahtliku standardimise arengut Balti riikides. Projekti alameesmärgina võib nimetada rahvuslike standardiorganisatsioonide toimivuse ja protsesside parendamist, saavutamaks CEN/CENELEC täisliikmelisust. Projekti teine faas kestab 2003. aasta aprillini.

14. novembril kohtus Valgevene peakonsul Petr Krechko EVS tegevdirektor Sven Kasemaaga. Kohtumisel arutati EVS võimalikku koostööd Valgevene standardiorganisatsiooniga. Arvestades EVS'i ja üldisemas plaanis kogu Eesti arengut viimastel aastatel ning pürgimist Euroopa Liitu, on Eesti standardijatel juba hulgaliselt teadmisi ja kogemusi, mida Valgevene kolleegidega jagada.

25. - 27. novembril viibisid EVS'is SIDA projekti raames Rootsi Standardiinstituudi konsultandid Folke Hermanson Snickars ja Jan-Olof Gustavi. Kolme päeva jooksul arutati nii projekti üldist kulgu ja tegevusi, kui ka konkreetsemalt EVS teenuste paketi välja töötamist ning teenuste edasist levitamist. Visiidi käigus kohtuti Andreas von Uexkülliga Rootsi Suursaatkonnast, Mailis Pukoneniga Eurointegratsiooni Büroost, Ville Arumäega Eesti Masinatööstuse Liidust, Thea Palmi ja Ingrid Tavitsaga Majandus- ja Kommunikatsiooniministeeriumist ning Kristina Tshistovaga Eesti Kaubandus-Tööstuskoja Euroinfokeskusest. Projekti järgmises faasis on kavas koostada standardimise teadlikkuse suurendamise plaan ning koolitada EVS töötajaid pädevateks lektoriteks. Projekt lõppeb järgmise aasta veebruarikuus seminariga EL infokeskustele ning Eesti tööstuse esindajatele.

Teede ja Sideministri 31.10.2002 määrusega nr 71 kehtestati Raadiosaateseadmete kasutamise üldised nõuded TETRA standardile põhinevate operatiivraadioside mobiilterminalide klassile RTL, 12.11.2002, 125, 1828

§ 4. Tehnilised näitajad

(1) TETRA mobiilterminali tehniliste näitajate puhul lähtutakse tehnilise normi täitmiseks Euroopa Telekommunikatsiooni Standardite Instituudi (ETSI) standardi ETSI EN 303 035-1 nõuetest. Tehnilise normi täitmiseks võib lähtuda ekvivalentsetest standarditest või tehnilistest spetsifikaatidest.

(2) Otseside TETRA mobiilterminali tehniliste näitajate puhul lähtutakse tehnilise normi täitmiseks Euroopa Telekommunikatsiooni Standardite Instituudi (ETSI) standardi ETSI EN 303 035-2 nõuetest. Tehnilise normi täitmiseks võib lähtuda ekvivalentsetest standarditest või tehno spetsifikaatidest.

CEN AASTAKOOSOLEKUL

CEN Aastakoosolek toimus 9. - 11. oktoobril Lissabonis, Portugalis. Seekordne rõhuasetus oli väikeste ja keskmise suurusega ettevõtete (SME) osalemisel standardimises. Avasõnad lausus Portugali standardiorganisatsiooni direktor Carlos Canopa. Portugalis on firmasid ca 300000, millest 90% on SME-d.

Oma lühikeses avakõnes tõi CEN president C. Beckervordersandforth välja SME-de tähtsa rolli töökohtade looja ning innovaatiliste ideede rakendajana. Ohuks nimetas ta suurenevat bürokraatiat. Standardite väljatöötamisel on tähtsamaks suunaks teenuste standardimine, sest just teenindussfääris tegutseb suur osa SME-sid.

Ettevõtjate poolt esines ettekandega **Peter Vesterdorf** (Taani). Põhilised probleemid on seotud standardite tõlkimise ning selle alafinantseerimisega. Oma ettekandes tegi ta ettepaneku, et suuremad firmad võiksid toetada neile allhanke korras töid tegevate SME-de osalemist standardimises.

Standardite kasutamine tehnilises normis on tekitanud konflikti äri- ja riigihuvide vahel. Kui riigid on otsustanud rakendada uue lähenemisviisi põhimõtteid, siis peaksid nad mõtlema ka nende rakendamisele.

Ettevõtjaid ühendavate või koondavate ühenduste nagu **CECIMO** ja **FIEC esindajad** töid oma ettekannetes välja peamised takistused SME-de osalemisel standardimises. Märksõnadena jäid kõlama aja ja rahaliste ressurside nappus, vähene mõjuvõim, konsensus saavutamise raskus koosolekul ja ebapiisavad teadmised CE märgistusest.

Ka Euroopa Komisjoni (EK) liikme **Erkki Liikanen'i** sõnavõtt oli adresseeritud väikestele ja keskmistele ettevõtetele. Hr Liikanen rõhutas, et standardijatel on täita tähtis roll regulatoorse baasi loomisel väikestele ja keskmistele ettevõtetele ning standardid on hädavajalikud e-Euroopa toimimiseks. EK toetuse prioriteetideks on tarbijate osalemine standardimises ning keskkonnakaitsega tegelevate huvipoolte kaasamine. Huvipakkuvaks võib pidada ka raportit "*European Commission report on European competitiveness*", millest selgub, et Euroopa konkurentsivõime jääb alla USA arengule ning ka tööjõu tootlikkuse näitajad on samuti kesisemad.

Hr Liikanen oli rahul, et standardimise huvitatud osapooled saavad osa võtta standardite koostamisest, kuid nentis ka, et sellest võimalusest ei olda nii teadlikud kui peaks olema. Probleemiks on ka standardite koostamisest osavõtu rahastamine.

Erkki Liikaneni sõnul asutas Euroopa Komisjon organisatsiooni

NORMAPME (*European Office of Craft/Trades and Small and Medium-sized Enterprises for Standardisation*), kes pakub SME-dele võimalust saada toetust osalemaks Euroopa standardimises.

NORMAPME on CEN toetajaliige.

Positiivselt märkis ta ka Euroopa standardite (EN) alla kuuluvaid kiiremalt valmivad standardilaadseid dokumente nagu nt *CEN Workshop Agreement (CWA)*, mis on juba tõestanud oma väärtust info- ja sidetehnoloogias ning mitmes teises CEN käsitusallas.

CEN juhtimine ja aruandlus

Tegevusaruande põhjal on CEN liikmete arv täna suurenenud juba 22-ni.

2003. a jaanuarist saavad täieõiguslikuks CEN liikmeks Ungari ja Slovakkia standardiorganisatsioonid. Kolmteist Kesk- ja Ida-Euroopa riiki saavad loodetavasti CEN liikmeteks lähemate aastate jooksul.

Pidevalt on probleemiks olnud Euroopa standardite väljatöötamise aeg. Hetkel on EN-i keskmine koostamisaeg viis ja pool aastat, mida soovitakse lühendada kolmele aastale. CEN juhtimiskeskuses rakendatakse käesoleval ajal ISO 9001 kvaliteedijuhtimissüsteemi, mille välisaudit peaks toimuma järgmise aasta alguses.

Uus elektrooniline häältesüsteem viibib, see projekt loodetakse lõpetada 2003. a alguses. Plaanitakse välja anda käsiraamat standardite kasutamisest riigihangetes (kaitsetööstus, sõjavägi), mille väljatöötamist finantseeris Euroopa Komisjon.

Üheks aastakoosoleku teemaks oli CEN uus juhtimissüsteem

Uus juhtimissüsteem on vajalik uute liikmete integreerimiseks, keskendumiseks põhitegevusele ja ressurside optimeerimiseks, aga ka suurte ja väikeste liikmete tasakaalustatud esindatuse tagamiseks.

CEN liikmete grupid on samuti uued. Nüüd on CEN-il liikmeid nelja liiki: täisliikmed, liitunud liikmed, partner- ja kirjavahetajaorganisatsioonid. Uueks grupiks on partnerorganisatsioonid. Need organisatsioonid, kes on huvitatud Euroopa standardite kasutuselevõtust, kuid kes ei saa/soovi mingil põhjusel saada CEN liikmeks.

Peassamblee vaheaegadel juhib CEN-i **Administratiivnõukogu** (*Administrative Board CA*), mis koosneb kõikide liikmesriikide esindajatest. Kohtumised toimuvad kaks korda aastas, enamus otsuseid võetakse vastu kirja teel.

Edaspidi hakkavad seda nõukogu nõustama kaks konsultatiivkomiteed, kes valmistavad otsused ette. Enamus otsuseid on kavas vastu võtta elektrooniliselt.

Finants konsultatiivkomitee asepresidendi juhtimisel hakkab ette valmistama ja jälgima CEN finantspoliitikat, eelarvet, arveid, makse (s.h liikmemakse) ning CEN ja selle liikmete ning Euroopa Komisjoni ja EFTA vahelisi finantssuhteid. See komitee hakkab jälgima ka standardite müügipoliitikat.

Komitee liikmete arv on piiratud, nad valitakse kaheks aastaks kaalutud häältega ning nimetatakse CA otsuse alusel.

Kuni 2002. a lõpuni juhatab selle komitee tööd D. Lazenby (Ühendkuningriik) ja alates 2003. a J.A.Wesseldijk (Holland), kes on ka ühtlasi alates jaanuarist 2003 kuni detsembrini 2005 CEN-i asepresident finantside alal.

Välispoliitika konsultatiivkomitee asepresidendi juhtimisel jälgib CEN välispoliitikat seoses Euroopa poliitilise keskkonnaga. Komitee valmistab ette vastuseid EÜ ja EFTA initsiatiividele ja koostööd teiste Euroopa ja rahvusvaheliste organisatsioonidega.

Ta jälgib rahvuslike standardiorganisatsioonide "välissuhete võrgustikku". Komiteed juhib AFNOR (Prantsusmaa) peadirektor A.Bryden.

Hetkel kui see kirjutis trükki läks, on teatavaks saanud, et A. Bryden valiti ka ISO uueks peasekretäriks. Vt ka lk 18

Kolmas CEN alussammas on **Tehnika-nõukogu** (*Technical Board*), kes tegeleb standardimisprogrammiga, ja mida juhib J. Holmblad (Taani).

CEN uue struktuuri eesmärk on paremini keskenduda oma põhitegevusele - Euroopa tööstuse ja teaduse arenemisele kaasaaitamisele vastavate standardite kiirema koostamisega. Euroopa standardid on olulised tegurid ühisturu arengus ja Euroopa säästvas arengus.

Edasist muudatust plaanitakse kaalutud häälte ja otsuste sidumise osas ning liikmemaksude struktuuris, et saavutada täpsem tasakaal liikmemaksu suuruse ja häälte arvu osas.

Allakirjutanu hinnangul võib see tähendada aastatel 2005 - 2006 CEN-i väiksemate liikmete liikmemaksude suurenemist.

Kinnitati veel CEN 2001. aasta majandustulemused, mis olid kergelt positiivses trendis võrreldes eelarvega.

Kiideteti heaks 2003. aasta eelarve. Liikmemaksu ühiku väärtus jäi aastaks 2002 samale tasemele eelmise aastaga.

Järgmise aasta CEN Aastakoosolek toimub 10. oktoobril Berliinis.

Liitunud liikmete ümarlauad, mida juhatab Albaania standardiorganisatsiooni direktor A. Nati, toimus 11. oktoobri ennelõunal.

CEN esindajate poolt korrati üle struktuurimuudatuste ning konsultatiivkomiteede roll. Teavitati liikmemaksude läbivaatamise kavast. Kusjuures liikmemaksude suuruse määramiseks

soovitakse need siduda kindlate näitajatega, nagu SKP, elanike arv jne.

Arutati, kas on vaja jätkata seniste CEN liitunud liikmete ümarlauaga.

Senise praktika kohaselt toimus kaks liitunud liikmete koosolekut aastas. Üks koosolek enne CEN ümarlauda, mis oli korraldatud ühe kandidaatlükme poolt ning teine oli CEN aastakoosoleku raames korraldatud ümarlaud.

Otsustati, et ei jätkata kolm aastat tagasi CEN kandidaatriikide poolt alustatud liitunud liikmete ümarlauaga ning piisab ühest kohtumisest CEN aastakoosoleku ajal.

Kohtumisel tein ettepaneku luua piiratud juurdepääsuga infovahetussüsteem (Livelink'is) CEN kodulehele, et liitunud liikmed saaksid sinna edastada oma eduaruanded ning kõikidel

CEN liikmetel oleks võimalik igal ajal tutvuda konkreetse riigi olukorraga.

Ettepanek leidis toetust ning edasiste sammude eest jäi vastutama koosoleku juhataja.

Käesolevaks ajaks ei ole täiendavat informatsiooni veel edastatud.

Lisainfot ja ettekannete materjale saab vaadata CEN kodulehelt

http://www.cenorm.be/news/agm_2002/agm.htm

Sven Kasemaa

EVS tegevdirektor

Pildil: CEN aastakoosolekust osavõtjad



UUS TEAVE KUTSUB KAASA LÖÖMA: IT STANDARDIMISE TEABEPÄEV

Eesti IT standardimise tehnilise komitee EVS/TK 4 eestvõtmisel toimus 15. novembril 2002 Küberneetika Majas IT standardimise teabepäev.

Kavas oli kaheksa pooltunnist ettekannet.

EVS/TK4 on tegutsenud juba 5 aastat, asutatud mäletatavasti 29. oktoobril 1997. Seni on TK 4 ettevalmistamisel ilmunud 43 Eesti standardit. Kristel Schwede Eesti Standardikeskusest pani teabepäeval üles väikese näituse senivalminud IT valdkonna standarditest ja muudest Standardikeskuse materjalidest. Huvilistel oli samas võimalus oste vormistada. Tänavu on TK 4 ettevalmistamisel Standardikeskusele üle antud veel alljärgnevad viis standardikavandit:

- ISO/IEC 13335-5 Infotehnoloogia. Infoturbe halduse suunised. Osa 5: Võrguturbe halduse suunised
- ISO/IEC TR 15504-9 Infotehnoloogia. Tarkvaraprotsesside hindamine. Osa 9: Sõnavara.
- ISO/IEC 9126-1 Tarkvaratehnika. Toote kvaliteet. Osa 1: Kvaliteedimudel
- ISO/IEC TR 9294 Infotehnoloogia. Tarkvara dokumentatsiooni halduse suunised
- ISO/IEC 17799 Infotehnoloogia. Infoturbe halduse menetluskoodeks

Infotehnoloogia standardimisalane aktiiv on Eestis välja kujunenud, kümnekond inimest on eriti tublid. Postiloendis *stand@riik.ee* on hetkel 56 liiget. Väärib märkimist, et IT standardimine on leidnud oma koha meie juhtivate kõrgkoolide õppekavades. Tallinna Tehnikaülikooli Informaatikainstituudi tarkvaratehnika õppetooli õppekavas on professor Jaak Tepandi (EVS/TK4

esimees) loengutsükkel "Tarkvara-kvaliteet ja standardid". Tartu Ülikooli Arvutiteaduse Instituudis loeb õppejõud Uuno Puus kursust "Informaatika standardid". Ka programmeerimiskeelte, infoturbe, arvutigraafika jm õpetamise juures ei pääse mööda standarditest. Mitmed viimase aja doktorid ja magistrid on teemavalikul pöördunud IT standardimise poole. IT standardimises osalemine on saamas ka Eesti teadlastele ja üliõpilastele üheks missioonitundelise ühiskondliku aktiivsuse ilmutamise võimaluseks.

Ka kõnesolev teabepäev oli suunatud standardimisalase töö ja mõtte elavdamisele.

Uuno Vallner Riigi infosüsteemide osakonnast tegi ettekande "Kodaniku IT keskkond: reeglid ja standardid infosüsteemidele". Kodaniku IT keskkond (KIT) on kõigile kodanikele Interneti veebilehitseja kaudu kasutatav infotehnoloogiliste vahendite kogum turvaliseks suhtluseks riigi ja kohalike omavalitsuste asutuste, eraettevõtete ning kolmanda sektori institutsioonide infosüsteemidega. Riigiasutuste veebilehete vormistamisel soovitatakse järgida W3C konsortsiumi töörühma Web Content Accessibility Guidelines Working Group soovitusi, vaata <http://www.w3.org/WAI/>

Raivo Ruusalepp Eesti Äriarhiivist rääkis dokumendihalduse seostest teiste infosüsteemidega. Ta lahkas mitmepalgelist dokumendihaldust, tutvustas erinevaid "haldamise" süsteeme. Saime teada, mis asi on *electronic records management system (ERMS)*. Eesti keelde tõlgitav dokumendihalduse standard ISO 15489 aitab määratleda nõudeid ka

elektroniliste dokumendihalduse süsteemide funktsionaalsusele.

Arne Ansper (AS Cybernetica) tutvustas digitaalallkirja standardikavandeid. Digitaalallkirja rakendamiseks on tarvis luua komplekt standardeid, mis määratleks digitaalallkirja ning selle osade (ajatempel, kehtivustõend, signatuur) vormingu ja tähenduse ning protokollid seotud teenuste (valideerimisteenus, ajatempli-teenus) kasutamiseks. Lähtuda saab mõistagi olemasolevatest rahvusvahelistest standarditest ja standardikavanditest ning valminud digitaalallkirja juurutamise strateegilisest plaanist. Asi peab olema tehniliselt piisavalt lihtne ja arvestama Eesti tegelikku olukorda. Seejuures tuleks tagada sõltumatus ühest kindlast süsteemide tarnijast. Töö tulemusena on valminud neli standardikavandit, mida ka lähemalt tutvustati. Kavandid on plaanis veel sel aastal arvamusküsitlusele saata.

Jüri Kivimaa Ühispanngast rääkis astmelisest etalonturbest. Jutt on valdkonnast, mis seni infoturbe standarditega korralikult katmata. Ettekandja tõi välja, mis see astmeline etalonturbe siis tegelikult on ja milleks see kasulik on. Süsteem peab olema mõistliku ressursikuluga realiseeritav. Infoturbe on jätkuvalt kuum teema ja mitmed eksperdid ennustavad valdkonda panustamise kasvu lähiaastatel. Ettekanne aitas mõtestada etalonturbe ja turvaklasside seoseid tegeliku infoturbe korraldamisega sellises nõudlikus valdkonnas, nagu pangandus.

TTÜ professor Tanel Tammet tutvustas vaba tarkvara soovitusi avaliku halduse tarvis. Vaba tarkvara kasutamise analüüsi, soovitude ja seadusandlusega tegeldakse paljudes riikides. Ettekanne andis ülevaate soovitudest vaba tarkvara kasutamiseks Eesti riigiasutustes. Soovitused on kättesaadavad <http://www.eik.ee/atp/>.

Tegemist on esialgse töödokumendiga, mis on avatud edasiseks aruteluks. Aktiivselt on soovitusi kommenteerima asunud peamine "oponent" Microsoft, põhjalikuma ekspertiisi valmistab ette Jan Willemson. Lähiajal on plaanis tulemused kokku võtta ja võimalusel ka avalikkust teavitada. Soovitude tellijaks on Eesti Informaatikakeskus. Soovitused on mõeldud alusmaterjalina informaatikastrateegia ja edasiste konkreetsete juhendite koostamiseks.

TTÜ reaalajasüsteemide professor Leo Mõtus peatus ühtse mudelikeele UML (*Unified Modeling Language*), tema profiilide ja standardimise seostel. Ettekandja püstitas huvitavad küsimused:

- Kas UML on omaette tervik või on ta MDA (*Model Driven Architecture*) osa?
- Miks UML on laialt levinud? Kus teda kasutada?
- Miks UML-le profiilid?

Ettekandja leidis põnevaid seoseid teemal tarkvara patendid, standardimine ja tegelik elu. Et areng ei pidurduks tuleb standardida "õiget asja". Tarkvara patendid on siin omamoodi pidurid. Tarkvaraprotsessiga seotud standardid ei ole õnneks seni olnud seotud tasuliste patentidega (erinevalt mitmetest tarkvaratoodetest). Eesti tarkvaratööstus ja -haridus peaks rohkem tähelepanu pöörama tarkvaraprotsessile.

Jaana Inno Eesti Telefonist iseloomustas traadita LAN standardeid. Ta selgitas WiFi olemust, iseloomustas standardiperekonda 802.11 ning andis ülevaate praegustest ja tulevastest traadita kohtvõrgu standarditest. Euroopa standardimine, eriti ETSI, on nimetatud valdkonnas aktiivne. Ettekandja käsitles ka traadita kohtvõrgu andmeturvalisust ning eritles vastavaid nõudeid. Traadita kohtvõrgude kiire levi tuhinas kipuvad infoturbe küsimused tahaplaanile jääma.

Mitmesugused lahendused (kuni krüptimiseni välja) võimaldavad siiski ka traadita kohtvõrkudes tagada nõutava turvaseme.

Peep Krusberg Maa-ametist rääkis standardimisest geoinformaatikas. Ta tutvustas ruumiandmete ja GISide eripära, rääkis valdkonna standardimise arengust ja seni koostatud peamistest rahvusvahelistest standarditest. Ettekandja iseloomustas lihtsate nähtuste spetsifikatsioone ja tegi põneva ekskursi veebikaardi teenuste maailma. Interneti vahendusel reaajas olid ettekandjal näidata tõesti põnevad demod tarkvaralistest lahendustest veebi geoinfo päringutest ning eri infosüsteemide integratsioonist.

Kokkuvõtteks. Teabepäevale oli registreerunud üle viiekümne kuulaja. Töö oli tihe, arutelu elav. Ettekanded olid tõesti huvitavad ja õpetlikud, sisaldasid palju uut infot.

Teabepäeval esitatud materjalid olid standardimisega rohkem ja sisulisemalt seotud, kui oodata võis.

Oli põnev õhtupoolik. Kohvipausil lõikasime lahti tähtpäevatoridi. Sarnase seminari korraldamine on plaanis ka järgmisel aastal, kohtumiseni aasta pärast.

Teabepäeva materjale vaata <http://www.cyber.ee/infoturve/ressursid/koolitus/20021115/>

Taavi Valdlo
EVS/TK 4 sekretär

RAAMATUKOGU STATISTIKA JA TÖÖ TULEMUSLIKKUSE HINDAMINE

Võtsin osa Stockholmis 26. - 30. oktoobrini toimunud ISO/TC 46 Informatsioon ja dokumentatsioon 8. alamkomitee Kvaliteet – statistika ja töö tulemuslikkuse hindamine kolme tööühiku tööst.

Raamatukogu töö tulemuslikkuse indikaatorite tööühiku koosolekul esitati seisukohad raamatukogustatistika ning töö tulemuslikkuse mõõtmise ja toimivusindikaatorite rahvusvaheliste standardite ettevalmistamise etappide kohta. Anti ülevaade ISO/FDIS 2789 lõppversiooni muudatustest ning vastuvõtu protseduuridest.

Antud dokument oli 2002. aastal ka RRi standardimise tööühikus põhiline töös olev dokument, mistõttu saadud informatsioon pakkus huvi. Saime kinnitust lõppversiooni vastuvõtmise ning muudatuste kohta ja võime viia lõpule ISO 2789 eestikeelse kavandi koostamise, et esitada see Eesti Standardikeskusele.

Teine arutlusel olev dokument oli standardi ISO 11620 tulemuslikkuse toimivusindikaatoreid käsitlev muudatus - *Information and Documentation. Library Performance indicators AMENDMENT 1: Additional performance indicators for libraries.*

Kõne all oleva dokumendi eestikeelne versioon on ettevalmistamisel ja tuleb arutlusele RRi standardimise tööühikus, et kavandi projekt esitada Standardikeskusele avaldamiseks EVS-ISO 11620 muudatusena.

Kolmas arutlusel olev dokument oli elektrooniliste teenuste mõõtmismetoodikat käsitlev lisa ISO/DTR 20983 rahvusvahelisele standardile ISO 11620 *Information and Documentation. Performance indicators for electronic library services.* Esitati täiendused ja parandusettepanekud Pariisi nõupidamiselt 2002. aasta märtsis. Dokumendi lõppversioon läheb hääletamisele k.a

novembris, vastuvõtmisele detsembris. 2003. aastal saavad rahvuslikud standardiorganisatsioonid õiguse alustada rahvusdokumendi ettevalmistamist, siis saab ka RRI standardimise töörühm alustada tööd elektroonilise keskkonna mõõtmise toimivusindikaatorite väljatöötamisega. Töörühma poolt tehti ettepanek kogu standardi ISO 11620 ülevaatamiseks ja antud standardisse ka kvaliteedi mõõtmismetoodika lülitamiseks, mis käsitleks juba laiemalt, komplekselt kogu raamatukogutöö tulemuslikkuse sisendi ja väljundi mõõtmismetoodikat. Antud muudatusettepaneku realiseerimist alustatakse töörühmas 2004. aastal koostöös IFLA statistika sektsiooni, Eurostat'i ja Northumbria Ülikooliga. Samuti peeti oluliseks kavandada uute kvaliteedi hindamise toimivusindikaatorite ja mõõtmismetoodika testimist ning selleks uute Euroopa projektide algatamist.

Eesti raamatukogunduse standardimiskavasse kinnitatud dokumendid leidsid heakskiitu ja leiti, et õigel ajal on alustatud rahvusstandardite koostamist raamatukogustatistika ja raamatukogutöö kvaliteedi mõõtmise toimivusindikaatorite ning mõõtmismetoodika väljatöötamiseks.

Trükitoodangu hinna indeksi koostamismetoodika töörühma koosolekul oli arutluse all rahvusvaheline standardi *ISO 9230 Information and Documentation - Price indexes for books and serials purchased by libraries* ülevaatamine. Nimetatud standard on vastu võetud 1991. aastal, vananenud on terminite määratlused ning käsitlus, samuti puudub elektroonilise kirjastamise hinnakujunduse metoodika ja uute terminite määratlus. Esialgelt viiakse läbi olukorra küsitlus eri riikides, analüüsitakse olukorda ja koostatakse situatsiooni kirjeldus koos vajalike nõudmiste ja ettepanekutega, seejärel toimuvad arvamusküsitlused ja koostatakse uue dokumendi kavand, mille arutelu planeeriti 2003. aasta maikuuks.

Eestis tuleks kavandada antud standardi uustöötlus aastasse 2005. Pariisi nõupidamisele 2002. aasta märtsis. Vajalik oleks koostöö korraldamine selles osas RRI, Kirjastajate Liidu ja Eesti raamatukogude ning kirjastajate vahel. Standardi terminoloogia ja metoodika on tihedalt seotud kahe eelpoolnimetatud standardi ISO 2789 ja ISO 11620 terminite määratluste ning käsitlustega. Tööd võiks korraldada selle standardi uustöötusel RRI standardimise töörühm ja peakoordinaatoriks olla Eesti Rahvusraamatukogu kui sundeksemplari ja trükitoodangu statistika ning rahvusbibliograafiakeskus.

Trükitoodangu ja elektroonilise meedia statistika töörühmas oli arutluse all rahvusvahelise standardi *ISO 9707 Information and Documentation - Statistics on the production and distribution of books, newspapers, periodicals and electronic publications* uustöötlus ja muudatusettepanekud. Nimetatud standard on vastuvõetud 1991. aastal, terminid ja määratlused on aegunud. Raamatukogud komplekteerivad elektroonilisi väljaandeid ja saavad ka sundeksemplari elektroonilistest väljaannetest, kogu elektroonilise kirjastamise toodang peaks kajastuma kirjastamise statistikas. Arutati läbi eri riikide arvamused ja ettepanekud ning novembriks 2002 koostatakse terminite ning määratluste uus projektdokument, vaadatakse üle dokumentatsiooni klassifikatsioon, bibliograafia ja viiakse sisse vajalikud muudatused. Standard võiks kujuneda ka üheks RRI standardimise töörühma uustöötuse objektiks aastal 2005, kuna RR on vastutav trükitoodangu statistika korraldamise eest. Elektroonilise kirjastamise statistika arvestusaluste kehtestamisel kujuneb see standard alusdokumendiks. Seni on RR lähtunud UNESCO'le statistiliste andmete esitamisel kehtivast standardist

ISO 9707:1991. Eesti kommentaarid ja muudatusettepanekud said esitatud ja koostöö selles osas töörühmaga jätkub. Koostöö Rootsi Standardiinstituudi SIS ja ISO/TC 46 **Informatsioon ja Dokumentatsioon** 8. alamkomitee **Kvaliteet** töörühmadega WG 4, WG 5 ja WG 6 oli väga kasulik, andes uut teavet teiste riikide kogemuste kohta ning ülevaate antud valdkonnas uustöötlustele tulevatest standarditest, mis omakorda on juhiseks RRI standardimise töörühmale järgmiste aastate tegevusplaanide koostamisel ning Eesti standardikavandite uustöötluste lülitamisel standardimise riiklikesse kavadesse.

Lisaks sai töörühmade töö käigus uut teavet uue standardi kavandi

ISO/DIS 15511 Information and Documentation. International Standard Identifier for Libraries and Related Organizations (ISIL) ning ISO/TC 46 tegevuskava

ISO/TC N 1621: 2002.09.19 kohta.

Teavet jagati ka töös olevate standardite tehniliste spetsifikatsioonide, ISO TC serveri kasutuse ja tehnilise komitee töös osalemise protseduurireeglite kohta. Eestilt oodatakse enam aktiivsust ISO/TC 46 töös osalemises ning eksperdi (ekspertide) määramist töörühmadesse.

Nõupidamised pakkusid väga kasulikku teavet RRI standardimise töörühma töö korralduseks, nimetatud koosolekutest teavitatakse standardimise töörühma liikmeid ning Eesti Standardikeskust..

Anu Nuut

Rahvusraamatukogu

raamatukogunduse osakonna juhataja

RRI standardimise töörühma juht

ASFALDIPÄEV

"Kas Eesti teed viivad Euroopasse?" selline intrigeeriv küsimus oli 19. novembril Tallinnas, Sakala Keskuses toimunud Eesti Asfaldiliidu XXII ASFALDIPÄEVA motoks.

Teedeehitusliku tegevuse aluseks on normid ja standardid. Päeva esimesel poolel anti ülevaate standardimise korraldusest Eestis. Püüdlusega saada Euroopa Liidu liikmeks kaasneb nõue kasutusele võtta Euroopa Liidu n-ö mängureeglid. Insenerialadel on nendeks eelkõige standardid. Paljud Eesti standardid on tiitellehe meetodil üle võetud Euroopa standardid, st pealkiri on tõlgitud eesti keelde, kuid standardi sisu on ingliskeelne. Standardite tõlkimine on vaevarikas, nõuab erialase sõnavara tundmist, tekst peab olema juriidiliselt üheselt mõistetav. Kuidas vältida formaalsust ja ummikusse

sattumist? Mis on juba tehtud ja mis teoksil?

Põhiettekanade standardimise korraldusest Eestis tegi Eesti Standardikeskuse tegevdirektor Sven Kasemaa. Ülevaate teedeehituses kasutatavate materjalide - bituumensideainete, asfaltbetoonsegude ja kivimaterjalide standarditest andsid TTÜ Teedeinstituudi lektor Vello Mespak ja Eesti Ehitusmaterjalide Tootjate Liidu tegevdirektor Enno Rebane. Ülevaate tsementide, betoonide ja teedeehitusliku tsemendilaadse teesideaine standarditest tegi TTÜ Ehitustootluse Instituudi direktor Toomas Laur.

Päeva teine osa oli pühendatud teetöödele Eesti nn Euroteedel - VIA BALTICA-I ja Tallinn - Tartu - Luhamaa maanteel.

Eesti Asfaldiliit on mittetulundusühing, mis ühendab vabatahtliku liikmeks oleku alusel asfalditöödega tegelevaid Eestis registreeritud juriidilisi isikuid ja üksikisikuid. Liit asutati 05. juunil 1991.a.

Eesti Asfaldiliidul on seisuga 01. november 2002 26 liikmesettevõtet ning 11 üksikliiget.

Asfaldipäevast sai osa 125 spetsialisti.

Asfaldiliidu pressiteate põhjal
AL

NOVEMBRIKUU STANDARDID

EVS-EN 499:2002 Keevitusmaterjalid. Kattega elektrodid legerimata ja peenterateraste käsikaarkeevituseks. Liigitamine.

Standard määratleb liigitamistingimused kattega elektrodidele ning keevismetallile legerimata ja peenterateraste keevitamiseks minimaalse tõmbe-tugevusega 500 N/mm² keevitatud olekus.

EVS-ISO 2108:2002 Informatsioon ja dokumentatsioon. Rahvusvaheline raamatu standardnumber (ISBN)

Standardi eesmärk on raamatute identimissüsteemi kasutamise koordineerimine ja standardimine. Rahvusvaheline raamatu standardnumber (ISBN) on ainuomane tunnusnumber, mis on antud teatud kirjastaja/väljaandja kirjastatud või välja antud raamatule või mõnele muule monograafilisele väljaandele. Standardis määratakse rahvusvahelise raamatu standardnumbri struktuur ning numbri asukoht väljaandel. Seda standardit saab rakendada raamatute ja teiste monograafiliste väljaannete puhul, nagu trükitud raamatud ja brošüürid (sealhulgas eri köited või formaadid), multimeedia- jt meediaalased väljaanded, kaasa arvatud õppeotstarbelised filmid ja videod ning slaidid, kassettraamatud, arvutitarkvara, elektroonilised väljaanded, mikrovormid, maakaardid ja Braille' kirjas väljaanded. Jadaväljaanded, muusikahelisalvestised ja nooditrükised kuuluvad teiste identimissüsteemide valdkonda. ISBN-i kasutamise erioma-

seid üksikasju käsitletakse juhendis, mida väljastab standardi registreerimisteenistus.

Eesti standardi märkus. *ISBN Users Manual. International edition. Fourth, revised edition 2001* on kättesaadav Eesti ISBN Agentuuris ning Rahvusvahelise ISBN Agentuuri veebisaidil: <http://isbn-international.org/>

EVS-ISO 3297:2002 Informatsioon ja dokumentatsioon. Rahvusvaheline jadaväljaande standardnumber

Standardi eesmärk on jadaväljaannete ainukordset identimist võimaldava standardnumbri (ISSN) mõiste määratlemine ja selle numbri kasutamise edendamine. Iga rahvusvaheline jadaväljaande standardnumber (ISSN) on ühe kindla perioodilise väljaande ainuomane identimistunnus. ISSN on rakendatav nii varem ilmunud, praegu ilmuvatele kui ka lähemas tulevikus ilmuma hakkavatele jadaväljaannetele, olenemata nende kandjast. Jadaväljaannete hulka kuuluvad ajakirjad, ajalehed, aastaväljaanded (aruanded, aastaraamatud, teatmikud jms) ning ühingute päevaraamatud, seeriaväljaanded, uurimisaruanded, toimetised, kogumikud jne. Monograafiatel, tehnilistel aruannetel, heli- ja videosalvestistel ning nooditrükistel on oma numereerimissüsteemid, mistõttu selles standardis neid lähemalt ei käsitleta. Niisugused väljaanded võivad peale oma standardnumbri kanda ka ISSN-i juhul, kui nad on osa mõnest jadaväljaandest.

EVS-ISO 1087-1:2002 Terminoloogia-töö. Sõnastik. Osa 1: Teooria ja rakendus

Standard kehtestab terminoloogia-töö teooria ja praktika tarbeks põhiso- navara. Ta ei hõlma sõnavara, mis puudutab arvutirakendusi terminoloogia-töös; seda käsitleb ISO 1087-2. Kui ei ole öeldud teisiti, vastab esitusviis standardile ISO 10241.

EVS-ISO 1087-2:2002 Terminoloogia-töö. Sõnastik. Osa 2: Arvutira- kendused

Standard määratleb terminid keele- ja infotöötuse rakendusteks terminoloogia-töös ja terminograafias.

EVS-EN 386:2002 Liimpuit. Teos- tusnõuded ja põhilised tootmis- nõuded

Standard määrab nõuded liimpuidu komponentidele ning miinimum- tingimused liimpuidust konstruktsiooni- elementide valmistamiseks. Standard kehtib toodetele, mille lamellide lõplik paksus ei ületa 45 mm. Kuigi liimpuit valmistatakse enamasti okaspuidust, kehtib käesolev standard ka lehtpuidule eeldusel, et on olemas piisavalt teavet rahuldava liimliite saamiseks.

EVS-EN 516:2002 Katuse valmis- tarvikud. Juurdepääsupaigaldised, astmelaiud ja astmed

Standard käsitleb viilkatuse kande- tarindite külge püsivalt kinnitatud ehituselemente, mis on vajalikud seis- miseks või käimiseks katuse ülevaatuse, hoolduse või remondi ajal. Standard määrab põhimõõtmel, kasutatavad materjalid, kandevõimele esitatavad nõuded ja katsetuste ulatuse. Standard ei käsitle viilkatusele püsivalt kinnitatud redeleid.

EVS-EN 517:2002 Katuse valmis- tarvikud. Katuse turvakonksud

Standard käsitleb viilkatuse kande- tarindite külge püsivalt kinnitatud konkse, mis on ette nähtud katusekatjate redelite riputamiseks, töölavade toes- tamiseks, samuti inimese allakukkumist takistavate ohutusvahendite kinnita- miseks. Standard määratleb olulised mõõtmel, kasutatavad materjalid, nõuded kandevõime ja katsetuste kohta. Standard ei käsitle tarindeid, mis on ette nähtud ainult inimese allakukkumist takistavate ohutusvahendite kinnitami- seks (vt prEN 795).

EVS-EN 1096-1:2002 Ehitusklaas. Pinnatud klaas. Osa 1: Määratlused ja liigitus

Standard määratleb ehituses kasutatava pinnatud klaasi näitajad, omadused ja liigituse. Vastupidavuse määramiseks rakendatavad katsemeetodid ja - moodused on esitatud selle standardi teises ja kolmandas osas. Käesolev standard kehtib tavatingimustes kasutatavate olme- ja ärihoonete klaasimiseks kasutatava pinnatud klaasi kohta. Käesolev standard ei kehti järgmiste materjalide kohta: plastkiled klaasil, peeglid, emailklaas.

EVS-EN 1462:2002 Räästarenni- konksud. Nõuded ja katsetamine

Standard määrab kindlaks standarditele EN 607 ja EN 612 vastavate räästa- rennide konksudele esitatavad nõuded.

EVS-EN 1744-1:2002 Täitemater- jalide keemiliste omaduste katse- tamine. Osa 1: Keemiline analüüs

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.

METROLOOGIA

VÕRDLUSMÕÖTMISED VIHTIDE KALIBREERIMISEL EESTIS

Viktor Vabson ja Toomas Kübarsepp

Sissejuhatus

Korrektset läbiviidud laborite vaheline võrdlusmõõtmine (LVV) annab kindla aluse osalejate mõõtetulemuste kvaliteedi hindamisele ja on üheks riigi mõõtesüsteemi kui terviku konkurentsivõime kaalukamaks näitajaks. Riigi mõõtetalonidel on LVV korraldamisel eriline roll [1]. Käesolevas kirjutises annavad autorid ülevaate nii rahvusvahelistest kui siseriiklikest vihtide kalibreerimise alastest võrdlusmõõtmistest, mis on toimunud Eesti laborite osavõtul. Üksikasjalikumalt käsitlevad nad LVV-d (tähisega VM1-2001), mille Eesti Akrediteerimiskeskuse tellimusel viis läbi riigi massietalonlabor (RME) 2001.a esimesel poolel. Võrdlusmõõtmiste hulgas on see üks esimesi, mis tugineb Eesti metroloogiakompetentsile ning järgib seejuures täpselt rahvusvaheliselt aktsepteeritud juhendeid ja praktikat.

Ülevaade varasematest võrdlustest

Esimene rahvusvaheline LVV, milles osales neli Eesti laborit, toimus 1993.a. Piloottlaboriks oli Soome metroloogiainstituut MIKES [2], kes sel moel toetas tegeliku olukorra hindamist ja mõõtesüsteemi arendamist Eestis. Sellal oli mõõtemääramatus Eestis täiesti uus mõiste. Seoses mõõteprotseduuri kui ka tulemuste esitamisega andis võrdlus metroloogilaboritele hea võimaluse tutvuda esmakordselt selle erakordselt olulise mõistega praktikas. Massi alal esitas neli laborit kokku 12 tulemust. Neist kolm ei vastanud kooskõla kriteeriumile: ekslike tulemuste osakaal oli seega 25 %, kusjuures kahel, so 50 % osalejatest, oli vähemalt üks viga. Situatsiooni uudsuse tõttu võib saadud tulemusi hinnata siiski positiivseks. Nimelt pidid osalejad rakendama uudset "mõõtemääramatuse" mõistet, etalonvahendid olid eranditult kontrollitud endise NSVL mõõtelaborites ja dokumenteeritud kvaliteedisüsteem ning mõõtevõime süstemaatiline hindamine puudus hoopiski.

Teise võimaluse riigi mõõtetaseme võrdlevaks hindamiseks andis ajavahemikul 1997-98.a PHARE programmi PRAQIII raames korraldatud võrdlusmõõtmised kolmeteistkümne Ida-Euroopa riigi osavõtul. Võrdlusmõõtmised viidi läbi kolmes valdkonnas, pilootlaboriks kutsuti juhtivad Lääne-Euroopa metroloogiainstituudid. Massi alal oli pilootlaboriks Suurbritannia metroloogiainstituut NPL, kahekümne labori hulgas osales Eesti poolt AS Metrosert Tallinnast ja Tartu Standardiseerimis ja Metroloogiakeskus (TSMK). Piloottlabor andis võrdlusobjektid ja tugiväärtused ning hindas osalejate esinemist. Lisaks lõpparuandele [3], mis tagas osalejate anonüümsuse, on Eesti laborite osavõttu käsitletud artiklites [4] [5]. LVV üldised tulemused on antud tabelis 1.

¹ V. Vabson, T. Kübarsepp, Võrdlusmõõtmiste roll mõõtetulemuste kvaliteedi kindlustamisel, EVS teataja, , 2002.

² K.Riski, *Interlaboratory comparison of weights and a 100 mm Gauge Block between Finland and Estonia*, Helsinki, 1994.

³ S. Davidson, PHARE Project PRAQIII, WP1: QI11 *Intercomparison of mass measurements*, NPL, 1998.

⁴ R. Karniol, R. Laaneots, Ü. Vaher, Eesti osalus rahvusvahelises mõõtealas ringkatses ja selle tulemused, EVS, 1999.

⁵ K. Carneiro, *Metrologia*, 2001, 38, 277-279.

Tabel 1. Üldised 1997-98.a massivõrdluse tulemused

	Laborite arv	Tulemuste arv	Eksinud laborite osakaal	Valetulemuste osakaal
Kõik osalenud	22	214	45 %	15 %
Eestist	2	20	50 %	15 %
Lääne-Euroopa akrediteeritud laborite tavaline tase			Alla 26 %	Alla 8 %

Teiste Ida-Euroopa laborite taustal võib Eesti osalejate tulemust pidada rahuldavaks. Lääne-Euroopa kalibreerimislaborite taset iseloomustav statistika on toodud artiklis [6]. Kokkuvõtvalt on see järgmine: kordagi ei eksi võrdluskatsel kriteeriumi vastu umbes 74 % laboritest ning ekslike tulemuste arv kõigi esitatute hulgas ei ületa 8 %. Seega Lääne-Euroopa akrediteeritud laborite tavalise tasemega võrreldes võiks soovida, et esitatud tulemuste kooskõla tugiväärtusega vastava mõõtemääramatuse hinnangu taustal oleks siiski parem.

Mõlemad eelkirjeldatud võrdlused olid Eesti mõõtesüsteemi kui terviku jaoks väga olulised, kuid ei hõlmanud kaugeltki kõiki vastavat mõõteteenust osutavaid laboreid. Ka oli kahe võrdluse vaheline aeg pikk. Seega need LVV-d ei täitnud täies ulatuses lünka siseriiklikul mõõteteenuste kvaliteedi hindamisel ja tagamisel.

Projekti VM1-2001 kirjeldus

Riigi massietalon viis 2001. a Eesti Akrediteerimiskeskuse (EAK) tellimusel läbi LVV kuue EAK poolt akrediteeritud metrooloogialabori osavõtul. Võrdlusetalonide komplekti kalibreerimise teel võrreldi laborite mõõtevõimet, meetodikaid, etalonseadmeid, laboratooriumi tingimusi ja kooskõla oluliste mõjurite mõõtmisel. Projekti sihiks oli võrrelda osavõtjate tulemusi, mis on saadud nende tavaliste mõõte- ja analüüsiprotseduuride rakendamisel ja iseloomustaks nende rutiinsete teenuste parimat mõõtevõimet. Eesmärgiks oli aidata laboreid teenuste ekvivalentsuse demonstreerimisel järgides seejuures tunnustatud rahvusvahelisi põhimõtteid.

Võrdlusetalonid

Võrdlusetalonid valiti RME töö- ja tugietalonide hulgast piirkonnas 100 mg kuni 100 g, võttes arvesse Eestis seni juba toimunud võrdlusi. Vihtide nimiväärtused olid 100 g, 100 g, 50 g, 20 g, 500 mg, 200 mg 200 mg ja 100 mg. Vihid on valmistatud mittemagnetilisest roostevaba terasest, üks spetsiaalne viht nimiväärtusega 100 g alumiiniumist. Kuju (välja arvatud alumiiniumvihil) vastas OIML soovitusel [7]. RME koostatud võrdlusmõõtmiste juhendis toodi ära andmed vihtide tiheduse ja ruumala kohta. Suurem osa võrdlusetalonidest on valmistatud Mettler-Toledo poolt kooskõlas OIML E₂ klassi nõuetega ja soetatud 1996.a. Esmakordselt on need kalibreeritud 1996.a Šveitsi akrediteeritud laboris SCS032 ja RME-s läbi viidud korduskalibreerimised 1998.a ja 2000.a kinnitasid etalonide head ajalast stabiilsust.

⁶ K. Brinkmann, *Neue Aufgaben Meistern*, QZ, 43, 1998.

⁷ International Recommendation OIML R 111, (1994), *Weights of classes E₁, E₂, F₁, F₂, M₁, M₂, M₃*.

Mõõteprotseduur

Ettevalmistuse käigus kalibreeriti võrdlusetalonid RMEs 2001.a aprillis. Osalevates laborites ringlesid need ajavahemikul 14.05.01 kuni 30.06.01. Uuesti kalibreeriti vihid RMEs vaheetapil 29.05.01 - 3.06.01 ja kohe pärast viimast osalejat. Vaheetapil mõned vihid puhastati, kuna pärast ringlemist kahes esimeses laboris muutus mitme vihi mass märgatavalt. Igal laboril oli üks nädal mõõtmisteks ja teine nädal lisaks tulemuste analüüsiks ja vormistamiseks. Grammipiirkonnas oli võimalik eelkõige üks-ühene võrdlus ühe või enama labori tugietaloniga. Milligrammpiirkonnas võis kasutada nii üks-ühest võrdlust kui ka kombinatsioonimeetodit.

Alumiiniumvihi (100 g) kalibreerimine tavalise roostevaba terasest 100 g vihi kõrval andis võimaluse võrrelda laborite kooskõla õhu tiheduse ja selle arvutamise aluseks olevate mõjurite määramisel.

Tulemused

Kõik laborid esitasid kalibreerimisandmed võrdlusvihtide leppelise massi väärtuste ja hinnatud laiendmääramatuste kohta. Tulemused on esitatud Tabelis 2, osalenud laborid on selles tähistatud suurte ladina tähtedega. Lisatud on enne võrdlusi, vaheetapil ja pärast laborites ringlemist saadud RME tugiväärtused. Kui mõne vihi jaoks mõne osaleja tulemus puudub, siis kõnealune labor vastavat vihti ei kalibreerinud. Kõiki esitatud tulemusi võrreldi RME tugiväärtustega ja hinnati vastavalt [4] kirjeldatud meetodikale. Tabelis 3 on esitatud normeeritud hälbed kõigi hinnatavate tulemuste kohta. Kui normeeritud hälve oli suurem ühest on see esile tõstetud tumedama taustaga.

Kuue osaleja poolt esitati kokku 40 tulemust. Tavaliste OIML E₂ klassi nõuetele vastavate vihtide kalibreerimisel on tulemuste kooskõla väga hea: normeeritud hälve on siin vaid kolmel juhul suurem kui 0,5. Väikeste normeeritud hälvete korral tuleb silmas pidada siiski ka tulemuste tegelikke laiendmääramatusi.

Kõigist 40-st esitatud tulemusest saadi neli ebarahuldavat spetsiaalse 100 g Al vihi leppelise massi määramisel. Selle vihi kalibreerimise põhiraskuseks osutus sobiva mõõtemudeli formuleerimine, mis oli jõukohane vaid kahele osalenud laborile. RMEs analüüsiti Al-vihi jaoks esitatud lähteandmeid ühtse mudelit alusel uuesti ning ka selle vihi korral saadi kõigi laborite jaoks rahuldav kooskõla. See näitab asjakohase mõõtemudeli tähtsust kalibreerimistulemuste ja määramatuste arvutamisel. Võrreldes aga 100 g roostevaba terasest vihi tulemustega oli kooskõla pilootlaboriga märgatavalt halvem, mis on selgeks märgiks, et oluliste mõjurite (temperatuuri ja õhu tiheduse) mõõtmisele tuleb osalejatel pöörata suuremat tähelepanu.

Võrdluse käigus ilmnas märkimisväärne vihtide massi muutus, mis mitmel juhul ületas isegi tugiväärtuste laiendmääramatusi. Nimetatud muutused on tõenäoliselt seotud vihtide hoidmis- ja käsitsemistingimustega osalenud laborites. Seetõttu võrdlusetalonide küllaldase stabiilsuse tagamiseks mõned vihid puhastati vaheetapil ja kalibreeriti enne väljasaatmist RME-s uuesti. Teisel etapil olid vihtide muutused tunduvalt väiksemad.

Keskkonnatingimuste mõõtmine vajab eraldi tähelepanu seetõttu, et OIML soovitus [7] kohaselt ei ole vihtide usaldusväärne kalibreerimine ja tulemuste määramatuse hindamine võimalik ilma kooskõlata mõjurite mõõtmisel. Mitmel laboril puudub nõuetele vastav mudel õhu tiheduse määramiseks. Tarvilikud rahvusvahelised dokumendid ei ole ilmselt kättesaadavad ja puudu jääb kogemustest nende kasutamisel.

Mõjurite (eelkõige temperatuuri) määramatuse allikana seostati enamasti vaid kasutatud mõõtevahendite määramatusi. Kuid sageli võib palju olulisem olla panus, mis tuleneb mõõdetava suuruse definitsioonile mittevastavusest või ebarahuldavast protseduurist.

Õhu üleslükkeparandi arvutamisel on nõutav õhu temperatuur kaalukambris. Kui seda hinnatakse termomeetri näidu alusel, mis mõõtmise ajal asus näiteks väljaspool kaalukambrit, siis temperatuuri erinevus kaalukambris ja tegelikus mõõtekohas võib tunduvalt ületada termomeetri kalibreerimise määramatust.

Enamasti esitasid laborid korralikult läbitöötatud mõõtemääramatuse büdžetid. Samas oli mõõtemääramatuse hindamisel ka probleeme. Paarile laborile valmistas raskusi ka määramatuse põhiliste komponentide ja liitmääramatuse hindamine. Keerukam mõõtemudel, mis sisaldas õhu üleslükke parandit ja selle määramatuse hindamist, valmistas raskusi praktiliselt kõigile osalejatele.

Järeldused

Osalenud laborite poolt esitatud võrdlusetalonide kalibreerimise tulemused olid RME tugiväärtustega vastavalt [1] enamasti rahuldavas kooskõlas (36 tulemust 40st). Rahuldav kooskõla on eriti hinnatav nende tulemuste korral, millele omistatud laiendmääramatus on väike.

Spetsiaalse A1 vihi korral, kui oli nõutav õhu üleslükke parandi määramine ja arvessevõtmine, ei saavutanud rahuldavat kooskõla tugiväärtusega neli laborit kuuest, mis viitab tõsiasi, et vihtide kalibreerimise seisukohalt oluliste mõjurite mõõtmine vajab parandamist. Edasiarendamist nõuab kalibreerimismetoodika ja määramatuse hindamine, üle peaks vaatama nende mõõtevahendite rahvusvahelise seostatuse, mis on ette nähtud mõjurite mõõtmiseks. Kooskõla laborite vahel aitaks parandada ühtne kalibreerimisbaas, mille loomiseks tuleks soetada sobivaid etalonvahendeid. Tulemuste kooskõla demonstreerimiseks oleks tarvilik võrdlusmõõtmine ka selles valdkonnas.

Kokkuvõtteks

Viimase paarikümne aasta jooksul on võrdlusmõõtmiste roll mõõtetulemuste kvaliteedi kindlustamisel kiiresti kasvanud ja omandanud üha suurema kaalu mõõteastendiku kõigil tasanditel. Vihtide kalibreerimise alane LVV (VM1-2001) on esimesi, mis tugineb täielikult Eesti metroloogiakompetentsile ning vastab rahvusvaheliselt aktsepteeritud juhenditele ja praktikale. Nimetatud võrdlus lubas edukalt hinnata kõigi huvitatud laborite parimat mõõtevõimet, meetodikaid, etalonseadmeid, laboratooriumi tingimusi ja kooskõla oluliste mõjurite mõõtmisel. Võrdlustulemused demonstreerisid laborite teenuste ekvivalentsust üldtunnustatud rahvusvaheliste põhimõtete kohaselt.

Vajadus LVV regulaarseks korraldamiseks on ilmne ka väga paljudes teistes mõõtevaldkondades nagu termomeetrite kalibreerimine, mitmesugused elektrilised ja pikkusmõõtmised, ruumalade/tiheduste määramine, soojuse ja kulu mõõtmised ja keemilise analüüsi võtmealad.

Tabel 1. Võrdlusmõõtmise VM-2001 tulemused: kõigi osalenud laborite määratud väärtused koos määramatusega

Labor	Võrdlusetalonide kalibreerimisel määratud parandid ja laiendmääramatused (katteteguriga $k=2$)									
	100 g ($m_{cv}-100$ g)/mg	AL 100 g ($m_{cv}-100$ g)/mg	50 g ($m_{cv}-50$ g)/mg	20 g ($m_{cv}-20$ g)/mg	0,5 g ($m_{cv}-0,5$ g)/mg	0,2 g ($m_{cv}-0,2$ g)/mg	D 0,2 g ($m_{cv}-0,2$ g)/mg	0,1 g ($m_{cv}-0,1$ g)/mg		
RME _r	-0,028 ± 0,015	+0,555 ± 0,025	-0,244 ± 0,010	+0,018 ± 0,008	+0,0066 ± 0,0025	+0,0051 ± 0,002	+0,0029 ± 0,002	+0,0033 ± 0,0015		
Lab A	+0,004 ± 0,08	+0,613 ± 0,08	-0,228 ± 0,07	+0,01 ± 0,06	+0,012 ± 0,016	-0,007 ± 0,015	+0,001 ± 0,015	+0,004 ± 0,015		
Lab B	-0,014 ± 0,08	+1,03 ± 0,2	-0,206 ± 0,044	+0,039 ± 0,026	+0,010 ± 0,019	+0,009 ± 0,011	+0,006 ± 0,011	+0,008 ± 0,009		
RME _r	-0,010 ± 0,015	+0,562 ± 0,025	-0,238 ± 0,010	+0,026 ± 0,008	+0,0110 ± 0,0025	+0,0081 ± 0,002	+0,0066 ± 0,002	+0,0060 ± 0,0015		
RME _r	-0,023 ± 0,015	+0,562 ± 0,025	-0,238 ± 0,010	+0,021 ± 0,008	+0,0040 ± 0,0025	+0,005 ± 0,002	+0,0029 ± 0,002	+0,0034 ± 0,0015		
Lab C	-0,01 ± 0,26	-27,3 ± 0,27	-0,21 ± 0,24	-0,02 ± 0,23	+0,004 ± 0,23	-0,006 ± 0,23	-0,009 ± 0,23	-0,003 ± 0,23		
Lab D	+0,02 ± 0,08	+0,72 ± 0,14	-0,25 ± 0,07	+0,016 ± 0,06	+0,004 ± 0,008	+0,004 ± 0,006	+0,003 ± 0,006	+0,004 ± 0,005		
Lab E	-0,11 ± 0,36	+29 ± 0,42	-0,24 ± 0,16	+0,05 ± 0,15						
Lab F	+0,24 ± 1,28	+1,79 ± 2,12	-0,203 ± 1,7	+0,006 ± 0,52						
RME _r	-0,019 ± 0,015	+0,581 ± 0,025	-0,240 ± 0,010	+0,023 ± 0,008	+0,0049 ± 0,0025	+0,0054 ± 0,002	+0,0036 ± 0,002	+0,0037 ± 0,0015		

Tabel 2. Osalenud laborite tulemuste normeeritud hälbed RME tugiväärtustest

Labor	Normeeritud hälve tugiväärtusest E_n									
	100 g	AL 100 g	50 g	20 g	500 mg	200 mg	D 200 mg	100 mg		
Lab A	0,28	0,66	0,18	-0,2	0,2	-0,9	-0,25	-0,04		
Lab B	0,06	2,35	0,78	0,62	0,06	0,21	0,11	0,37		
Lab C	0,04	-103	0,12	-0,18	0	-0,05	-0,05	-0,03		
Lab D	0,5	1,05	-0,16	-0,1	-0,05	-0,19	-0,04	0,09		
Lab E	-0,25	68	-0,01	0,19						
Lab F	0,2	0,57	0,02	-0,03						

ISO Peasekretäriks määrati Alan Bryden

Prantsuse Standardiinstituudi AFNOR peadirektor Alan Bryden määrati ISO peasekretäriks 14. - 15. novembril Genfis toimunud ISO Nõukogu koosolekul.

Ta asub ametisse 1. märtsist 2003.

Hr Bryden on sündinud 1945. a.

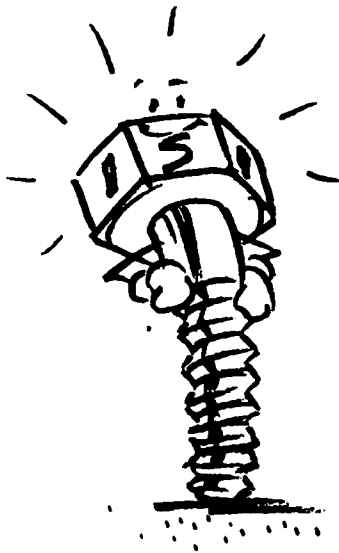
AFNORi direktor ja ISO ning CEN nõukogude liige alates oktoobrist 1999.

Samuti on ta Prantsuse Akrediteerimiskomitee COFRAC välissuhete komisjoni president.

Aastatel 1981 - 1999 töötas Alan Bryden Prantsuse rahvusliku katsebori peadirektorina. Sel perioodil loodi tema oselusel EUROLAB, mille esimeseks presidendiks ta ka oli.

Samuti oli ta Rahvusvahelise laborite akrediteerimise liidu ILAC juhataja.

Rahvuselt prantslane, on tal ka inglise kodakondsus, abielus, kolme lapse isa. Tegeleb regulaarselt spordiga - ratsutamise ja purjetamisega.



ISO kaebuste käsitlemise standard aitab kaitsta tarbijat

Ilmus ISO komiteekavand ISO/CD 10018 *Complaints handling*
Kavandi koostas ISO tehnilise komitee 176 Kvaliteedijuhtimine ja -tagamine alamkomitee 3 Toetavad tehnoloogiad (*Supporting technologies*)

Standardikavand kirjeldab tarbijate kaebuste efektiivse käsitlemise protsessi.

Kaebuste käsitlemine on kriitiline teema, mille korrektne käsitlemine toob kasu nii tarbijatele kui ettevõtetele ning tõstab klientide lojaalsust firmale.

Standard on firmadele abiks tarbijate kaebuste lahendamisel ning protsessi pideva parendamise juurutamisel.

Standard käsitleb järgmisi aspekte:

- Aitab kliendile orienteeritud keskkonna loomise teel saavutada kliendi rahulolu oma toote või teenuse pideva parendamise teel
- Juhtkonna kaasatus ja seotus ressursside juhtimise teel, s.h ka personali koolitus
- Kaebuste esitajate vajaduste ja ootuste tundmaõppimine
- Pakub kaebuste esitajatele ausat, avatud, efektiivset ja lihtsalt kasutatavat kaebuste esitamise protsessi
- Analüüsib ja hindab kaebusi toote või teenuse kvaliteedi tõstmise eesmärgil
- Auditeerib kaebuste käsitlemise protsessi efektiivsust



WTO SEKRETARIAADILT SAABUNUD TEATISED

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

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

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

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/BEL/32 21. oktoober 2002	BELGIA	ühikordsed fotoaparaadid	nõuded	-
G/TBT/N/BEL/33 21. oktoober 2002	BELGIA	raadioside saatjad ja vastuvõtjad	seadmekategooriate nimekirja uuendamine	-
G/TBT/N/BEL/34 21. oktoober 2002	BELGIA	õnnemängud	reeglid	-
G/TBT/N/PHL/25 22. oktoober 2002	FILIPIINID	pliikud mootorratastele	tarbijate ohutus ja kaitse	17. detsember 2002
G/TBT/N/PHL/26 22. oktoober 2002	FILIPIINID	kuumsukeldus- meetodil alumiinium/ tsingisulamiga kaetud teraslehed	kvaliteedi tagamine	17. detsember 2002
G/TBT/N/PHL/27 22. oktoober 2002	FILIPIINID	kuumsukeldus- meetodil tsingisulamiga kaetud süsinikterasest lehed	kvaliteedi tagamine	17. detsember 2002
G/TBT/N/PHL/28 22. oktoober 2002	FILIPIINID	teraslehed ja torud ICS: 77.120.10	kvaliteedi tagamine	17. detsember 2002
G/TBT/N/PHL/29 22. oktoober 2002	FILIPIINID	paber, papp, tselluloos- ja puitmass ICS: 85.040, 85.060	nõuded	17. detsember 2002
G/TBT/N/SWE/14 22. oktoober 2002	ROOTSI	laevad	nõuded Rootsi vetes talveperioodil sõitvatele laevadele	2. jaanuar 2002
G/TBT/N/THA/91 22. oktoober 2002	TAI	tubakas ja tubakatooted HS: 24.02; ICS: 65.160	tarbijakaitse	60 päeva
G/TBT/N/THA/ 92, 93 22. oktoober 2002	TAI	toiduained üldiselt HS: 48.21, ICS: 67.040	tarbijakaitse	60 päeva
G/TBT/N/THA/94 22. oktoober 2002	TAI	jää HS: 22.01, ICS: 13.060.20 (joogivee kvaliteet)	tarbijakaitse	60 päeva

G/TBT/N/THA/95 22. oktoober 2002	TAI	(ravim)taimeteed HS: 09.02, ICS: 67.140.10	tarbijakaitse	60 päeva
G/TBT/N/THA/96 22. oktoober 2002	TAI	joogivesi HS: 22.01, ICS: 13.060.20	tarbijakaitse	60 päeva
G/TBT/N/SLV/13 22. oktoober 2002	EL SALVADOR	kohv	kvaliteet	60 päeva
G/TBT/N/USA/24 23. oktoober 2002	USA	puu- ja juurviljad ICS 67	kaitse kahjurite eest	2. detsember 2002
G/TBT/N/USA/25 23. oktoober 2002	USA	toidu märgistamine ICS 67	vabatahtliku programmi abil tööstuse ja tarbijate toetamine	-
G/TBT/N/USA/26 23. oktoober 2002	USA	veinid ICS 67	seadustesse paranduste sisseviimine	2. detsember 2002
G/TBT/N/NZL/10 23. oktoober 2002	UUS MEREMAA	Glycine max (sojauba) seemned külvamiseks	meetmed takistamaks GMO loata importi	14. detsember 2002
G/TBT/N/ZAF/18 24. oktoober 2002	LÕUNA AAFRIKA	külmutatud kala, külmutatud meremolluskid ja nendest tooted	tarbijate ohutus	11. detsember 2002
G/TBT/N/ZAF/19 24. oktoober 2002	LÕUNA AAFRIKA	külmutatud homaar ja sellest tooted	tarbijate ohutus	11. detsember 2002
G/TBT/N/CAN/48 24. oktoober 2002	KANADA	Kanada välismaa lennudispetšeri sertifikaat ICS: 03.220.50 (õhutransport)	inimeste ohutus	19. detsember 2002
G/TBT/N/CAN/49 24. oktoober 2002	KANADA	tagapõrkekaitse ICS: 43.040.60	ohutus	19. detsember 2002
G/TBT/N/CAN/50 24. oktoober 2002	KANADA	mootorsõidukite jõuülekande kontrollfunktsioonid ICS: 43.040.50	ohutus	26. detsember 2002
G/TBT/N/ARG/ 58 - 60 24. oktoober 2002	ARGENTIINA	ravimid	rahva tervise kaitse	-
G/TBT/N/ARG/61 24. oktoober 2002	ARGENTIINA	kodumasinad	ohutus	-
G/TBT/N/JPN/56 25. oktoober 2002	JAAPAN	mootorsõidukid HS: 87.01-08, 87.11, 87.14 ja 87.16	õnnetuste ennetamine	25. detsember 2002
G/TBT/N/MEX/40 25. oktoober 2002	MEHHIKO	mänguasjad – tulirelvade koopiad	määratlemine, müügitavad ja informatsioon	-
G/TBT/N/MEX/41 28. oktoober 2002	MEHHIKO	tühkordsed klistiirpriitsid	inimeste tervise kaitse ja ohutus	10. detsember 2002
G/TBT/N/TTO/14 28. oktoober 2002	TRINIDAD JA TOBAGO	vedel kloorpleegitus ICS: 71.100.35	tarbijakaitse	13. detsember 2002
G/TBT/N/BRA/64 28. oktoober 2002	BRASIILIA	raadiosidesüsteemid HS 85	tarbijate ohutus	-
G/TBT/N/BRA/65 28. oktoober 2002	BRASIILIA	raadioside digitaal- süsteemid HS 85	tarbijate ohutus	21. oktoober 2002
G/TBT/N/SWE/15 30. oktoober 2002	ROOTSO	ohustatud liigid	elus jõevähkide (Astacus Astacus) import Rootsi keelatud	7. jaanuar 2002
G/TBT/N/SWE/16 30. oktoober 2002	ROOTSI	isiklikud autod, veoautod, bussid ja nende haagised	nõuded	10. jaanuar 2002
G/TBT/N/SWE/17 30. oktoober 2002	ROOTSI	moppeedid	muudatused/uuendused seadusandluses	10. jaanuar 2003

G/TBT/N/SWE/18 30. oktoober 2002	ROOTSI	mootorrattad	nõuded	10. jaanuar 2002
G/TBT/N/SWE/19 30. oktoober 2002	ROOTSI	motoriseeritud seadmed	muudatused/uuendused seadusandluses	10. jaanuar 2002
G/TBT/N/SWE/20 30. oktoober 2002	ROOTSI	traktorid	muudatused/uuendused seadusandluses	10. jaanuar 2002
G/TBT/N/SWE/21 30. oktoober 2002	ROOTSI	maastikua autod	muudatused seadusandluses	10. jaanuar 2003
G/TBT/N/SWE/22 30. oktoober 2002	ROOTSI	puksiirseadmed	muudatused seadusandluses	10. jaanuar 2003
G/TBT/N/SWE/23 1. november 2002	ROOTSI	sõidukite tüübikinnitus	muudatused/uuendused seadusandluses	10. jaanuar 2003
G/TBT/N/SWE/24 1. november 2002	ROOTSI	sõidukite süsteemide, osade või eraldi tehniliste agregaatide tüübikinnitus	muudatused/uuendused seadusandluses	10. jaanuar 2003
G/TBT/N/KOR/42 31. oktoober 2002	KOREA	kosmeetika	uued nõuded	30. november 2002
G/TBT/N/BRA/66 4. november 2002	BRASILIA	tekstiiltooted	mürgistusnõuded ja tarbijakaitse	25. november 2002
G/TBT/N/CAN/51 5. november 2002	KANADA	psühhotroopsed ained ICS: 11.120	inimeste tervise kaitse	25. november 2002
G/TBT/N/NIC/12 5. november 2002	NIKARAGUA	taimetoodangu näidised/proovid	taimekaitse	-
G/TBT/N/NIC/13 5. november 2002	NIKARAGUA	keemiliste pestitsiidide proovide võtmine, valmistamine ja saatmine	tervis ja keskkonnakaitse	-
G/TBT/N/NIC/14 5. november 2002	NIKARAGUA	kontrollitud teravilja ja soja tootmine ning turustamine	taimekaitse	60 päeva
G/TBT/N/NIC/15 5. november 2002	NIKARAGUA	põllumajanduslike keemiliste pestitsiidide kvaliteedikontroll	keskkonna- ja looma- ja taimertvise kaitse	60 päeva
G/TBT/N/NIC/16 5. november 2002	NIKARAGUA	ehitusmaterjalid	keskkonnakaitse	-
G/TBT/N/JPN/57 7. november 2002	JAAPAN	kosmeetika HS: 30.03, 33.04, 33.05, 33.06, 33.07, 34.01	kosmeetikatoodete ohutumaks muutmine	30. november 2002
G/TBT/N/ZAF/20 14. november 2002	LÕUNA AAFRIKA	konserveeritud/ töödeldud juurviljad (2002), (2004), (2005)	juhised klassifitseerimiseks, pakendamiseks ja mürgistamiseks	90 päeva
G/TBT/N/USA/27 14. november 2002	USA	hüdraulilised ja elektrilised pidurisüsteemid ICS 43, HS 8703	ohutus	30. detsember 2002
G/TBT/N/ZAF/21 18. november 2002	LÕUNA AAFRIKA	nisujahu ja maisitoidud HS: 1101.00/1102.20, ICS: 67.060	nõuded	18. jaanuar 2002
G/TBT/N/SWE/25 18. november 2002	ROOTSI	ehitusmaterjalid ja -tooted, eriti betoon	kvaliteedi parandamine	29. jaanuar 2003
G/TBT/N/KOR/43 18. november 2002	KOREA VABARIIK	kosmeetika	tervis	-
G/TBT/N/JPN/58 19. november 2002	JAAPAN	väetis HS: 3103, 3105	nõuded	22. jaanuar 2003

**WTO SEKRETARIAADILT SAABUNUD
SPS TEATISED**

NUMBER & ESITAMIS- KUUPÄEV	RIIK	MÕJUTATAV PIIRKOND/ RIIK	TOODE	EESMÄRK	KOMMEN- TAARIDE ESITAMISE VIIMANE KUUPÄEV
G/SPS/N/CHL/113 8. oktoober 2002	TŠIIILI	kõik riigid	seanahk	loomatervis	25. oktoober 2002
G/SPS/N/CHL/114 8. oktoober 2002	TŠIIILI	kõik riigid	suleliste liha	loomatervis	25. oktoober 2002
G/SPS/N/CHL/115 16. oktoober 2002	TŠIIILI	Ica, Peru	värsked tomatid	taimkaitse	22. november 2002
G/SPS/N/CHL/116 16. oktoober 2002	TŠIIILI	USA, California	tsitruseliste paljundusmaterjal	taimkaitse	22. november 2002
G/SPS/N/CHL/117 6. november 2002	TŠIIILI	Piura, Peru	värsked Mehhiko laimid	taimkaitse	5. detsember 2002
G/SPS/N/USA/644 17. oktoober 2002	USA	kaubandus- partnerid	juur- ja puuviljad	taimkaitse	-
G/SPS/N/ZAF/14 24. oktoober 2002	LÕUNA AAFRIKA	kõik nimetatud toodet Lõuna- Aafrikasse importijad	kõik toiduained	toiduohutus	8. veebruar 2002
G/SPS/N/USA/647 25. oktoober 2002	USA	kõik kaubandus- partnerid	veiselihatooted	toiduohutus	6. detsember 2002
G/SPS/N/USA/648 28. oktoober 2002	USA	Mehhiko	kodulinnud ja nendest tooted	loomatervis	23. detsember 2002
G/SPS/N/USA/649 28. oktoober 2002	USA	kaubandus- partnerid	puu- ja juurviljamahlad	toiduohutus	-
G/SPS/N/USA/650 29. oktoober 2002	USA	kõik kaubandus- partnerid	Sucrose (pestitsiid)	toiduohutus/ inimeste kaitsmine looma/taime- haiguste eest	25. november 2003
G/SPS/N/USA/651 29. oktoober 2002	USA	kõik kaubandus- partnerid	Fenamiphos (pestitsiid)	toiduohutus/ inimeste kaitsmine looma/taime- haiguste eest	28. oktoober 2003
G/SPS/N/USA/652 29. oktoober 2002	USA	kõik kaubandus- partnerid	Chlorpropham (pestitsiid)	toiduohutus/ inimeste kaitsmine looma/taime- haiguste eest	18. oktoober 2002
G/SPS/N/THA/92 29. oktoober 2002	TAI	kõik riigid	elusloomad, loomsed tooted HS 01, ICS: 65.020.30	loomatervis/ inimeste kaitsmine looma/taime- haiguste eest	60 päeva
G/SPS/N/TPKM/10 30. oktoober 2002	TAIWANI, PENGHU, KINMENI ja MATSU ERALDI TOLLI- TERRITOORIUM	kõik riigid	kalatooted	inimeste kaitsmine looma/taime- haiguste eest	30. november 2002

G/SPS/N/USA/653 5. november 2002	USA	kaubandus- partnerid	tooted, mis sisaldavad drooge (või nende komponente), toidulisandeid	toiduohutus/ inimeste kaitsmine looma/taime- haiguste eest	-
G/SPS/N/TPKM/11 12. november 2002	TAIWANI, PENGHU, KINMENI ja MATSU ERALDI TOLLI- TERRITTOORIUM	-	Carnauba vaik	toiduohutus	10. november 2002
G/SPS/N/AUS/143 12. november 2002	AUSTRAALIA	-	töödeldud toidud	toiduohutus	20. detsember 2002
G/SPS/N/BRA/73 13. november 2002	BRASILIA	Paraguai	loomad, Suu- ja sõrataudi kahtlusega liikidest tooted	loomatervis	-

HARMONEERITUKS TUNNISTATUD

Tehnilise normi ja standardi seaduse muutmise seaduse (RT I 2002, 32, 186) kohaselt avaldab Eesti Standardikeskus oma veebilehel ja väljaandes 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/>

Igas EVS Teatajas numbris ja EVS kodulehel saab tutvuda Uue lähenemisviisi direktiivide all harmoneeritud standarditega. Ühtlasi avaldame ka, millised neist standarditest on üle võetud Eesti standarditeks.

Seekord on avaldatud ehitustoodete, lõbusõidulaevade ja plahvatusohtliku keskkonna standardid (avaldatud septembri ja oktoobri Euroopa Ühenduste Teataja C-seerias).

Kõik seekord viidatud standardid on üle võetud Eesti standarditeks, välja arvatud üks kavand, mis on aasta lõpuni arvamusküsitlusel (loetelus märgitud **).

NÕUKOGU DIREKTIIV 89/106/EMÜ liikmesriikide ehitustoodeteid käsitlevate seaduste, määruste ja haldusnormide ühtlustamisest 21. detsember 1988 (2002/C 212/06) 6.9.2002

Viidatud standardi tähis	Standardi nimetus	Vastavalt Direktiivi 89/106/EMÜ artiklile 4(2)(a) harmoneeritud Euroopa standardina rakendamise kuupäev	Standardi ülemineku- perioodi lõpukuupäev (°)
EN 40-5:2002	Lighting columns - Part 5: Requirements for steel lighting columns	1.2.2003	1.2.2004

EN 40-6:2002	Lighting columns - Part 6: Requirements for aluminium lighting columns	1.2.2003	1.2.2004
EN 681-1:1996/A2:2002	Elastomeric seals - Materials requirements for pipe joint seals used in water and drainage applications - Part 1: Vulcanized rubber - Amendment 2	1.1.2003	1.1.2004
EN 681-2:2000/A1:2002	Elastomeric seals - Materials requirements for pipe joint seals used in water and drainage applications - Part 2: Thermoplastic elastomers - Amendment 1	1.1.2003	1.1.2004
EN 681-3:2000/A1:2002	Elastomeric seals - Materials requirements for pipe joint seals used in water and drainage applications - Part 3: Cellular materials of vulcanized rubber - Amendment 1	1.1.2003	1.1.2004
EN 681-4:2000/A1:2002	Elastomeric seals - Materials requirements for pipe joint seals used in water and drainage applications - Part 4: Cast polyurethane sealing elements - Amendment 1	1.1.2003	1.1.2004
EN 12004:2001/A1:2002	Adhesives for tiles - Definitions and specifications - Amendment 1	1.4.2003	1.4.2004
EN 13055-1:2002	Lightweight aggregates - Part 1: Lightweight aggregates for concrete, mortar and grout	1.3.2003	1.6.2004
EN 13139:2002	Aggregates for mortar	1.3.2003	1.6.2004
EN 13383-1:2002	Amourstone - Part 1: Specification	1.3.2003	1.6.2004

(²) standardi ülemineku perioodi lõpukuupäev on sama mis konfliktse rahvusliku tehnilise spetsifikatsiooni kehtetuks tunnistamise kuupäev, peale mida vastavuseeldus peab põhinema harmoneeritud Euroopa spetsifikatsioonil (Euroopa heakskiidetud harmoneeritud standardid).

**PARLAMENDI JA NÕUKOGU DIREKTIIV 94/25/EÜ 16. juunist lõbusõidulaevade kohta
(2002/C 235/03) 1.10.2002**

Viidatud standardi tähis	Standardi nimetus
EN ISO 12215-2:2002	Small craft - Hull construction and scantlings - Part 2: Materials: Core materials for sandwich construction, embedded materials (ISO 12215- 2:2002)
EN ISO 12215-3:2002	Small craft - Hull construction and scantlings - Part 3: Materials: Steel, aluminium alloys, wood, other materials (ISO 12215-3:2002)
EN ISO 12215-4:2002**	Small craft - Hull construction and scantlings - Part 4: Workshop and manufacturing (ISO 12215-4:2002)

EN ISO 12217-1:2002	Small craft - Stability and buoyancy assessment and categorization - Part 1: Non-sailing boats of hull length greater than or equal to 6 m (ISO 12217- 1:2002)
EN ISO 12217-2:2002	Small craft - Stability and buoyancy assessment and categorization - Part 2: Sailing boats of hull length greater than or equal to 6 m (ISO 12217- 2:2002)
EN ISO 12217-3:2002	Small craft - Stability and buoyancy assessment and categorization - Part 3: Boats of hull length less than 6m (ISO 12217-3:2002)

** standard on arvamusküsitlusel kuni 01.01.2003

**EUROOPA PARLAMENDI JA NÕUKOGU DIREKTIIV plahvatusohtlikus keskkonnas kasutatavaid seadmeid ja kaitsesüsteeme käsitlevate liikmesriikide õigusaktide ühtlustamise kohta 94/9/EÜ 23. märts 1994
(2002/C 213/02) 7.9.2002**

Viidatud standardi tähis	Standardi nimetus
EN 12874:2001	Flame arresters - Performance requirements, test methods and limits for use
EN 12882:2001	Conveyor belts for general purpose use - Electrical and flammability safety requirements
EN 13463-1:2001	Non-electrical equipment for potentially explosive atmospheres - Part 1: Basic method and requirements

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. Kuna võimalusel on ingliskeelsetena vastuvõetud standardi nimetus ja käsitusala tõlgitud eesti keelde ja loetelust ei ole aru saada, millised standardid on tõlgitud eesti keelde, on eesti keeles avaldatud standardid toodud ka eraldi nimekirjana Teataja lõpus.

Eesmärgiga tagada standardite vastuvõtmine järgides konsensuse põhimõtteid, peab standardite vastuvõtmisele eelnema standardite kavandite avalik arvamusküsitlus, milleks ettenähtud perioodi jooksul on asjast huvitatuil 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 raamatukogus ja neid saab osta müügigrupist; EVS tehnilistel komiteedel on võimalik saada koopiaid oma käsitusala kokkulangetavatest standarditest EVS kontaktisiku kaudu);

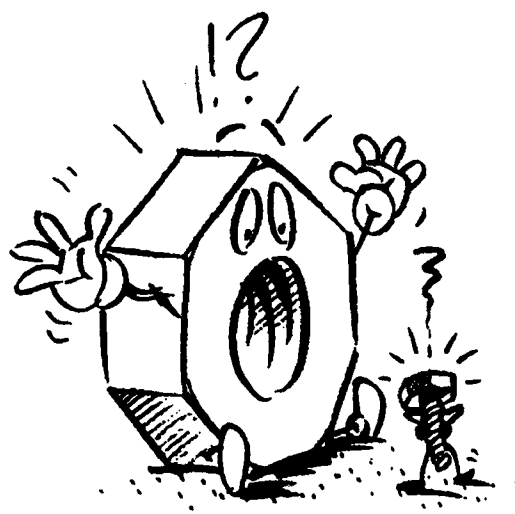
- 2) Eesti standardite kavandid, mis Eesti standardimisprogrammi järgi on jõudnud arvamusküsitluse etappi (kavandid on kättesaadavad eesti keeles standardiosakonnas, neid saab osta müüjigrupist);
- 3) Euroopa (prEN) standardite kavandid, mis on saadetud liikmetele arvamusküsitluseks (kavandid on kättesaadavad EVS raamatukogus, v.a Euroopa standarditeks ülevõetavate nende ISO tehniliste komiteede kavandid (prEN ISO), mille töös EVS ei osale, ja neid saab osta müüjigrupist. EVS tehnilistel komiteedel on võimalik saada koopiaid oma käsituslaga kokkulangevatest kavanditest EVS kontaktisiku kaudu).

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

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

ICS PÕHIRÜHMAD

ICS	Nimetus
01	Üldküsimumused. 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

01.020

Terminoloogia (põhimõtted ja koordineerimine)

Terminology (principles and
coordination)

UUED STANDARDID

EVS-ISO 1087-1:2002

Hind 306,00

Identne ISO 1087-1:2000

Terminoloogiatoõ. Sõnastik.

Osa 1: Teooria ja rakendus

See rahvusvaheline standard
kehtestab terminoloogiatoõ teooria
ja praktika tarbeks põhisõnavara.

Ta ei hõlma sõnavara, mis
puudutab arvutirakendusi
terminoloogiatoõs; seda käsitleb
ISO 1087-2. Kui ei ole öeldud
teisiti, vastab esitusviis standardile
ISO 10241.

EVS-ISO 1087-2:2002

Hind 262,00

Identne ISO 1087-2:2000

Terminoloogiatoõ. Sõnastik.

Osa 2: Arvutirakendused

See rahvusvaheline standard
määratleb terminid keele- ja
infotöötuse rakendusteks
terminoloogiatoõs ja
terminograafias.

01.040.01

Üldküsimumused.

Terminoloogia.

Standardimine.

Dokumentatsioon

(sõnavara)

Generalities. Terminology.

Standardization.

Documentation

(Vocabularies)

UUED STANDARDID

EVS-ISO 1087-1:2002

Hind 306,00

Identne ISO 1087-1:2000

Terminoloogiatoõ. Sõnastik.

Osa 1: Teooria ja rakendus

See rahvusvaheline standard
kehtestab terminoloogiatoõ teooria
ja praktika tarbeks põhisõnavara.
Ta ei hõlma sõnavara, mis
puudutab arvutirakendusi
terminoloogiatoõs; seda käsitleb
ISO 1087-2. Kui ei ole öeldud
teisiti, vastab esitusviis standardile
ISO 10241.

EVS-ISO 1087-2:2002

Hind 262,00

Identne ISO 1087-2:2000

Terminoloogiatoõ. Sõnastik.

Osa 2: Arvutirakendused

See rahvusvaheline standard
määratleb terminid keele- ja
infotöötuse rakendusteks
terminoloogiatoõs ja
terminograafias.

01.040.17

Metroloogia ja mõõtmine.

Füüsikalised nähtused

(sõnavara)

Metrology and measurement.

Physical phenomena

(Vocabularies)

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54676

Tähtaeg: 2003-02-01

Identne ISO 8655-1:2002

ja identne EN ISO 8655-1:2002

**Piston-operated volumetric
apparatus - Part 1: Terminology,
general requirements and user
recommendations**

This part of ISO 8655 specifies the
general requirements for piston-
operated volumetric apparatus. It is
applicable to piston pipettes, piston
burettes, dilutors and dispensers. If
furthermore defines terms for the
use of piston-operated volumetric
apparatus and gives user
recommendations

01.040.25

**Tootmistehnoloogia
(sõnavara)**

Manufacturing engineering
(Vocabularies)

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 36667

Tähtaeg: 2003-02-01

Identne prEN 13143:2002

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

This European Standard defines
porosity and its associated terms
and outlines the principles
involved in porosity testing of
metallic and related inorganic
coatings. It also considers the
purpose of porosity testing,
thereby assisting the user to select
the most suitable test for the
product and its service application.
The porosity test cannot be used to
establish corrosion performance
standards

prEVS 37330

Tähtaeg: 2003-02-01

Identne ISO/DIS 16348:2002

ja identne prEN ISO 16348:2002

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

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

01.040.45

Raudteetehnika (sõnavara)

Railway engineering

(Vocabularies)

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 37467

Tähtaeg: 2003-02-01

Identne prEN 13232-1:2002
**Railway applications - Track -
Switches and crossings - Part 1:
Definitions**

This European Standard provides an accepted "terminology" for switch and crossing work. With the assistance of diagrams, the various components are given definitions, and these specific names are regarded as obligatory. The definitions cover the constituent parts and design geometry of switch and crossing work, and include the movement of switches. Additional terminology of a more specific nature will be defined in the relevant part of the series prEVS 54971

Tähtaeg: 2003-02-01

Identne prEN 13232-5:2002

**Railway applications - Track -
Switches and crossings - Part 5:
Switches**

The scope of this part is:- to establish a working definition for switches and their constituent parts and identify the main types ; - to list the minimum informative requirements for the manufacture of the switches and/or constituent parts ; - to formulate codes of practice for inspection and tolerances of both full and half sets of switches and their constituent parts ; - to establish the limits and scope of supply ; - to list the methods by which switches and their parts should be identified and traced ; - to list the different and varying ways by which switches can be described using the following parameters :- geometry of the switches ; - types of construction ; - performance requirements ; - design criteria ; - tolerances and inspection

prEVS 54972

Tähtaeg: 2003-02-01

Identne prEN 13232-6:2002

**Railway applications - Track -
Switches and crossings - Part 6:
Fixed common and obtuse
crossings**

The scope of this part is:- to establish a working terminology for fixed crossings and their constituent parts, and identify the main types ; - to list the different and varying ways by which crossings can be described using the following parameters :- geometry of the crossing ; - types of construction ; - design criteria ; - manufacturing processes ; - tolerances and inspection

**01.040.61
Rõivatööstus (sõnavara)**

Clothing industry
(Vocabularies)

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 54028

Tähtaeg: 2002-12-01

Identne EN 13402-1:2001

**Rõivaste suurstähistus. Osa 1:
Terminid, määratlused ja
mõõduvõtmine (modifitseeritud
ISO 3635:1981)**

Standard määratleb kehamõõtmelised rõivastele, määrab kindlaks menetluse keha mõõtmiseks ja esitab piktogrammide, mida tuleb kasutada rõivaetiketid

**01.040.65
Põllumajandus (sõnavara)**

Agriculture (Vocabularies)

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 54524

Tähtaeg: 2003-02-01

Identne ISO/DIS 1107:2002

ja identne prEN ISO 1107:2002

**Fishing nets - Netting - Basic
terms and definitions**

This European Standard gives the principal terms relating to netting for fishing nets, together with their definitions or, in some cases, the method of expressing dimensions

**01.040.81
Klaasi- ja
keraamikatööstus
(sõnavara)**

Glass and ceramics industries
(Vocabularies)

UUED STANDARDID

EVS-EN 1096-1:2002

Hind 117,00 -

Identne EN 1096-1:1998

Ehitusklaas. Pinnatud klaas.

Osa 1: Määratlused ja liigitus
Käesolev standard määratleb ehituses kasutatava pinnatud klaasi näitajad, omadused ja liigituse. Vastupidavuse määramiseks rakendatavad katsemeetodid ja -moodused on esitatud selle standardi teises ja kolmandas osas. Käesolev standard kehtib tavatingimustes kasutatavate olme- ja ärihoonete klaasimiseks kasutatava pinnatud klaasi kohta. Käesolev

standard ei kehti järgmiste materjalide kohta: plastkiled klaasil, peeglid ja emailklaas.

**01.040.91
Ehitusmaterjalid ja ehitus
(sõnavara)**

Construction materials and
building (Vocabularies)

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 38143

Tähtaeg: 2003-02-01

Identne prEN 934-3:2002

**Admixtures for concrete, mortar
and grout - Part 3: Admixtures
for masonry mortar -
Definitions, requirements,
conformity, marking and
labelling**

This European Standard defines and specifies the requirements and conformity criteria for admixtures for use in cement based masonry mortar. It covers two types of admixtures, long term retarding and air entraining/plasticising, at equal consistence, which are used in ready-mixed and site made masonry mortars. Provisions for the use of admixtures for masonry mortar are not part of this standard but are covered by EN 998-2 prEVS 52727

Tähtaeg: 2002-12-02

Identne EN 12433-1:1999

**Tööstus-, kommerts- ja
garaapiuksed ning -väravad.
Terminoloogia. Osa 1: Uste
tüübid**

This European Standard specifies the terminology for doors, gates and barriers, intended for installation in areas in the reach of people, for which the main intended uses are giving safe access for goods and vehicles accompanied by persons in industrial and commercial premises and in residential garages. This standard specifies with the help of sketches most types of doors, gates and barriers in common use, irrespective of the material used. Doors for the passage of persons only are covered by prEN 12650-1 and prEN 12519.

prEVS 54460

Tähtaeg: 2002-12-01

Identne EN 12433-2:1999

**Tööstus- kommerts- ja
garaapiuksed ja -väravad.
Terminoloogia. Osa 2: Uste
osad**

prEVS 54461
Tähtaeg: 2002-12-01
Identne EVS 852:2003
Rippseinad. Terminoloogia
prEVS 54975
Tähtaeg: 2003-02-01
Identne prEN 1504-10:2002
Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 10: Site application of products and systems and quality control of the works
This European Standard gives requirements for substrate condition before and during application including structure stability, storage, the preparation and application of products and systems for the protection and repair of concrete structures including quality control, maintenance, health and safety, and the environment

01.040.93 Tsiiviilehitus (sõnavara)

Civil engineering
(Vocabularies)

UUED STANDARDID

EVS-EN 13481-1:2002
Hind 66,00
Identne EN 13481-1:2002
Railway applications - Track - Performance requirements for fastening systems - Part 1: Definitions
This European Standard defines the terms and definitions used in prEN 13146 and in prEN 13481.

01.060 Suurused ja ühikud

Quantities and units

KAVANDITE ARVAMUSKÜSITLUS

prEVS 33858
Tähtaeg: 2003-01-01
Identne IEC 60027-4:1985
ja identne HD 245.4 S1:1987
Letter symbols to be used in electrical technology - Part 4: Symbols for quantities to be used for rotating electrical machines

Contains letter symbols for quantities related to rotating electrical machines. Concerns dimensional characteristics as well as performance under different operating conditions.

01.070 Värvuskoodid

Colour coding

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54639
Tähtaeg: 2003-01-01
Identne IEC 60304:1982
ja identne HD 402 S2:1984
Standard colours for thermoplastic materials used for the insulation for low-frequency cables and wires
Applies to thermoplastic insulation for low-frequency cables and wires. Gives the standard colours to be used.

01.075 Tähtede tingtähtsised

Character symbols

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54781
Tähtaeg: 2003-02-01
Identne prEN 12094-1:2002
Railway applications - Aerodynamics - Part 1: Symbols and units
This European Standard applies to aerodynamics for railway applications. It defines symbols and units used in formulae and calculations in the field of aerodynamics. The definitions given in this European Standard explain the symbols and classify the units

01.080.20 Eriseadmete graafilised tingtähtsised

Graphical symbols for use on specific equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54528
Tähtaeg: 2003-02-01
Identne prEN 980:2002
Meditiiniseadmete märgistamiseks kasutatavad graafilised sümbolid

This fact sheet contains an electronic version of the graphical symbols used by manufacturers in the information supplied with medical devices
prEVS 54656
Tähtaeg: 2003-01-01
Identne IEC 60118-11:1983
ja identne HD 450.11 S1:1985
Hearing aids; Part 11: Symbols and other markings on hearing aids and related equipment
Applies to symbols and other markings on hearing aids and related equipment for the purpose of identifying control setting and giving information regarding technical functions and characteristics. Provides symbols and markings for the benefit of users and those involved in the fitting of hearing aids and related equipment.

01.100.01 Tehnilised joonised

Technical drawings in general

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54494
Tähtaeg: 2003-02-01
Identne ISO/DIS 21267-4:2002
ja identne prEN ISO 21267-4:2002
Technical drawings - Railway applications - Part 4: Data exchange
This European standard describes the basis of an administrative process of the exchange of data such as technical drawings, designed parts list (see prEN ISO 21267-2) and other related technical documents for railway applications

01.140.20 Infoteadused

Information sciences

UUED STANDARDID

EVS-ISO 2108:2002
Hind 116,00
Identne ISO 2108:1992
Informatsioon ja dokumentatsioon.
Rahvusvaheline raamatu standardnumber (ISBN)

Standardi eesmärk on raamatute identimissüsteemi kasutamise koordineerimine ja standardimine. Rahvusvaheline raamatu standardnumber (ISBN) on ainuomane tunnusnumber, mis on antud teatud kirjastaja/väljaandja kirjastatud või välja antud raamatule või mõnele muule monograafilisele väljaandele. Standardis määratakse rahvusvahelise raamatu standardnumbri struktuur ning numbri asukoht väljaandel.

EVS-ISO 3297:2002

Hind 156,00

Identne ISO 3297:1998

Informatsioon ja dokumentatsioon.

Rahvusvaheline jadaväljaande standardnumber (ISSN)

Selle standardi eesmärk on jadaväljaannete ainukordset identimist võimaldava standardnumbri (ISSN) mõiste määratlemine ja selle numbri kasutamise edendamine. Iga rahvusvaheline jadaväljaande standardnumber (ISSN) on ühe kindla perioodilise väljaande ainuomane identimistunnus.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 52756

Tähtaeg: 2003-01-01

Identne EN ISO 2789:2002

Informatsioon ja dokumentatsioon.

Rahvusvaheline raamatukogustatistika

Standard provides guidance for the library and information services community on the collection and reporting of statistics: for the purposes of international reporting; to ensure conformity between countries for those statistical measures that frequently used by library managers but do not qualify for international reporting; to encourage good practice in the use of statistics for the management of library and information services and to specify data provision required by ISO 11620.

03.120.10

Kvaliteedijuhtimine ja -tagamine

Quality management and quality assurance

UUED STANDARDID

EVS-EN 13980:2002

Hind 155,00

Identne EN 13980:2002

Potentially explosive atmospheres - Application of quality systems

This European Standard specifies particular requirements and guidance on the establishment and maintenance of a quality system to meet the requirements of Directive 94/9/EC with respect to Annex IV and Annex VII.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 29893

Tähtaeg: 2003-02-01

Identne prEN 9100:2002

Aerospace series - Quality management systems - Requirements (based on ISO 9001:2000) and Quality systems - Model for quality assurance in design, development, production, installation and servicing (based on ISO 9001:1994)

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

03.120.30

Statistiliste meetodite rakendamine

Application of statistical methods

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54907

Tähtaeg: 2003-01-01

Identne IEC 61703:2001

ja identne EN 61703:2002

Mathematical expressions for reliability, availability, maintainability and maintenance support terms

Provides mathematical expressions for reliability, availability, maintainability and maintenance support measures. - Non-repaired items and - repaired items with zero and non-zero time to restoration are considered separately in this standard.

03.240

Postiteenused

Postal services

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54659

Tähtaeg: 2003-02-01

Identne prEN 14534:2002

Postal services - Quality of service - Measurement of the transit time of end-to-end services for bulk mail

This European Standard specifies methods for measuring the end-to-end transit time of the domestic and crossborder, priority and non-priority, bulk mail, collected, processed and distributed by postal service operators. It considers methods using a representative end-to-end sample of addressed bulk mail. End-to-end is defined as from the point mail is placed into the collection/acceptance system under the responsibility of the postal operators, to the final delivery point under the responsibility of the postal operators

07

MATEMAATIKA.

LOODUSTEADUSED

MATHEMATICS.

NATURAL SCIENCES

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54770

Tähtaeg: 2003-02-01

Identne ISO/DIS 9863-1:2002

ja identne prEN ISO 9863-1:2002

Geosynthetics - Determination of thickness at specified pressures - Part 1: Single layers

This part of EN 964 specifies a method for the determination of the thickness of geosynthetics at specified pressures and defines the pressure at which the nominal thickness is determined. The test results are intended for identification purposes and for use in technical data sheets and/or as part of other test methods, e.g. tests of hydraulic properties

11.040.01

Meditsiinivarustus üldiselt

Medical equipment in general

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54528

Tähtaeg: 2003-02-01

Identne prEN 980:2002

Meditsiiniseadmete

mürgistamiseks kasutatavad
graafilised sümbolid

This fact sheet contains an electronic version of the graphical symbols used by manufacturers in the information supplied with medical devices

11.040.10

Anesteesia-, hingamis- ja reanimatsioonivarustus

Anaesthetic, respiratory and reanimation equipment

UUED STANDARDID

EVS-EN 13544-2:2002

Hind 126,00

Identne EN 13544-2:2002

Respiratory therapy equipment - Part 2: Tubing and connectors

This part of EN 13544 specifies requirements for nipples, screw threaded unions and tubing to be used with equipment for the therapeutic administration of respirable gases in domiciliary, ambulance and hospital practice, for example, as the oxygen tube connectors for resuscitators and the inlets to masks or nebulizers.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54930

Tähtaeg: 2003-02-01

Identne ISO 9360-2:2002

ja identne EN ISO 9360-2:2002

Anaesthetic and respiratory equipment - Heat and moisture exchangers (HMEs) for humidifying respired gases in humans - Part 2: HMEs for use with tracheostomized patients having minimum tidal volumes of 250 ml

This part of ISO 9360 is based on ISO 9360-1:2000 and specifies certain requirements and test methods for heat and moisture exchangers (HMEs) without machine connector ports, including those incorporating breathing system filters

11.040.20

Transfusiooni, infusiooni ja süstimise varustus

Transfusion, infusion and injection equipment

UUED STANDARDID

EVS-EN 13867:2002

Hind 101,00

Identne EN 13867:2002

Concentrates for haemodialysis and related therapies

This European Standard applies to dry and liquid concentrates to be diluted for use as dialysing fluids in haemodialysis or related therapies. It addresses chemical and microbiological quality and purity, handling and labelling of concentrates, the requirements for containers and the tests to monitor chemical and microbiological contents and quality of such concentrates

11.040.50

Radiograafiaseadmed

Radiographic equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 37562

Tähtaeg: 2003-01-01

Identne IEC 60580:2000

ja identne EN 60580:2000

Medical electrical equipment - Dose area product meters

This International Standard specifies the performance and testing of DOSE AREA PRODUCT METERS with IONIZATION CHAMBERS intended to measure DOSE AREA PRODUCT and/or DOSE AREA PRODUCT RATE to the PATIENT during MEDICAL RADIOLOGICAL EXAMINATIONS.

prEVS 54612

Tähtaeg: 2003-01-01

Identne IEC 60526:1978

ja identne HD 364 S2:1983

High-voltage cable plug and socket connections for medical x-ray equipment

Deals with essential dimensions to ensure mechanical interchangeability recommended dimensions, wiring connections to contacts of plug and socket, and marking of contacts of plug and socket.

prEVS 54634

Tähtaeg: 2003-01-01

Identne IEC 60601-2-15:1988

ja identne HD 395.2.15 S1:1989

Medical electrical equipment; Part 2: Particular requirements for the safety of capacitor discharge X-ray generators

Establishes requirements applying to capacitor discharge X-ray generators for medical radiology in which electrical energy for loading of the X-ray tube is primarily stored at and switched in the high-voltage circuit. Its object is to ensure safety and to specify methods for demonstrating compliance with the safety requirements.

prEVS 54732

Tähtaeg: 2003-01-01

Identne IEC 60806:1984

ja identne HD 513 S1:1989

Determination of the maximum symmetrical radiation field from a rotating anode X-ray tube for medical diagnosis

Applies to X-ray tube assemblies containing rotating anode X-ray tubes, for use in medical diagnostic radiology for techniques in which the X-ray pattern will be received simultaneously in all points of the image reception area.

11.040.55**Diagnostikaseadmed**

Diagnostic equipment

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 54944

Tähtaeg: 2003-01-01

Identne IEC 60601-2-37:2001

ja identne EN 60601-2-37:2001

Medical electrical equipment - Part 2-37: Particular requirements for the safety of ultrasonic medical diagnostic and monitoring equipment

Establishes particular requirements for the safety of ultrasonic diagnostic equipment and those aspects thereof which are directly related to safety. Does not cover ultrasonic therapeutic equipment; however, equipment used for the imaging of body structures by ultrasound in conjunction with therapeutic modalities is covered.

prEVS 54952

Tähtaeg: 2003-01-01

Identne IEC 60601-2-49:2001

ja identne EN 60601-2-49:2001

Medical electrical equipment - Part 2-49: Particular requirements for the safety of multifunction patient monitoring equipment

Specifies requirements for the safety of multifunction patient monitoring equipment. Multifunction patient monitoring equipment is defined as a modular or pre-configured device including more than one physiological monitoring unit designed to collect information from a single patient and process it for monitoring purposes and to generate alarms.

prEVS 54953

Tähtaeg: 2003-01-01

Identne IEC 60601-2-47:2001

ja identne EN 60601-2-47:2001

Medical electrical equipment - Part 2-47: Particular requirements for the safety, including essential performance, of ambulatory electrocardiographic systems

Specifies the particular safety requirements for ambulatory electrocardiographic systems.

Within the scope of this standard are systems of the following types:

a) systems that provide continuous recording and continuous analysis of the ECG allowing full re-analysis giving essentially similar results. The systems may first record and store the ECG and analyse it later on a separate unit, or record and analyse the ECG simultaneously. The type of storage media used is irrelevant with regard to this standard; b) systems that provide continuous analysis and only partial or limited recording not allowing a full re-analysis of the ECG. The safety aspects of this standard apply to all types of systems falling in one of the above-mentioned categories.

11.040.60**Raviseadmed**

Therapy equipment

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 38987

Tähtaeg: 2003-01-01

Identne IEC 60601-2-

50:2000+corr:2001

ja identne EN 60601-2-50:2002

Medical electrical equipment - Part 2-50: Particular requirements for the safety of infant phototherapy equipment

This particular standard specifies requirements applicable to infant phototherapy equipment (as defined in 2.101) which by means of visible radiation serve to reduce bilirubin in the body of infants suffering from icterus in the first months of life.

prEVS 54636

Tähtaeg: 2003-01-01

Identne IEC 60601-2-4:1983

ja identne HD 395.2.4 S1:1988

Medical electrical equipment; Part 2: Particular requirements for the safety of cardiac defibrillators and cardiac defibrillator-monitors

Specifies requirements for the safety of cardiac defibrillators and cardiac defibrillator-monitors incorporating a capacitive energy storage device.

prEVS 54637

Tähtaeg: 2003-01-01

Identne IEC 60601-2-6:1984

ja identne HD 395.2.6 S1:1987

Medical electrical equipment; Part 2: Particular requirements for the safety of microwave therapy equipment

Specifies requirements for the safety of microwave therapy equipment used in medical practice, but does not apply to equipment specified for hyperthermia.

11.040.70**Silmaraviseadmed**

Ophthalmic equipment

UUED STANDARDID**EVS-EN ISO 14534:2002**

Hind 92,00

Identne ISO 14534:2002

ja identne EN ISO 14534:2002

Ophthalmic optics - Contact lenses and contact lens care products - Fundamental requirements

This International Standard specifies safety and performance requirements for contact lenses, contact lens care products and other accessories for contact lenses

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 51122

Tähtaeg: 2003-02-01

Identne ISO 15254:2002

ja identne EN ISO 15254:2002

Ophthalmic optics and instruments - Electro-optical devices for low vision aids

This International Standard applies to electro-optical devices specified by the manufacturer for use by visually impaired persons as low-vision aids

11.060.10**Hambaravimaterjalid**

Dental materials

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 54568

Tähtaeg: 2003-02-01

Identne prEN 1641:2002

Dentistry - Medical devices for dentistry - Materials

This European Standard specifies general requirements for materials used in the practice of dentistry for the restoration of the form and function of the dentition and which are medical devices. For the purposes of this standard these materials are defined as restorative

materials. Dental implants are specifically excluded and described in EN 1642. This standard includes requirements for intended performance, design attributes, components, sterilization, packaging, marking, labelling, and information supplied by the manufacturer. Tests for demonstrating compliance with this standard are contained in the level-3 standards, if appropriate prEVS 54569

Tähtaeg: 2003-02-01

Identne prEN 1642:2002

Stomatoloogia.

Meditsiinivahendid

stomatoloogias.

Hambaimplantaadid

This European Standard specifies general requirements for dental implants. Surgically implantable dental materials defined as restorative materials are specifically excluded and described in EN 1641. This European Standard includes requirements for intended performance, design attributes, components, sterilization, packaging, marking, labelling, and information supplied by the manufacturer

prEVS 54856

Tähtaeg: 2003-02-01

Identne ISO 6876:2001

ja identne EN ISO 6876:2002

Hambajuurekanali

plommimismaterjalid

The standard specifies requirements for materials used for root canal sealing materials with and without the assistance of moisture and are used for permanent obturation of the root canal, with or without the aid of obturating points

11.060.20

Hambaravivarustus

Dental equipment

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54565

Tähtaeg: 2003-02-01

Identne prEN 1639:2002

Stomatoloogia.

Stomatoloogiliseks

kasutamiseks mõeldud

meditsiiniseadmed.

Instrumentid

This European Standard specifies general requirements for instruments used in the practice of dentistry and which are medical devices. It includes requirements for intended performance, design attributes, components, sterilization, packaging, marking, labelling, and information supplied by the manufacturer

prEVS 54567

Tähtaeg: 2003-02-01

Identne prEN 1640:2002

Dentistry - Medical devices for dentistry - Equipment

This European Standard specifies general requirements for items of dental equipment used in the practice of dentistry and which are medical devices. It includes requirements for intended performance, design attributes, components, packaging, marking, labelling, and information supplied by the manufacturer

11.100

Laboratoorne meditsiin

Laboratory medicine

UUED STANDARDID

EVS-EN ISO 10993-10:2002

Hind 199,00

Identne ISO 10993-10:2002

ja identne EN ISO 10993-10:2002

Biological evaluation of medical devices - Part 10: Tests for irritation and delayed-type hypersensitivity

Standardi käesolev osa kirjeldab testimismeetodeid a) et hinnata seadmete ja nende koostises olevate materjalide võimet esile kutsuda ärritust; ning b) et hinnata seadmete ja nende koostises olevate materjalide võimet esile kutsuda sensibiliseeritust

11.120.01

Farmaatsia üldiselt

Pharmaceutics in general

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54528

Tähtaeg: 2003-02-01

Identne prEN 980:2002

Meditsiiniseadmete

märgistamiseks kasutatavad

graafilised sümbolid

This fact sheet contains an electronic version of the graphical symbols used by manufacturers in the information supplied with medical devices

13.030

Jäätmed

Wastes

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54973

Tähtaeg: 2003-02-01

Identne prEN 14582:2002

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

This European Standard describes two combustion methods for the determination of halogen and sulfur contents in wastes by combustion in a closed system containing oxygen, and the subsequent analysis of the combustion product using different analytical techniques

13.030.40

Jäätmehoidlad ja

jäätmekäitlusseadmed

Installations and equipment for waste disposal and treatment

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54489

Tähtaeg: 2003-02-01

Identne prEN 13592:2002

Plastics sacks for household waste collection - Types, requirements and test methods

This standard specifies the general characteristics, test methods and requirements for sacks made from plastics films, used for household waste pre-collection, household waste collection, or household selective waste collection

prEVS 54490

Tähtaeg: 2003-02-01

Identne prEN 13593:2002

Packaging - Paper sacks for household waste collection - Types, requirements and test methods

This European Standard specifies the general characteristics, types and test performance for sacks or liners made from paper, used for household waste collection

13.030.99

Muud jäätmetega seotud standardid

Other standards related to wastes

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54510

Tähtaeg: 2003-02-01

Identne ISO/DIS 13428:2002

ja identne prEN ISO 13428:2002

Geosynthetics - Determination of the protection efficiency of a geosynthetic against impact damage

This standard describes an index test for the determination of the protection efficiency of a geosynthetic under the impact load of a hemispherical object. The index test measures the damage to a thin lead plate laying between the geosynthetic and a rigid support. It can be converted into a performance test by using the real surface to protect and the real sequence of geosynthetics

prEVS 54645

Tähtaeg: 2003-02-01

Identne prEN 14045:2002

Packaging - Evaluation of the disintegration of packaging materials in practical oriented tests under defined composting conditions

This European Standard is used to evaluate the disintegration of packaging materials in a pilot-scale aerobic composting test under defined conditions. Other methods should be used to measure the biodegradability of the packaging materials. Packaging materials are mixed with biowaste and spontaneously composted for 12 weeks in practical oriented composting conditions

prEVS 54647

Tähtaeg: 2003-02-01

Identne prEN 14046:2002

Packaging - Evaluation of the ultimate aerobic biodegradability and disintegration of packaging materials under controlled composting conditions - Method by analysis of released carbon dioxide

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

13.040

Õhu kvaliteet

KAVANDITE

ARVAMUSKÜSITLUS

13.040.01

Õhu kvaliteet üldiselt

Air quality in general

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 38340

Tähtaeg: 2003-02-01

Identne ISO 14956:2002

ja identne EN ISO 14956:2002

Air quality - Evaluation of the suitability of a measurement method by comparison with a stated measurement uncertainty

This International Standard specifies, for the field of air quality measurement procedures, the: - estimation of measurement uncertainty from actual or claimed values of all important performance characteristics of a method under stationary conditions; - assessment of whether or not specified values for these performance characteristics comply with the required quality of a measures value at a stated measurand valu

13.040.30

Töökeskonna õhu kvaliteet

Workplace atmospheres

UUED STANDARDID

EVS-EN 13890:2002

Hind 139,00

Identne EN 13890:2002

Workplace atmospheres -

Procedures for measuring

metals and metalloids in

airborne particles -

Requirements and test methods

This European Standard specifies performance requirements and test methods for procedures for measuring metals and metalloids in airborne particles collected on a suitable substrate, e.g. a filter. This standard is not applicable to procedures for measuring metals or metalloids in inorganic gases or vapours, e.g. mercury, arsine, etc (see EN 838 and EN 1076), or to procedures for measuring metals and metalloids in compounds that could be present as a particle/vapour mixture, e.g. arsenic trioxide. This standard is applicable to measuring procedures in which sampling and analysis is carried out in separate stages, but does not specify performance requirements for collection, transport and storage of samples, since these are dealt with in prEN 13205.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54486

Tähtaeg: 2003-02-01

Identne prEN 14031:2002

Workplace atmosphere - Determination of airborne endotoxin

This European Standard provides guidelines for the assessment of workplace exposure to airborne bacterial endotoxin. The standard provides methods for sampling, transportation, and storage of samples and determination of endotoxin

prEVS 54572

Tähtaeg: 2003-02-01

Identne prEN 14530:2002

Workplace atmospheres - Determination of diesel particulate matter - General requirements

This European Standard describes the analytical requirements for the determination of particulate diesel engine exhaust emissions in workplace atmospheres. The particulate concentration, averaged over the sampling duration is determined by the parameters total carbon, organic carbon and elemental carbon

prEVS 54867

Tähtaeg: 2003-02-01

Identne prEN 14583:2002

Workplace atmospheres -

Volumetric bioaerosol sampling devices - Requirements and test methods

This European standard specifies requirements and test methods to determine the performance of sampling devices used to assess bioaerosols in the work place. For clean room measurements prEN ISO 14698-1 is applicable

13.040.99

Muud õhu kvaliteediga seotud standardid

Other standards related to air quality

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54579

Tähtaeg: 2003-02-01

Identne prEN 13725:2002

Air quality - Determination of odour concentration by dynamic olfactometry

This European Standard (EN) specifies a method for the objective determination of the odour concentration of a gaseous sample using dynamic olfactometry with human assessors and the emission rate of odours emanating from point sources, area sources with outward flow and area sources without outward flow. The primary application is to provide a common basis for evaluation of odour emissions in the member states of the European Union

13.060

Vee kvaliteet

Water quality

KAVANDITE ARVAMUSKÜSITLUS

13.060.70

Vee bioloogiliste omaduste määramine

Examination of biological properties of water

KAVANDITE ARVAMUSKÜSITLUS

prEVS 21826

Tähtaeg: 2003-02-01

Identne prEN 14011:2002

Water quality - Sampling of fish with electricity

This European Standard provides procedures to be used by trained persons in evaluating fish communities in streams, rivers and littoral areas for the purpose of classification of ecological status. These procedures allow standardisation of sampling methods for descriptions of fish communities. The use of standardised methods is a critical requirement for the comparability of results

13.110

Masinate ohutus

Safety of machinery

KAVANDITE ARVAMUSKÜSITLUS

prEVS 18553

Tähtaeg: 2003-02-01

Identne prEN 1005-2:2002

Safety of machinery - Human physical performance - Part 2: Manual handling of machinery and component parts of machinery

This European Standard specifies ergonomic recommendations for the design of machinery involving manual handling of machinery and component parts of machinery, including tools linked to the machine, in professional and domestic applications

prEVS 54471

Tähtaeg: 2003-02-01

Identne prEN 1760-3:2002

Safety machinery - Pressure sensitive protective devices - Part 3: General principles for the design and testing of pressure sensitive bumpers, plates, wires and similar devices

This European Standard deals with requirements for pressure sensitive protective devices which are not specified in EN 1760-1 and EN 1760-2. The majority of these devices are produced for specific applications and are not available as off-the-shelf items

prEVS 54910

Tähtaeg: 2003-01-01

Identne IEC 61508-

1:1998+corr:1999

ja identne EN 61508-1:2001

Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 1: General requirements

Sets out a generic approach for all safety lifecycle activities for systems comprised of electrical and/or electronic and/or programmable electronic components (electrical / electronic / programmable electronic systems (E/E/PESs)) that are used to perform safety functions. This unified approach has been adopted in order that a rational and consistent technical policy be developed for all electrically-based safety-related systems. Is intended to facilitate the development of application sector standards. Has the status of a basic safety publication in accordance with IEC Guide 104.

13.120

Ohutus kodus

Domestic safety

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54882

Tähtaeg: 2003-01-01

Identne EN 60335-2-21:1999/A12:2002

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

This standard applies to stationary non-instantaneous storage water heaters intended for heating water to a temperature below its boiling point. Water heaters may be thermally insulated for long-term storage or uninsulated for temporary storage of hot water. Water heaters not intended for normal household use, but which nevertheless may be a source of danger to the public, such as water heaters intended to be used in shops, in light industry and on farms, are within the scope of this standard.

13.180

Ergonoomia

Ergonomics

KAVANDITE ARVAMUSKÜSITLUS

prEVS 18553

Tähtaeg: 2003-02-01

Identne prEN 1005-2:2002

Safety of machinery - Human physical performance - Part 2: Manual handling of machinery and component parts of machinery

This European Standard specifies ergonomic recommendations for the design of machinery involving manual handling of machinery and component parts of machinery, including tools linked to the machine, in professional and domestic applications

13.220.20

Tulekaitsevahendid

Fire protection

UUED STANDARDID

EVS-EN 13986:2002

Hind 199,00

Identne EN 13986:2002

Wood-based panels for use in construction - Characteristics, evaluation of conformity and marking

This European Standard defines wood-based panels for use in construction and specifies the relevant characteristics and the appropriate test methods to determine these characteristics for wood-based panels, unfaced, overlaid, veneered or coated: · for internal use as structural components in dry conditions; · for internal (or protected external) use as structural components in humid conditions; · for external use as structural components

EVS-EN 54-5:2001/A1:2002

Hind 92,00

Identne EN 54-5:2000/A1:2002

Fire detection and fire alarm systems - Part 5: Heat detectors - Point detectors

This standard specifies the requirements, test methods and performance criteria for point heat detectors for use in fire detection and fire alarm systems for buildings (see EN 54-1:1996). For other types of heat detector, or for detectors intended for use in other environments, this standard should only be used for guidance. Heat detectors with special characteristics and developed for specific risks are not covered by this standard

EVS-EN 54-7:2001/A1:2002

Hind 92,00

Identne EN 54-7:2000/A1:2002

Fire detection and fire alarm systems - Part 7: Smoke detectors - Point detectors using scattered light, transmitted light or ionization

This standard specifies requirements, test methods and performance criteria for point smoke detectors that operate using scattered light, transmitted light or ionization, for use in fire detection and fire alarm systems for buildings (see EN 54-1:1996). For other types of smoke detector, or smoke detectors working on different principles, this standard should only be used for guidance. Smoke detectors with special characteristics and developed for specific risks are not covered by this standard

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 32821

Tähtaeg: 2003-02-01

Identne prEN 12845:2002

Fixed firefighting systems - Automatic sprinkler systems - Design, installation and maintenance

This standard specifies requirements and gives recommendations for the design, installation and maintenance of fixed fire sprinkler systems in buildings and industrial plant, and particular requirements for sprinkler systems, which are integral to measures for the protection of life

prEVS 39742

Tähtaeg: 2003-02-01

Identne prEN 12094-2:2002

Fixed firefighting systems - Components for gas extinguishing systems - Part 2: Requirements and test methods for nonelectrical automatic control and delay devices

This European Standard specifies requirements and test methods for non-electrical automatic control devices incorporating non-electrical delay devices for CO₂, inert gas- or halo-carbon-gas fire extinguishing systems

prEVS 54368

Tähtaeg: 2003-02-01

Identne EN 54-3:2001/A1:2002

Fire detection and fire alarm systems - Part 3: Fire alarm devices - Sounders

This standard specifies the requirements, test methods and performance criteria for fire alarm sounders in a fixed installation intended to signal an audible warning of fire between a fire detection and fire alarm system and the occupants of a building. It is intended to cover only those devices which derive their operating power by means of a physical electrical connection to an external source such as a fire alarm system. This standard specifies audible fire alarm devices for two types of application environment, type A for indoor use and type B for outdoor use

13.220.40

Materjalide ja toodete süttivus ning põlemislaad

Ignitability and burning behaviour of materials and products

UUED STANDARDID

EVS-EN ISO 15025:2002

Hind 109,00

Identne ISO 15025:2000

ja identne EN ISO 15025:2002

Protective clothing - Protection against heat and flame - Method of test for limited flame spread

This International Standard specifies a method for the measurement of limited flame spread properties of vertically oriented textile fabrics and industrial products in the form of single or multi-component fabrics (coated, quilted, multilayered, sandwich constructions, and similar combinations), when subjected to a small defined flame. This test method is not appropriate for materials that demonstrate extensive melting or shrinkage

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54816

Tähtaeg: 2003-01-01

Identne EN 50289-4-11:2002

Communication cables Specifications for test methods - Part 4-11: Environmental test methods A horizontal integrated fire test method

This Part 4-11 of EN 50289 specifies a horizontal integrated fire test method for determining flame-propagation distance, optical smoke density, total heat release, heat release rate, time to ignition and flaming droplets/particles for communication cables.

prEVS 54869

Tähtaeg: 2003-01-01

Identne EN 50306-1:2002

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 1: General requirements

EN 50306-1 specifies the general requirements applicable to the cables given EN 50306-2, EN 50306-3 and EN 50306-4. It includes the detailed requirements for S1 and S2 sheathing materials and other components called up in the separate Parts.

prEVS 54870

Tähtaeg: 2003-01-01

Identne EN 50306-2:2002

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 2: Single core cables

EN 50306-2 specifies requirements for, and constructions and dimensions of, single core cables, rated 300 V to earth, of the following type: Unscreened (0,5 mm 2 to 2,5 mm 2 single core) All cables have stranded tinned copper conductors and thin wall thickness, halogen-free insulation. They are for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered. The requirements provide for a continuous operational life at 105 °C, and a maximum temperature for short-circuit conditions of 160 °C based on a duration of 5 seconds.

prEVS 54871

Tähtaeg: 2003-01-01

Identne EN 50306-3:2002

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 3: Single core and multicore cables (pairs, triples and quads) screened and thin wall sheathed

EN 50306-3 specifies requirements for, and constructions and dimensions of, multicore cables, rated 300 V to earth, of the following type: Screened (0,5 mm 2 to 2,5 mm 2, number of cores from 1 to 4) All cables have stranded tinned copper conductors, and thin wall thickness, halogen-free, insulation and sheath. They are for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered. The requirements provide for a continuous operational life at temperatures of 90 °C or 105 °C dependent upon the sheath system type.

prEVS 54872

Tähtaeg: 2003-01-01

Identne EN 50306-4:2002

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 4: Multicore and multipair cables standard wall sheathed

EN 50306-4 specifies requirements for, and constructions and dimensions of, multicore and multipair cables rated 300 V to earth, of the following types: - unscreened, sheathed for either exposed or protected wiring (0,5 mm 2 to 2,5 mm 2, number of cores from 2 to 48); - screened, sheathed for either exposed or protected wiring (0,5 mm 2 to 2,5 mm 2, number of cores from 2 to 8); - screened, sheathed for either exposed or protected wiring (0,5 mm 2 to 1,5 mm 2, number of pairs of cores from 2 to 7).

13.220.50

Ehitusmaterjalide ja -elementide tulepüsivus

Fire-resistance of building materials and elements

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 21828

Tähtaeg: 2003-02-01

Identne prEN 1364-3:2002

Fire resistance tests for non-loadbearing elements - Part 3: Curtain walling - Full configuration (complete assembly)

This European Standard specifies a method for determining the fire resistance of curtain walling systems. This standard should be read in conjunction with EN 1363-1

13.220.99

Muud tulekaitsevahenditega seotud standardid

Other standards related to fire protection

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 40006

Tähtaeg: 2003-01-01

Identne IEC 60695-6-1:2001

ja identne EN 60695-6-1:2001

Fire hazard testing - Part 6-1: Smoke opacity - General guidance

This document gives guidance on:

a) the optical measurement of smoke obscuration, b) the general aspects of optical smoke test methods, c) the consideration of test methods, d) the expression of smoke test data, and e) the relevance of optical smoke data to hazard assessment.

13.230

Plahvatusohutus

Explosion protection

UUED STANDARDID

EVS-EN 13980:2002

Hind 155,00

Identne EN 13980:2002

Potentially explosive atmospheres - Application of quality systems

This European Standard specifies particular requirements and guidance on the establishment and maintenance of a quality system to meet the requirements of Directive 94/9/EC with respect to Annex IV and Annex VII.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 12386

Tähtaeg: 2003-02-01

Identne prEN 13463-6:2002

Non-electrical equipment for potentially explosive atmospheres - Part 6: Protection by control of ignition source 'b'

This European standard specifies the requirements for the design and construction of equipment, intended for use in potentially explosive atmospheres, protected by the type of protection - Control of ignition source "b"

prEVS 54495

Tähtaeg: 2003-02-01

Identne prEN 14522:2002

Determination of the minimum ignition temperature of gases and vapours

This standard test method is designed to determine the minimum ignition temperature of a flammable gas or vapour in mixture with air or air/inert gas at ambient pressure up to 650 °C. It is not suitable to describe the interactions of hot surfaces with explosives

prEVS 54530

Tähtaeg: 2003-02-01

Identne prEN 13463-5:2002

Non-electrical equipment intended for use in potentially explosive atmospheres - Part 5: Protection by constructional safety

This European standard specifies the requirements for the design and construction of non-electrical equipment, intended for use in potentially explosive atmospheres, protected by the type of protection Constructional Safety "c"

prEVS 54539

Tähtaeg: 2003-02-01

Identne prEN 13463-3:2002

Non-electrical equipment for potentially explosive atmospheres - Part 3: Protection by flameproof enclosure 'd'

This European Standard specifies the requirements for the design, assessment, construction and testing of equipment intended for use in potentially explosive gas or dust atmospheres, protected by the type of protection Flameproof enclosure d

prEVS 54763

Tähtaeg: 2003-02-01

Identne prEN 13673-1:2002

Determination of the maximum explosion pressure and the maximum rate of pressure rise of gases and vapours - Part 1: Determination of the maximum explosion pressure

The standard test method is designed to produce measurement of the explosion pressure and the maximum explosion pressure of a quiescent flammable gas/air/ inert mixture in an empty closed volume at ambient temperature and pressure. This European Standard does not consider mixtures that contain an increased content of oxygen

13.240

Ülerõhukaitse

Protection against excessive pressure

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54609

Tähtaeg: 2003-02-01

Identne ISO/FDIS 4126-6:2002

ja identne prEN ISO 4126-6:2002

Safety devices for protection against excessive pressure - Part 6: Application, selection and installation of bursting disc safety devices

This standard gives guidance on the application, selection and installation of bursting disc safety devices used to protect pressure equipment from excessive pressure and/or excessive vacuum. Annex A provides a checklist for the information to be supplied by the purchaser to the manufacturer

13.260

Elektrilöögikaitse

Protection against electric shock

KAVANDITE ARVAMUSKÜSITLUS

prEVS 34563

Tähtaeg: 2003-01-01

Identne IEC 61057:1991

ja identne EN 61057:1993

Aerial devices with insulating boom used for live working exceeding 1 kV a.c.

This standard is applicable to aerial devices (mobile elevating work platforms (MEWP)), with or without the possibility of an additional jib, as a minimum with an insulating upper boom (extending structure), used for live working on the nominal voltage, which is between 1 kV r.m.s. and 800 kV r.m.s., at power frequency. prEVS 54929

Tähtaeg: 2003-01-01

Identne IEC 61478:2001

ja identne EN 61478:2001

Live working -Ladders of insulating material

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

13.300

Kaitse ohtlike kaupade eest

Protection against dangerous goods

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54496

Tähtaeg: 2003-02-01

Identne prEN 12285-1:2002

Workshop fabricated steel tanks - Part 1: Horizontal cylindrical single skin and double skin tanks for the underground storage of flammable and non-flammable water polluting liquids

This standard specifies the requirements for shop fabricated cylindrical, horizontal steel tanks, single and double skin for the underground storage of water polluting liquids (both flammable and non-flammable) within the following limits: - from 800 mm up to 3000 mm nominal diameter and,- up to a maximum overall length of 6 times the nominal diameter and,- for liquids with a maximum density of up to 1,9 kg/l and,- with an operating pressure (p_o) of maximum 1,5 bar (abs.) and,- for double skin tanks with a vacuum leak detection system where the kinematic viscosity does not exceed 5 x 10⁻³ m²/s

13.320**Häire- ja
hoiatussüsteemid**

Alarm and warning systems

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 30136

Tähtaeg: 2003-01-01

Identne IEC 60849:1998

ja identne EN 60849:1998

**Sound systems for emergency
purposes**

This international standard applies to sound reinforcement and distribution systems to be used to effect a rapid and orderly mobilization of occupants in an indoor or outdoor area in an emergency situation. This standard applies to systems using tone signals and to systems with voice announcements for emergency purposes.

13.340.10**Kaitserõivad**

Protective clothing

UUED STANDARDID**EVS-EN ISO 14877:2002**

Hind 126,00

Identne ISO 14877:2002

ja identne EN ISO 14877:2002

**Protective clothing for abrasive
blasting operations using
granular abrasives**

This European draft standard specifies minimum requirements and test methods for protective clothing for abrasive blasting operations and for hand protection, for the treatment of surfaces with granular abrasives propelled by compressed air or by mechanical means. The protection against substances that develop during the blasting operation as well as connections between the protective clothing and the respiratory protective device are also covered. This European draft standard does not apply to steam blasting, jet blasting and flame blasting operations.

EVS-EN ISO 15025:2002

Hind 109,00

Identne ISO 15025:2000

ja identne EN ISO 15025:2002

**Protective clothing - Protection
against heat and flame -
Method of test for limited flame
spread**

This International Standard specifies a method for the measurement of limited flame spread properties of vertically oriented textile fabrics and industrial products in the form of single or multi-component fabrics (coated, quilted, multilayered, sandwich constructions, and similar combinations), when subjected to a small defined flame. This test method is not appropriate for materials that demonstrate extensive melting or shrinkage

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 54768

Tähtaeg: 2003-02-01

Identne ISO/DIS 12402-6:2002

ja identne prEN ISO 12402-6:2002

**Personal flotation devices - Part
6: Special purpose lifejackets
and buoyancy aids - Safety
requirements and additional
test methods**

This part of prEN ISO 12402 specifies the safety requirements and additional test methods for special purpose lifejackets and buoyancy aids (hereafter referred to as special purpose devices) in combination with the requirements specified in prEN ISO 12402-1 to 5 prEVS 55047

Tähtaeg: 2003-02-01

Identne ISO/DIS 12402-10:2002

ja identne prEN ISO 12402-
10:2002**Personal flotation devices - Part
10: Selection and application of
flotation devices and other
relevant devices**

This part of EN ISO 12402-10 gives guidance for the selection and application of personal flotation devices complying with the other relevant parts of EN ISO 12402. It also applies to the selection and application of safety harnesses and immersion suits prEVS 55048

Tähtaeg: 2003-02-01

Identne ISO/DIS 12402-7:2002

ja identne prEN ISO 12402-7:2002

**Personal flotation devices -
Part 7: Materials and
components - Safety
requirements and test methods**

This part of prEN ISO 12402 specifies the requirements for construction, performance and marking of materials and components of personal flotation devices as well as relevant test methods

13.340.20**Pea kaitsevahendid**

Head protective equipment

UUED STANDARDID**EVS-EN 170:2002**

Hind 101,00

Identne EN 170:2002

**Personal eye-protection -
Ultraviolet filters -****Transmittance requirements
and recommended use**

This European Standard specifies the scale numbers and transmittance requirements for filters for protection against ultraviolet radiation.

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 54549

Tähtaeg: 2003-02-01

Identne EN 12492:2000/A1:2002

**Mountaineering equipment -
Helmets for mountaineers -
Safety requirements and test
methods**

This standard specifies safety requirements and test methods for safety helmets for use in mountaineering.

13.340.30**Respiraatorid**

**Respiratory protective
devices**

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 54476

Tähtaeg: 2003-02-01

Identne prEN 13949:2002

**Respiratory equipment - Open-
circuit self-contained diving
apparatus for use with
compressed Nitrox and oxygen
- Requirements, testing,
marking**

This European Standard applies to self-contained open-circuit compressed Nitrox gas (oxygen content greater than 22 %) or oxygen underwater breathing apparatus (Nitrox-SCUBA). This European Standard defines additional requirements, exceptions and tests for Nitrox- or oxygen-SCUBA to those already given in EN 250

prEVS 54477

Tähtaeg: 2003-02-01

Identne prEN 144-3:2002

**Respiratory protective devices -
Gas cylinder valves - Part 3:**

**Outlet connections for diving
gases Nitrox and oxygen**

This European Standard is applicable to a thread connection used for the connection between a gas cylinder valve and a pressure reducer for respiratory equipment for diving containing breathable nitrox gas with an oxygen content greater than 22 % or oxygen. This European Standard specifies the dimensions and tolerances for connections which are used for respiratory equipment
prEVS 54561

Tähtaeg: 2003-02-01

Identne prEN 14529:2002

**Respiratory protective devices -
Self-contained open-circuit
compressed air breathing
apparatus with half mask
designed to include a positive
pressure lung governed demand
valve for escape purposes only -
Requirements, testing, marking**

This European Standard refers to self-contained open-circuit compressed air breathing apparatus with half mask designed to include a positive pressure lung governed demand valve for escape purposes only (in short: lung governed demand compressed air escape apparatus). It specifies minimum requirements for compressed air escape apparatus
prEVS 54834

Tähtaeg: 2003-02-01

Identne prEN 402:2002

**Respiratory protective devices -
Lung governed demand
self-contained open-circuit
compressed air breathing
apparatus with full face mask or
mouthpiece assembly for escape
- Requirements, testing,
marking**

This European Standard specifies minimum requirements for lung governed demand self-contained open-circuit compressed air breathing apparatus for escape. This European Standard does not apply to apparatus for work and rescue or to diving apparatus. Laboratory and practical performance tests are included for the assessment of compliance with the requirements

13.340.40

Kaitsekindad

Protective gloves

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 54473

Tähtaeg: 2003-02-01

Identne prEN 407:2002

**Soojuse poolt tekitatava ohu
(kuumuse ja/või leegi) eest
kaitsvad kindad**

This standard specifies test methods, general requirements, levels of thermal performance and the marking for protective gloves against heat and/or fire. It is to be used for all gloves which protect the hands against heat and/or flames in one or more of the following forms: fire, contact heat, convective heat, radiant heat, small splashes or large quantities of molten metal

13.340.50

Kaitsejalatsid

Protective footwear

UUED STANDARDID

EVS-EN 13634:2002

Hind 130,00

Identne EN 13634:2002

**Protective footwear for
professional motorcycle riders -
Requirements and test methods**

This European Standard applies to protective footwear for professional motorcycle riders for use while riding motorcycles for on or off road activities. It specifies the requirements for protection, ergonomic characteristics, innocuousness, mechanical properties, cleaning, marking and information for users. It also describes the appropriate test methods

17

METROLOOGIA JA

MÕÕTMINE.

FÜÜSIKALISED

NÄHTUSED

METROLOGY AND

MEASUREMENT.

PHYSICAL PHENOMENA

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 55029

Tähtaeg: 2003-02-01

Identne prEN 10049:2002

**Measurement of roughness
average Ra and peak count R_p
on metallic flat products**

The method of measurement described is used to determine the surface roughness parameters of metallic flat products. This standard defines the roughness measurement conditions for two groups of products

17.040.01

**Joon- ja nurgamõõtmised
üldiselt**

Linear and angular

measurements in general

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54938

Tähtaeg: 2003-02-01

Identne ISO 1119:1998

ja identne EN ISO 1119:2002

**Geometrical product
specifications (GPS) - Series of
conical tapers and taper angles**

This International Standard gives a series of conical tapers, ranging from 120° to less than 1°, or ratios from 1:0,289 to 1:500, intended for general use in mechanical engineering

17.040.20

Pindade omadused

Properties of surfaces

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 35148

Tähtaeg: 2003-02-01

Identne prEN 13036-7:2002

**Road and airfield surface
characteristics - Test methods -
Part 7: Irregularity**

**measurement of pavement
courses - the straightedge test**

This European Standard describes a standard apparatus and a test method (see NOTE of A.1) for measuring single irregularities attributable to quality defects in new surface course(s) of roads, airfields and other trafficked surfaces as well as in-service surfaces

prEVS 54778

Tähtaeg: 2003-02-01

Identne prEN 10318:2002

Determination of thickness and chemical composition of zinc and aluminium-based metallic coatings - Routine method

This European Standard specifies a glow discharge optical emission spectrometric method for the determination of the thickness and chemical composition of metallic surface coatings consisting of zinc and aluminium based alloys. The alloying elements considered are aluminium, nickel, iron, silicon and lead

17.060

Mahu, massi, tiheduse, viskoossuse mõõtmise

Measurement of volume, mass, density, viscosity

UUED STANDARDID

EVS-EN 13798:2002

Hind 75,00

Identne EN 13798:2002

Hydrometry - Specification for a reference rain gauge pit

This European Standard specifies the design of a reference rain gauge pit. The specified details of the pit and the grating, are purposely kept to a minimum in order to allow each rain gauge operator latitude in their construction and to suit local conditions

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54676

Tähtaeg: 2003-02-01

Identne ISO 8655-1:2002

ja identne EN ISO 8655-1:2002

Piston-operated volumetric apparatus - Part 1: Terminology, general requirements and user recommendations

This part of ISO 8655 specifies the general requirements for piston-operated volumetric apparatus. It is applicable to piston pipettes, piston burettes, dilutors and dispensers. It furthermore defines terms for the use of piston-operated volumetric apparatus and gives user recommendations

prEVS 54678

Tähtaeg: 2003-02-01

Identne ISO 8655-2:2002

ja identne EN ISO 8655-2:2002

Piston-operated volumetric apparatus - Part 2: Piston pipettes

This part of ISO 8655 specifies - metrological requirements, - maximum permissible errors, - requirements for marking and - information to be provided for users, for air-displacement and positive-displacement single-channel and multi-channel piston pipettes

prEVS 54684

Tähtaeg: 2003-02-01

Identne ISO 8655-3:2002

ja identne EN ISO 8655-3:2002

Piston-operated volumetric apparatus - Part 3: Piston burettes

This part of ISO 8655 specifies - metrological requirements, - maximum permissible errors, - requirements for marking and - information to be provided for users, for piston burettes. It is applicable to piston burettes with nominal volumes up to 100 ml, designed to deliver their volume (Ex)

prEVS 54686

Tähtaeg: 2003-02-01

Identne ISO 8655-4:2002

ja identne EN ISO 8655-4:2002

Piston-operated volumetric apparatus - Part 4: Dilutors

This part of ISO 8655 specifies - metrological requirements, - maximum permissible errors, - requirements for marking and - information to be provided for users, for dilutors with a sample uptake capacity from 5 µl to 100 ml. They are designed to deliver the sample and diluent together in measured proportion and measured volume

prEVS 54690

Tähtaeg: 2003-02-01

Identne ISO 8655-5:2002

ja identne EN ISO 8655-5:2002

Piston-operated volumetric apparatus - Part 5: Dispensers

This part of ISO 8655 specifies - metrological requirements, - maximum permissible errors, - requirements for marking and - information to be provided for users for dispensers. It is applicable to dispensers volumes from 1 µl up to 200 ml, designed to deliver their volume (Ex)

prEVS 54692

Tähtaeg: 2003-02-01

Identne ISO 8655-6:2002

ja identne EN ISO 8655-6:2002

Piston-operated volumetric apparatus - Part 6: Gravimetric methods for the determination of measurement error

This part of ISO 8655 specifies the reference method for conformity testing of piston-operated volumetric apparatus, whereby errors of measurement are determined gravimetrically. The tests are applicable to complete system comprising the basic apparatus and all parts selected for use with the apparatus, disposable or reusable, involved in the measurement by uptake (In) or delivery (Ex) process

17.140.01

Akustilised mõõtmised ja müra vähendamise üldküsimumused

Acoustic measurements and noise abatement in general

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 18334

Tähtaeg: 2003-02-01

Identne ISO 11904-1:2002

ja identne EN ISO 11904-1:2002

Acoustics - Determination of sound immissions from sound sources placed closed to the ears - Part 1: Technique using a microphone in real ear (MIRE-technique)

This part of ISO 11904 specifies basic framework measurement methods for sound immission from sound sources placed close to the ear. These measurements are carried out with miniature or probe microphones inserted in the ear canals of human subjects

prEVS 27424

Tähtaeg: 2003-01-01

Identne IEC 60711:1981

ja identne HD 443 S1:1983

Occluded-ear simulator for the measurement of earphones coupled to the ear by ear inserts

Specifies an occluded-ear simulator, intended for the calibration of insert earphones in the frequency range 100 Hz to 10 000 Hz in terms of the sound pressure at the eardrum.

prEVS 54257

Tähtaeg: 2003-02-01

Identne ISO 9614-3:2002

ja identne EN ISO 9614-3:2002

Acoustics - Determination of sound power levels of noise sources using sound intensity - Part 3: Precision method for measurement by scanning

This part of ISO 9614 specifies a method for measuring the component of sound intensity normal to a measurement surface which is chosen so as to enclose the sound source(s) of which the sound power level is to be determined

17.140.50

Elektroakustika

Electroacoustics

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 27267

Tähtaeg: 2003-01-01

Identne IEC 60268-7:1996

ja identne EN 60268-7:1996

Sound system equipment - Part 7: Headphones and earphones

This part of IEC 268 applies to headphones, headsets, earphones and earsets, intended to be used on, or in, the human ear. It also applies to equipment, such as pre-amplifiers, passive networks and power supplies which form an integral part of the headphone system.

prEVS 27758

Tähtaeg: 2003-01-01

Identne IEC 60126:1973

ja identne HD 305 S1:1977

IEC reference coupler for the measurement of hearing aids using earphones coupled to the ear by means of ear inserts

Describes a coupler for loading the earphone with a specified acoustic impedance when determining the physical performance characteristics, in the frequency range 200 Hz to 5 000 Hz, of air-conduction hearing aids using earphones coupled to the ear by means of ear inserts, e.g. ear moulds or similar devices.

prEVS 28877

Tähtaeg: 2003-01-01

Identne IEC 60268-

5:1989+A1:1993+A2:1996

ja identne EN 60268-5:1996+A2:1996

Sound system equipment - Part 5: Loudspeakers

Applies to sound system loudspeakers, treated as entirely passive elements. Gives the characteristics to be specified and the relevant methods of measurement for loudspeakers using sinusoidal or specified noise signals. Supersedes IEC 200.

prEVS 54656

Tähtaeg: 2003-01-01

Identne IEC 60118-11:1983

ja identne HD 450.11 S1:1985

Hearing aids; Part 11: Symbols and other markings on hearing aids and related equipment

Applies to symbols and other markings on hearing aids and related equipment for the purpose of identifying control setting and giving information regarding technical functions and characteristics. Provides symbols and markings for the benefit of users and those involved in the fitting of hearing aids and related equipment.

prEVS 54657

Tähtaeg: 2003-01-01

Identne IEC 60118-3:1983

ja identne HD 450.3 S1:1984

Hearing aids; Part 3: Hearing aids equipment not entirely worn on the listener

Describes a method of determining the overall electro-acoustical performance of hearing aid equipment used in the rehabilitation of persons having impaired hearing.

prEVS 54658

Tähtaeg: 2003-01-01

Identne IEC 60118-5:1983

ja identne HD 450.5 S1:1985

Hearing aids; Part 5: Nipples for insert earphones

Applicable to insert earphones which can be fitted to an earmould inserted into the ear canal. Defines those dimensions which are essential in order to ensure interchangeability of insert earphones as used with earmoulds or other attachments to the ear.

prEVS 54660

Tähtaeg: 2003-01-01

Identne IEC 60118-9:1985

ja identne HD 450.9 S1:1987

Hearing aids; Part 9: Methods of measurement of characteristics of hearing aids with bone vibrator output

Defines a method of expressing the input/output ratio as an acousto-mechanical sensitivity level measured on a mechanical coupler according to the second edition of IEC 60373. Provides a suitable basis for the exchange of information or for direct comparison of the electroacoustic characteristics of hearing aids using bone vibrator outputs. The methods chosen are practical and

reproducible and are based on selected fixed parameters.

prEVS 54801

Tähtaeg: 2003-01-01

Identne IEC 61842:2002

ja identne EN 61842:2002

Microphones and earphones for speech communications

Applies to the microphone part and earphone part of handsets, headsets or earsets for speech communications, and also to the microphone units and earphone units of built-in handsets, headsets or earsets. Establishes definitions relating to these electroacoustic transducers, standardizes the characteristics to be specified and the relevant methods of measurement.

prEVS 54924

Tähtaeg: 2003-01-01

Identne IEC 61094-5:2001

ja identne EN 61094-5:2001

Measurement microphones - Part 5: Methods for pressure calibration of working standard microphones by comparison

Applies to working standard microphones with removable protection grids meeting the requirements of IEC 61094-4 and to laboratory standard microphones meeting the requirements of IEC 61094-1. Describes methods of determining the pressure sensitivity by comparison with either a laboratory standard microphone that has been calibrated according to IEC 61094-2, or another working standard microphone that has been calibrated according to this part of IEC 61094.

prEVS 54944

Tähtaeg: 2003-01-01

Identne IEC 60601-2-37:2001

ja identne EN 60601-2-37:2001

Medical electrical equipment - Part 2-37: Particular requirements for the safety of ultrasonic medical diagnostic and monitoring equipment

Establishes particular requirements for the safety of ultrasonic diagnostic equipment and those aspects thereof which are directly related to safety. Does not cover ultrasonic therapeutic equipment; however, equipment used for the imaging of body structures by ultrasound in conjunction with therapeutic modalities is covered.

prEVS 54945

Tähtaeg: 2003-01-01

Identne IEC 62092:2001

ja identne EN 62092:2001

Ultrasonics - Hydrophones - Characteristics and calibration in the frequency range from 15 MHz to 40 MHz

Applies to - hydrophones employing piezoelectric sensor elements, designed to measure the pulsed and continuous-wave ultrasonic fields generated by ultrasonic equipment; - hydrophones used for measurements made in water and in the frequency range between 15 MHz and 40 MHz; - hydrophones with or without an integral amplifier; - hydrophones with a circular piezoelectrically active element. Specifies - relevant hydrophone characteristics; - methods of determining directional response and hydrophone sensitivity based on relative or comparative measurements; and describes - absolute hydrophone calibration methods. Recommendations and references to accepted literature are made for the various relative and absolute calibration methods in the frequency range covered by this International Standard.

17.220

Elekter. Magnetism. Elektrilised ja magnetilised mõõtmised

Electricity. Magnetism. Electrical and magnetic measurements

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54820
Tähtaeg: 2003-01-01
Identne IEC 61788-7:2002
ja identne EN 61788-7:2002
Superconductivity - Part 7: Electronic characteristic measurements -Surface resistance of superconductors at microwave frequencies
Describes measurement of the surface resistance of superconductors at microwave frequencies by the standard two-resonator method. The object of measurement is the temperature dependence of R_s at the resonant frequency.

17.220.01

Elekter. Magnetism. Elektrilised ja magnetilised mõõtmised. Üldised aspektid

Electricity. Magnetism. General aspects

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22937
Tähtaeg: 2003-01-01
Identne IEC 60865-1:1993
ja identne EN 60865-1:1993
Short-circuit currents - Calculation of effects - Part 1: Definitions and calculation methods
Contains standardized procedures for the calculation of the effects of short-circuit currents in two sections as follows: - the electromagnetic effect on rigid conductors and flexible conductors; the thermal effect on bare conductors. Only a.c. systems for rated voltages up to and including 420 kV are dealt with.

17.220.20

Elektriliste ja magnetiliste suuruste mõõtmine

Measurement of electrical and magnetic quantities

KAVANDITE ARVAMUSKÜSITLUS

prEVS 23093
Tähtaeg: 2003-01-01
Identne IEC 60868-0:1991
ja identne EN 60868-0:1993
Flickermeter - Part 0: Evaluation of flicker severity
This report deals with flickermeters and specifies evaluation of flicker severity. It is complementary to IEC 868.
prEVS 27774
Tähtaeg: 2003-01-01
Identne IEC 60776:1983
ja identne HD 469 S1:1987
Expression of the properties of logic analysers
Lays down uniform methods of expression of the properties of logic analyzers, and more particularly: - defines special terminology and catalogue data related to these types of apparatus; - specifies conditions and methods for testing these types of apparatus in order to verify compliance with

properties claimed or specified by the manufacturer.

prEVS 54545

Tähtaeg: 2003-01-01

Identne IEC 60044-3:1980

ja identne HD 548.3 S1:1992

Instrument transformers; Part 3: Combined transformers

Covers requirements, in addition to those given in IEC 60185 and 60186, for transformers with combined voltage and current in the same casing.

prEVS 54806

Tähtaeg: 2003-01-01

Identne IEC 60359:2001

ja identne EN 60359:2002

Electrical and electronic measurement equipment - Expression of performance

Applies to the specification of performance, with primary reference to industrial applications, of the following kinds of electrical and electronic equipment: - indicating and recording instruments which measure electrical quantities; - material measure

17.220.99

Muud elektri ja magnetismiga seotud standardid

Other standards related to electricity and magnetism

KAVANDITE ARVAMUSKÜSITLUS

prEVS 28924

Tähtaeg: 2003-01-01

Identne IEC 61061-3-1:1998

ja identne EN 61061-3-1:1998

Non-impregnated densified laminated wood for electrical purposes - Part 3: Specifications for individual materials - Sheets 1: Sheets produced from beech veneer

This sheet 1 of part 3 of the standard specifies the requirements for individual types sheets of non-impregnated densified laminated wood from beech defined in IEC 61061-1.

prEVS 35868

Tähtaeg: 2003-01-01

Identne IEC 61061-3-2:2001

ja identne EN 61061-3-2:2001

Non-impregnated, densified, laminated wood for electrical purposes - Part 3: Specifications for individual materials - Sheet 2: Rings produced from beech veneer

This sheet of IEC 61061-3 specifies the requirements for individual types of rings of non-impregnated, densified laminated wood produced from beech veneer defined in IEC 61061-1.

prEVS 35960

Tähtaeg: 2003-01-01

Identne IEC 60216-1:2001

ja identne EN 60216-1:2001

Electrical insulating materials - Properties of thermal endurance - Part 1: Ageing procedures and evaluation of test results

This part of IEC 216 specifies the general ageing conditions and procedures to be used for deriving thermal endurance characteristics, and gives guidance in using the detailed instructions and guidelines in the other parts of the standard. Simplified procedures are also given, with the conditions under which these procedures may be used.

prEVS 38410

Tähtaeg: 2003-01-01

Identne IEC 60567:1992

ja identne EN 60567:1992

Guide for the sampling of gases and of oil from oil-filled electrical equipment and for the analysis of free and dissolved gases

This guide deals with the techniques for sampling free gases from gas-collecting relays and for sampling oil from oil-filled equipment such as power and instrument transformers, reactors, bushings, oil-filled cables and oil-filled tank-type capacitors. Three methods of sampling free gases and three methods of sampling oil are described; the choice between the methods often depends of the apparatus available and on the quantity of oil needed for analysis.

prEVS 54941

Tähtaeg: 2003-01-01

Identne IEC 61061-2:1992+

A1:2001

ja identne EN 61061-2:2001+

A1:2001

Specification for non-impregnated, densified laminated wood for electrical purposes - Part 2: Methods of test

Gives methods of test for the materials defined in IEC 61061-1.

prEVS 54954

Tähtaeg: 2003-01-01

Identne IEC 60464-2:2001

ja identne EN 60464-2:2001

Varnishes used for electrical insulation - Part 2: Methods of test

Specifies methods of test to be used for testing varnishes used for electrical insulation. This includes methods of test to be applied before and others to be applied after drying and/or curing of the varnish.

17.240

Kiirgusmõõtmised

Radiation measurements

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54654

Tähtaeg: 2003-01-01

Identne IEC 60710:1981

ja identne HD 442 S1:1983

Radiation protection equipment for the measuring and monitoring of airborne tritium

Lays down mandatory requirements and gives examples of acceptable methods for measuring and monitoring equipment to enable the determination of the average value of the concentration of atmospheric tritium in working areas and its variation as a function of time, and to actuate an alarm system if necessary.

prEVS 54666

Tähtaeg: 2003-01-01

Identne IEC 60768:1983

ja identne HD 462 S1:1987

Process stream radiation monitoring equipment in light water nuclear reactors for normal operating and incident conditions

Applies to equipment for the monitoring of radioactive substances within plant process streams of stationary nuclear power plants with light-water reactors during specified normal operation (routine operation) and during anticipated operational occurrences (incidents). Provides criteria for the design, selection, functional location, testing and calibration of stationary radiation equipment to be used for continuous monitoring of plant process streams.

prEVS 54672

Tähtaeg: 2003-01-01

Identne IEC 60248:1984

ja identne HD 475 S1:1986

Dimensions of planchets used in nuclear electronic instruments

Gives the standard values for the diameters, heights and wall thickness of planchets made in well flat and dish-type configurations.

19.040

Keskkonnakatsetused

Environmental testing

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 5114

Tähtaeg: 2003-01-01

Identne IEC 60068-2-3:1969 + A1:1984

ja identne HD 323.2.3 S2:1987

Basic environmental testing procedures - Part 2: Tests - Test Ca: Damp heat, steady state

The standard describes a continuous test at a steady temperature of 40 Centigrades C and a relative humidity of 90-95%. Standard test duration from 4 to 56 days.

prEVS 33977

Tähtaeg: 2003-01-01

Identne IEC 60721-2-

1:1982+A1:1987

ja identne HD 478.2.1 S1:1989

Classification of environmental conditions - Part 2:

Environmental conditions

appearing in nature -

Temperature and humidity

The standard presents types of open-air climate in terms of temperature and humidity.

Intended to be used as a part of the background material when selecting appropriate temperature and humidity severities for product applications.

prEVS 33978

Tähtaeg: 2003-01-01

Identne IEC 60721-2-2:1988

ja identne HD 478.2.2 S1:1990

Classification of environmental conditions - Part 2:

Environmental conditions

appearing in nature -

Precipitation and wind

The standard presents fundamental properties, quantities for characterization and a classification of environmental conditions dependent on precipitation and wind, relevant for electrotechnical

products. Defines the characteristics of precipitation and wind as background for the severities to which products are liable to be exposed during transportation, storage and use.
prEVS 33980

Tähtaeg: 2003-01-01
Identne IEC 60721-2-4:1987+A1:1988

ja identne HD 478.2.4 S1:1989
Classification of environmental conditions - Part 2:

Environmental conditions appearing in nature - Solar radiation and temperature

The standard defines limiting severities of solar radiation to which products are liable to be exposed during transportation, storage and use.

prEVS 33981
Tähtaeg: 2003-01-01

Identne IEC 60721-2-7:1987
ja identne HD 478.2.7 S1:1990

Classification of environmental conditions - Part 2:

Environmental conditions appearing in nature - Fauna and flora

The standard describes influences from fauna and flora to which products are liable to be exposed during storage, transportation and use.

prEVS 35376
Tähtaeg: 2003-01-01

Identne IEC 60068-2-10:1988
ja identne HD 323.2.10 S3:1988

Basic environmental testing procedures - Part 2: Tests - Test J and Guidance: Mould growth

This test covers the inoculation of assembled specimens with a selection of mould spores followed by a period of incubation under conditions which promote spore germination and the growth of mould. Two variations of the test are given. Variant 1 specifies direct inoculation of the specimen with the mould spores whereas variant 2 specifies the pre-conditioning of the test specimen with nutrients which support mould growth.

prEVS 35389
Tähtaeg: 2003-01-01

Identne IEC 60068-2-46:1982
ja identne HD 323.2.46 S1:1988

Basic environmental testing procedures - Part 2: Tests - Guidance to test Kd: Hydrogen sulphide test for contacts and connections

Gives guidance on the effect of hydrogen sulphide on electrical contacts and the significance of the test in IEC 68-2-43 on the behaviour of contacts exposed to such atmospheres.

prEVS 35391
Tähtaeg: 2003-01-01

Identne IEC 60068-2-54:1985
ja identne HD 323.2.54 S1:1987

Basic environmental testing procedures - Part 2: Tests - Test Ta: Soldering - Solderability testing by the wetting balance method

The object of this test is to determine the solderability of component terminations of any shape. It is specially suitable for reference testing and for components that cannot be quantitatively tested by other methods.

prEVS 54602
Tähtaeg: 2003-01-01

Identne IEC 60068-2-20:1979+A2:1987
ja identne HD 323.2.20 S3:1988

Basic environmental testing procedures; Part 2: Tests; Test 1: Soldering

Describes solderability tests on wire and tag terminations (Ta) and printed wiring boards (Tc), also describes tests for resistance to soldering heat, applicable to components (Tb).

prEVS 54719
Tähtaeg: 2003-01-01

Identne IEC 60721-2-3:1987
ja identne HD 478.2.3 S1:1990

Classification of environmental conditions; Part 2:

Environmental conditions appearing in nature; Air pressure

Indicates values of air pressure to which products are liable to be exposed during storage, transportation and use.

prEVS 54931
Tähtaeg: 2003-01-01

Identne IEC 60068-3-4:2001
ja identne EN 60068-3-4:2002

Environmental testing - Part 3-4: Supporting documentation and guidance Damp heat tests

Provides the necessary information to assist in preparing relevant specifications, such as standards for components or equipment, in order to select appropriate tests and test severities for specific products and, in some cases, specific types of application. The

object of damp heat tests is to determine the ability of products to withstand the stresses occurring in a high relative humidity environment, with or without condensation, and with special regard to variations of electrical and mechanical characteristics. Damp heat tests may also be utilized to check the resistance of a specimen to some forms of corrosion attack.

prEVS 54933
Tähtaeg: 2003-01-01

Identne IEC 60068-3-5:2001
ja identne EN 60068-3-5:2002

Environmental testing - Part 3-5: Supporting documentation and guidance Confirmation of the performance of temperature chambers

Rassemble les informations nécessaires aux rédacteurs qui, lors de l'établissement d'une spécification particulière telles que des normes pour les composants ou les matériels, choisissent les essais appropriés et leurs supports pour un produit particulier et, dans certain cas, pour des types d'application donnés. Le but de ces essais de chaleur humide est de déterminer l'aptitude des produits à supporter les contraintes d'un environnement à forte humidité relative, avec ou sans condensation, et plus particulièrement de déterminer les variations de leurs caractéristiques électriques et mécaniques. Les essais de chaleur humide peuvent aussi être appliqués en vue de vérifier la résistance d'un spécimen à certaines formes d'attaque par corrosion.

prEVS 54934
Tähtaeg: 2003-01-01

Identne IEC 60068-3-6:2001
ja identne EN 60068-3-6:2002

Environmental testing - Part 3-6: Supporting documentation and guidance Confirmation of the performance of temperature/humidity chambers

Provides a uniform and reproducible method of confirming that temperature and humidity test chambers without load conform to the requirements, specified in climatic test procedures contained in IEC 60068-2 and is destined for users when conducting regular chamber performance monitoring.

prEVS 54935
Tähtaeg: 2003-01-01
Identne IEC 60068-3-7:2001
ja identne EN 60068-3-7:2002
Environmental testing - Part 3-7: Supporting documentation and guidance Measurements in temperature chambers for tests A and B (with load)
Provides a uniform and reproducible method of confirming that temperature test chambers conform to the requirements specified in climatic test procedures of IEC 60068-2-1 and IEC 60068-2-2, when loaded with either heat-dissipating or non heat-dissipating specimens under conditions which take into account air circulation inside the working space of the chamber. This standard is destined primarily for users when conducting regular chamber performance monitoring.

prEVS 54942
Tähtaeg: 2003-01-01
Identne IEC 60068-2-78:2001
ja identne EN 60068-2-78:2001
Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state
Provides a test method for determining the suitability of electrotechnical products, components or equipment for transportation, storage and use under conditions of high humidity. The test is primarily intended to permit the observation of the effect of high humidity at constant temperature without condensation on the specimen over a prescribed period. This test provides a number of preferred severities of high temperature, high humidity and test duration. The test can be applied to both heat-dissipating and non-heat dissipating specimens. The test is applicable to small equipment or components as well as large equipment having complex interconnections with test equipment external to the chamber, requiring a set-up time which prevents the use of preheating and the maintenance of specified conditions during the installation period.

prEVS 54980
Tähtaeg: 2003-02-01
Identne EN 300 019-2-5
V2.1.2:2001

Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-5: Specification of environmental tests; Ground vehicle installations
prEVS 54981
Tähtaeg: 2003-02-01
Identne EN 300 019-2-6
V2.1.2:2001

Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-6: Specification of environmental tests; Ship environments
prEVS 54982
Tähtaeg: 2003-02-01
Identne EN 300 019-2-7
V2.1.2:2001

Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-7: Specification of environmental tests; Portable and non-stationary use

19.080

Elektrilised ja elektroonilised katse- ja mõõtevahendid

Electrical and electronic testing

KAVANDITE ARVAMUSKÜSITLUS

prEVS 23092
Tähtaeg: 2003-01-01
Identne IEC 60868:1986 + A1:1990
ja identne EN 60868:1993
Flickermeter - Functional and design specifications
This report gives a functional and design specification for flicker measuring apparatus intended to indicate the correct flicker perception level for all practical voltage fluctuation waveforms. Sufficient information is presented to enable such an instrument to be constructed. It does not specify the method of calculating a flicker severity value, or give tolerable limit values.

prEVS 54850
Tähtaeg: 2003-01-01
Identne IEC 61010-031:2002
ja identne EN 61010-031:2002

Safety requirements for electrical equipment for measurement, control and laboratory use - Part 031: Safety requirements for hand-held probe assemblies for electrical measurement and test
This International Standard applies to hand-held and hand-manipulated PROBE ASSEMBLIES of the types described below, and related accessories which are intended for professional, industrial process, and educational use. These PROBE ASSEMBLIES are for use in the interface between an electrical phenomenon and a measuring or test equipment. They may be fixed to the equipment, or be detachable accessories for the equipment.

prEVS 54960
Tähtaeg: 2003-01-01
Identne IEC 60052:2002
ja identne EN 60052:2002
Voltage measurement by means of standard air gaps
Applies to the construction and use of sphere-gaps for measuring the peak value of alternating, direct and both full standard and longer tail impulse voltages. Peak values of the disruptive voltages in air are given in tabular form. Note: - For high-voltage test techniques, see IEC 60.

19.100

Mittepurustav katsetamine

Non-destructive testing

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54620
Tähtaeg: 2003-02-01
Identne prEN 13927:2002
Non-destructive testing - Visual testing - Equipment
This European Standard describes general requirements for equipment used in visual testing. The application of equipment is necessary in visual testing when:- objects, which are visually or on account of environmental factors not accessible, need to be made accessible to viewing;- the test sensitivity is insufficient;- an imaging record is required

prEVS 54759
Tähtaeg: 2003-02-01
Identne prEN 13860-2:2002

Non-destructive testing - Eddy current examination -

Equipment characteristics and verification - Part 2: Probe characteristics and verification

This European Standard identifies the functional characteristics of a probe and its interconnecting elements and provides methods for their measurement and verification. The evaluation of these characteristics permits a well-defined description and comparability of an eddy current equipment

prEVS 55027

Tähtaeg: 2003-02-01

Identne prEN 14584:2002

Non-destructive testing - Acoustic emission -

Examination of metallic pressure equipment during proof testing - Planar location of AE sources

The purpose of this standard is to describe the method for conducting acoustic emission (AE) examination of metallic pressure equipment during acceptance pressure testing using a planar location method. General principles of Acoustic Emissions are described in EN 13554

21.020

Masinate, aparaatide, seadmete karakteristikud ja konstruktsioon

Characteristics and design of machines, apparatus, equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54725

Tähtaeg: 2003-01-01

Identne IEC 60812:1985

ja identne HD 485 S1:1987

Analysis techniques for system reliability; Procedure for failure mode and effects analysis (FMEA)

Describes Failure Mode and Effects Analysis (FMEA) and Failure Mode, Effects and Criticality Analysis (FMECA). Gives guidance as to how they may be applied: -by providing the procedural steps necessary to perform an analysis; -by identifying appropriate terms, assumptions, criticality measures, failure modes; -by determining ground rules; -by

providing examples of the necessary forms.

prEVS 54907

Tähtaeg: 2003-01-01

Identne IEC 61703:2001

ja identne EN 61703:2002

Mathematical expressions for reliability, availability, maintainability and maintenance support terms

Provides mathematical expressions for reliability, availability, maintainability and maintenance support measures. - Non-repaired items and - repaired items with zero and non-zero time to restoration are considered separately in this standard.

21.060.01

Kinnituselemendid üldiselt

Fasteners in general

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54714

Tähtaeg: 2003-02-01

Identne prEN 14545:2002

Timber structures - Connectors - Requirements

This European Standard specifies requirements for the materials, geometry, strength and durability of connectors for use in load bearing timber structures. For the purpose of this standard, connectors are taken to be shear plates, split ring connectors, tooth plate connectors, punched metal plate fasteners, and nailing plates. Definitions of these items are given in clause 4 below. Only products manufactured from steel are covered by this standard

21.060.40

Needid

Rivets

KAVANDITE ARVAMUSKÜSITLUS

prEVS 29880

Tähtaeg: 2003-02-01

Identne ISO 16585:2002

ja identne EN ISO 16582:2002

Closed end blind rivets with pull mandrel and protruding head - A2/SSt

This International Standard specifies dimensional and mechanical characteristics and application data for closed end blind rivets with break pull mandrel and producing head, with an austenitic stainless-steel body (A2) and a stainless-steel mandrel (SSt) and with nominal diameters, d, from 3,2 mm up to and including 6,4 mm

prEVS 39791

Tähtaeg: 2003-02-01

Identne ISO 16582:2002

ja identne EN ISO 16582:2002

Open end blind rivets with break pull mandrel and protruding head - Cu/St or Cu/Br or Cu/SSt

This International Standard specifies dimensional and mechanical characteristics and application data for open end blind rivets with break pull mandrel and protruding head, with a copper body (Cu) and either a steel (St) or a bronze (Br) or a stainless steel (SSt) mandrel and with nominal diameters, d, from 3 mm up to and including 4,8 mm

prEVS 54780

Tähtaeg: 2003-02-01

Identne ISO 15984:2002

ja identne EN ISO 15984:2002

Open end blind rivets with break pull mandrel and countersunk head - A2/A2

This International Standard specifies dimensional and mechanical characteristics and application data for open end blind rivets with break pull mandrel and countersunk head, with an austenitic stainless steel body (A2) and an austenitic stainless steel mandrel (A2) and with nominal diameters, d, from 3 mm up to and including 5 mm

prEVS 54784

Tähtaeg: 2003-02-01

Identne ISO 16583:2002

ja identne EN ISO 16583:2002

Open end blind rivets with break pull mandrel and countersunk head - Cu/St or Cu/Br or Cu/SSt

This International Standard specifies dimensional and mechanical characteristics and application data for open end blind rivets with break pull mandrel and countersunk head, with a copper body (Cu) and either a steel (St) or a bronze (Br) or a stainless steel (SSt) mandrel and with nominal

diameters from 3 mm up to and including 4,8 mm
prEVS 54874
Tähtaeg: 2003-02-01
Identne ISO 15980:2002
ja identne EN ISO 15980:2002
Open end blind rivets with break pull mandrel and protruding head - St/St
This International Standard specifies dimensional and mechanical characteristics and application data for open end blind rivets with break pull mandrel and protruding head, with a steel body and a steel mandrel and with nominal diameters, d, from 2,4 mm up to and including 6,4 mm
prEVS 54899
Tähtaeg: 2003-02-01
Identne ISO 16584:2002
ja identne EN ISO 16584:2002
Open end blind rivets with break pull mandrel and protruding head - NiCu/St or NiCu/SSt

This International Standard specifies dimensional and mechanical characteristics and application data for open end blind rivets with break pull mandrel, protruding head, with a nickel copper body (NiCu) and either a steel (St) or stainless steel (SSt) mandrel and with nominal diameters, d, from 3,2 mm up to and including 6,4 mm

21.160 Vedrud

Springs

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54487

Tähtaeg: 2003-02-01

Identne prEN 13597:2002

Railway applications - Rubber suspension components - Rubber diaphragms for pneumatic suspension springs

This standard defines :- characteristics that suspension diaphragms shall achieve, together with applicable inspection and test methods to be carried out for verification ; - approval procedure to be implemented by the customer ; - guidelines for qualification of the product with specified requirements ; - quality monitoring of diaphragms in manufacture ; - supply requirements

21.200 Hammasülekanded

Gears

UUED STANDARDID

EVS-EN ISO 13691:2002

Hind 229,00

Identne ISO 13691:2001

ja identne EN ISO 13691:2001

Petroleum and natural gas industries - High-speed specialpurpose gear units

This International Standard specifies the minimum requirements for enclosed, precision, single and double helical one- and two-stage speed increases and reducers of parallel shaft design with pinion speeds of 3000 min⁻¹ or greater, or pitch line velocities of 25 m/s or greater, for special purpose applications

23.020 Gaasi- ja vedelikumahutid

Fluid storage devices

KAVANDITE ARVAMUSKÜSITLUS

prEVS 25404

Tähtaeg: 2003-02-01

Identne prEN 957-10:2002

Stationary training equipment - Part 10: Exercise bicycles with a fixed wheel or without freewheel, additional specific safety requirements and test methods

This part of EN 957 specifies safety requirements for exercise bicycles with a fixed wheel or without freewheel that have an inertia of > 0,6 kg · m² in addition to the general safety requirements of EN 957-1 and should be read in conjunction with it. This part of EN 957 is applicable to stationary training equipment type exercise bicycle with a fixed wheel or without freewheel (type 10) (hereafter referred to as training equipment) within the classes S and H

23.020.10 Statsionaarsed mahutid ja reservuaarid

Stationary containers and tanks

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54496

Tähtaeg: 2003-02-01

Identne prEN 12285-1:2002

Workshop fabricated steel tanks - Part 1: Horizontal cylindrical single skin and double skin tanks for the underground storage of flammable and non-flammable water polluting liquids

This standard specifies the requirements for shop fabricated cylindrical, horizontal steel tanks, single and double skin for the underground storage of water polluting liquids (both flammable and non-flammable) within the following limits: - from 800 mm up to 3000 mm nominal diameter and, - up to a maximum overall length of 6 times the nominal diameter and, - for liquids with a maximum density of up to 1,9 kg/l and, - with an operating pressure (po) of maximum 1,5 bar (abs.) and, - for double skin tanks with a vacuum leak detection system where the kinematic viscosity does not exceed 5 x 10⁻³ m²/s

23.020.30 Surveanumad, gaasiballoonid

Pressure vessels, gas cylinders

KAVANDITE ARVAMUSKÜSITLUS

prEVS 19495

Tähtaeg: 2003-02-01

Identne prEN 13322-2:2002

Transportable gas cylinders - Refillable welded steel gas cylinders - Design and construction - Part 2: Stainless steel

This European Standard sets out minimum requirements concerning material, design, construction and workmanship, manufacturing processes and testing of refillable transportable welded stainless steel gas cylinders of water capacities from 0,5 l up to and including 150 l for compressed, liquefied and

dissolved gases. This standard is only applicable to cylinders manufactured from stainless steels having a maximum tensile strength of less than 1 100 MPa

prEVS 33089

Tähtaeg: 2003-02-01

Identne prEN 12806:2002

Automotive liquefied petroleum gas components - Other than containers

This European Standard specifies the general design and testing requirements for all components, in automotive Liquefied Petroleum Gas (LPG) propulsion systems, which have a working pressure equal to or greater than 20 kPa

prEVS 39604

Tähtaeg: 2003-02-01

Identne prEN 13322-1:2002

Transportable gas cylinders - Refillable welded steel gas cylinders - Design and construction - Part 1: Carbon steel

This European Standard sets out minimum requirements concerning material, design, construction and workmanship, manufacturing processes and testing of refillable transportable welded carbon steel gas cylinders of water capacities from 0,5 l up to and including 150 l for compressed, liquefied and dissolved gases

23.040.10

Malm- ja terastorud

Iron and steel pipes

UUED STANDARDID

EVS-EN 545:2002

Hind 259,00

Identne EN 545:2002

Ductile iron pipes, fittings, accessories and their joints for water pipelines - Requirements and test methods

This European Standard specifies the requirements and associated test methods applicable to ductile iron pipes, fittings, accessories and their joints for the construction of pipelines : - to convey water (e. g. potable water) ; - with or without pressure ; - to be installed below or above ground.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 19569

Tähtaeg: 2003-02-01

Identne prEN 253:2002

District heating pipes - Preinsulated bonded pipe systems for directly buried hot water networks - Pipe assembly of steel service pipe,

polyurethane thermal insulation and outer casing of polyethylene

This European Standard specifies requirements and test methods for straight lengths of prefabricated thermally insulated pipe-in-pipe assemblies for directly buried hot water networks, comprising a steel service pipe from DN 20 to DN 1200, rigid polyurethane foam insulation and an outer casing of polyethylene

prEVS 54512

Tähtaeg: 2003-02-01

Identne EN 877:1999/prA1:2002

Cast iron pipes and fittings, their joints and accessories for the evacuation of water from buildings - requirements, test methods and quality assurance

This European Standard applies to cast iron pipeline components used for the construction of discharge systems for buildings and of drains, normally as gravity systems. The range of nominal sizes extends from DN 40 to DN 600 inclusive

23.040.20

Plasttorud

Plastics pipes

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54454

Tähtaeg: 2003-02-01

Identne prEN 580:2002

Plasttorustikusüsteemid.

Plastifitseerimata

polüvinüülkloriidist torud

(PVC-U). Diklorometaani

suhtes vastupidavuse

katsemeetod kindlaksmääratud

temperatuuril (DCMT)

The standard specifies a method for determining the resistance of unplasticized polyvinyl chloride (PVC-U) pipes to dichloromethane at a specified temperature (DCMT). It is applicable to PVC-U pipes, irrespective of their use. The method can be used as a rapid means of quality control during manufacture

23.040.40

Metallist toruliitmikud

Metal fittings

UUED STANDARDID

EVS-EN 545:2002

Hind 259,00

Identne EN 545:2002

Ductile iron pipes, fittings, accessories and their joints for water pipelines - Requirements and test methods

This European Standard specifies the requirements and associated test methods applicable to ductile iron pipes, fittings, accessories and their joints for the construction of pipelines : - to convey water (e. g. potable water) ; - with or without pressure ; - to be installed below or above ground.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 14484

Tähtaeg: 2003-02-01

Identne prEN 448:2002

District heating pipes - Preinsulated bonded pipe systems for directly buried hot water networks - Fitting assemblies of steel service pipes, polyurethane thermal insulation and outer casing of polyethylene

This European Standard specifies requirements and test methods for fittings of prefabricated thermally insulated pipe-in-pipe assemblies comprising a steel service fitting from DN 20 to DN 1200, rigid polyurethane foam insulation and an outer casing of polyethylene for use in directly buried hot water networks with preinsulated pipe assemblies in accordance with prEN 253

prEVS 54512

Tähtaeg: 2003-02-01

Identne EN 877:1999/prA1:2002

Cast iron pipes and fittings, their joints and accessories for the evacuation of water from buildings - requirements, test methods and quality assurance

This European Standard applies to cast iron pipeline components used for the construction of discharge systems for buildings and of drains, normally as gravity systems. The range of nominal sizes extends from DN 40 to DN 600 inclusive

23.040.60

Äärikud, muhvid jm toruühendused

Flanges, couplings and joints

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 12144

Tähtaeg: 2003-02-01

Identne prEN 489:2002

District heating pipes - Preinsulated bonded pipe systems for directly buried hot water networks - Joint assembly for steel service pipes, polyurethane thermal insulation and outer casing of polyethylene
This European Standard specifies requirements for joints, made under field conditions, between adjacent preinsulated pipes and/or fittings in district heating networks. The specified general requirements are also valid for field made T-branches, bends, reducers, caps, etc

prEVS 54566

Tähtaeg: 2003-02-01

Identne prEN 1514-8:2002

Flanges and their joints - Dimensions of gaskets for PNdesignated flanges - Part 8: Polymeric O-ring gaskets for grooved flanges

This European standard specifies the dimensions and marking of polymeric O-Ring gaskets for use with grooved flanges complying with EN 1092 for PN 10, PN 16, PN 25, PN 40

23.040.70

Voolikud ja voolikuühendused

Hoses and hose assemblies

UUED STANDARDID

EVS-EN 561:2002

Hind 101,00

Identne EN 561:2002

Gas welding equipment - Quick-action coupling with shut-off valves for welding, cutting and allied processes

This European Standard defines the specifications and the type tests for quick-action couplings with shut-off valves. It applies to quick-action couplings used between the regulator and the torch in equipment for gas welding, cutting and allied processes

23.060.01

Sulgeseadmed üldiselt

Valves in general

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 12146

Tähtaeg: 2003-02-01

Identne prEN 488:2002

District heating pipes - Preinsulated bonded pipe systems for directly buried hot water networks - Steel valve assembly for steel service pipes, polyurethane thermal insulation and outer casing of polyethylene
This European Standard specifies requirements and test methods for valves of prefabricated thermally insulated valve assemblies comprising a steel valve, rigid polyurethane foam insulation and an outer casing of polyethylene for use in directly buried hot water networks with preinsulated pipe assemblies in accordance with prEN 253

prEVS 12387

Tähtaeg: 2003-02-01

Identne prEN 12266-1:2002

Industrial valves - Testing of valves - Part 1: Pressure tests, test procedures and acceptance criteria - Mandatory requirements

This standard specifies mandatory requirements for tests, test procedures and acceptance criteria for production testing of industrial valves. The specified tests may also be used as type tests or acceptance tests

23.060.10

Ventiilid

Globe valves

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 54504

Tähtaeg: 2003-02-01

Identne prEN 1983:2002

Industrial valves - Steel ball valves

This European Standard specifies requirements for industrial steel ball valves having flanged, threaded, socket welding or butt welding ends

23.060.30

Siibrid

Gate valves

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 12388

Tähtaeg: 2003-02-01

Identne prEN 12288:2002

Industrial valves - Copper alloy gate valves

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

23.060.40

Rõhuregulaatorid

Pressure regulators

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 54785

Tähtaeg: 2003-02-01

Identne EN

13152:2001/prA1:2002

Specification and testing for liquefied petroleum gas (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.

prEVS 54786

Tähtaeg: 2003-02-01

Identne EN

13153:2001/prA1:2002

Specification and testing for liquefied petroleum gas (LPG) - 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.

23.060.50

Lühikese vahekeraga tagasilöögiklapid

Wafer check valves

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54505

Tähtaeg: 2003-02-01

Identne EN

12334:2001/prA1:2002

Industrial valves - Cast iron check valves

This European Standard specifies requirements for cast iron check valves. This standard applies to cast iron check valves mainly used for industrial and general purpose applications. However, they may be used for other applications provided the requirements of the relevant performance standards are met

23.080

Pumbad

Pumps

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54522

Tähtaeg: 2003-02-01

Identne prEN 13851:2002

Liquid pumps - Safety requirements - Agrifoodstuffs equipment ; Design rules to ensure hygiene in use

This standard is concerned with the special technical safety requirements for liquid pumps and pump units operating with agrifoodstuffs. It augments EN 809 and contains a list of the additional significant hazards which can arise from the pump and pump units used with substances intended for human and domestic animal consumption

prEVS 54760

Tähtaeg: 2003-02-01

Identne prEN 16330:2002

Reciprocating positive displacement pumps and pump units - Technical requirements

This European Standard specifies the technical requirements, other than safety and testing, for reciprocating positive displacement pumps and pump units. This standard applies to pumps which utilise reciprocating motion derived from crankshafts and camshafts and also directacting fluid driven pumps

23.120

Ventilaatorid. Puhurid. Kliimaseadmed

Ventilators. Fans. Air-conditioners

UUED STANDARDID

EVS-EN 328:2001/A1:2002

Hind 57,00

Identne EN 328:1999/A1:2002

Heat exchangers - Test procedure for establishing the performance of forced convection unit air coolers for refrigeration

This European Standard applies to non-ducted unit air coolers for refrigeration operating: a) with direct dry expansion of a refrigerant; b) with liquid overfeed by pump circulation of a refrigerant. c) with a liquid.

23.140

Kompressorid ja suruõhumasinad

Compressors and pneumatic machines

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54576

Tähtaeg: 2003-02-01

Identne prEN 13771-1:2002

Compressors and condensing units for refrigeration - Performance testing and test methods - Part 1: Refrigerant compressors

This part of this European Standard applies only to refrigerant compressors and describes a number of selected performance test methods. These methods provide sufficiently accurate results for the determination of the refrigerating capacity, power absorbed, refrigerant mass flow, isentropic efficiency and the coefficient of performance

25.040

Tööstusautomaatika süsteemid

Industrial automation systems

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54910

Tähtaeg: 2003-01-01

Identne IEC 61508-

1:1998+corr:1999

ja identne EN 61508-1:2001

Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 1: General requirements

Sets out a generic approach for all safety lifecycle activities for systems comprised of electrical and/or electronic and/or programmable electronic components (electrical / electronic / programmable electronic systems (E/E/PESs)) that are used to perform safety functions. This unified approach has been adopted in order that a rational and consistent technical policy be developed for all electrically-based safety-related systems. Is intended to facilitate the development of application sector standards. Has the status of a basic safety publication in accordance with IEC Guide 104.

25.040.40

Mõõtmine ja kontroll tööstusprotsessides

Industrial process measurement and control

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 21473

Tähtaeg: 2003-01-01

Identne IEC 60834-2:1993

ja identne HD 543.2 S1:1995

Performance and testing of teleprotection equipment of power systems - Part 2: Analogue comparison systems

This part of IEC 834 applies to narrowband and wideband teleprotection systems used to convey analogue information about the primary quantities such as phase or phase and amplitude. The teleprotection equipment can either be separate or integrated in one unit with the protection equipment or the telecommunication equipment.

prEVS 37005

Tähtaeg: 2003-01-01

Identne IEC 61508-2:2000

ja identne EN 61508-2:2001

Functional safety of electrical/electronic/programmable electronic safety-related systems. - Part 2: Requirements for electrical/electronic/programmable electronic safety-related systems

This parts of the standard series is intended to be used only after a through understanding of part 1, which provides the overall framework for the achievement of functional safety, applies to any safety-related system, as defined by part 1, which contains at least one electrical, electronic or programmable electronic based component, applies to all subsystems and their components within an E/E/PE safety-related system (including sensors, actuators and the operator interface); and specifies requirements for activities that are to be applied during the design and manufacture of the E/E/PE safety-related systems (ie establishes the E/E/PES safety lifecycle model).

prEVS 37008

Tähtaeg: 2003-01-01

Identne IEC 61508-6:2000

ja identne EN 61508-6:2001

Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 6: Guidelines on the application of IEC 61508-2 and IEC 61508-3

This part of standard series contains information and guidelines on parts 2 and 3, and gives a brief overview of the requirements and sets out the functional steps in their application. It gives an example technique for calculating the probabilities of failure, gives a worked example of calculating diagnostic coverage, gives a methodology for quantifying the effect of hardware-related common cause failures on the probability of failure, and gives worked examples of the application of the software safety integrity.

prEVS 37009

Tähtaeg: 2003-01-01

Identne IEC 61508-7:2000

ja identne EN 61508-7:2001

Functional safety of electrical/electronic/programmable electronic safety-related systems. - Part 7: Overview of techniques and measures

This part of IEC 61508 contains an overview of various safety techniques and measures relevant to parts 2 and 3 of this international standard.

prEVS 54663

Tähtaeg: 2003-01-01

Identne IEC 60381-1:1982

ja identne HD 452.1 S1:1984

Analogue signals for process control systems; Part 1: Direct current signals

Applicable to analogue direct current signals used in industrial-process measurement and control systems to transmit information between elements of systems. Does not apply to signals used entirely within an element.

prEVS 54921

Tähtaeg: 2003-01-01

Identne IEC 61508-3:1998+

corr:1999

ja identne EN 61508-3:2001

Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 3: Software requirements

Applies to any software forming part of a safety-related system or used to develop a safety-related system within the scope of IEC 61508-1 and IEC 61508-2.

Provides requirements: - for safety lifecycle phases and activities; - for informatin relating to the software safety validation; - for the preparation of information and procedures concerning software; - to be met by the organisation carrying out modifications to safety-related software; - for supporting tools. Has the status of a basic safety publication in accordance with IEC Guide 104.

prEVS 54922

Tähtaeg: 2003-01-01

Identne IEC 61508-4:1998+

corr:1999

ja identne EN 61508-4:2001

Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 4: Definitions and abbreviations

Contains the definitions and explanation of terms that are used in parts 1 to 7 of this standard.

Intended for use by technical committees in the preparation of standards in accordance with the principles contained in IEC Guide 104 and ISO/IEC Guide 51. IEC 61508 is also intended as a stand-alone standard. Has the status of a basic safety publication in accordance with IEC Guide 104.

prEVS 54923

Tähtaeg: 2003-01-01

Identne IEC 61508-5:1998+

orr:1999

ja identne EN 61508-5:2001

Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 5: Examples of methods for the determination of safety integrity levels

Provides information on the underlying concepts of risk and the relationship of risk to safety integrity (see annex A); a number of methods that will enable the safety integrity levels for the E/E/PE safety-related systems, other technology safety-related systems and external risk reduction facilities to be determined (see annexes, B, C, D and E) Intended for use by technical committees in the preparation of standards in accordance with the principles contained in IEC Guide 104 and ISO/IEC Guide 51. IEC 61508 is also intended as a stand-alone standard.

25.140.20

Elektritööriistad

Electric tools

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 30834

Tähtaeg: 2003-01-01

Identne IEC 61029-2-

1:1993+A1:1999+A2:2001

ja identne EN 61029-2-1:2002

Safety of transportable motor-operated electric tools - Part 2-1: Particular requirements for circular saw benches

Applies to transportable circular saws intended for cutting wood and similar materials with a blade diameter not exceeding 260 mm.

25.160.10**Keevitustööd ja keevitaja kutseoskus**

Welding processes

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 54611

Tähtaeg: 2003-02-01

Identne ISO/FDIS 17652-1:2002

ja identne prEN ISO 17652-1:2002

Welding - Test for shop primers in relation to welding and allied processes - Part 1: General requirements

This part of this European Standard specifies standardised conditions for an assessment of shop primers on the weldability of steel materials. The standard is intended to be used for assessment of shop primers by: - testing by the suppliers during development of new shop primers; - testing by the suppliers during production as part of a quality control scheme; - declaration of the properties of shop primers by suppliers; - use as a reference in contracts between suppliers and customers for deliveries of shop primers; - acceptance testing of shop primers by customers

prEVS 54615

Tähtaeg: 2003-02-01

Identne ISO/FDIS 17652-2:2002

ja identne prEN ISO 17652-2:2002

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

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

prEVS 54616

Tähtaeg: 2003-02-01

Identne ISO/FDIS 17652-3:2002

ja identne prEN ISO 17652-3:2002

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

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

prEVS 54618

Tähtaeg: 2003-02-01

Identne ISO/FDIS 17652-4:2002

ja identne prEN ISO 17652-4:2002

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

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

25.160.20**Elektroodid ja täidisemetallid**

Welding consumables

UUED STANDARDID**EVS-EN 499:2002**

Hind 109,00

Identne EN 499:1994

Keevitusmaterjalid, Kattega elektroodid legerimata ja peenteraste käsikaarkeevituseks.**Lüigitamine**

Käesolev standard määratleb lüigitamistingimused kattega elektroodidele ning keevismetallile legerimata ja peenteraste keevitamiseks minimaalse tõmbetugevusega 500 N/mm² keevitatud olekus.

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 54583

Tähtaeg: 2003-02-01

Identne prEN 13479:2002

Welding consumables - General product standard for filler metals and fluxes for fusion welding of metallic materials

This European Standard specifies general delivery conditions for filler metals and fluxes for fusion welding of metallic materials. This standard does not apply to auxiliaries such as shielding gases prEVS 54585

Tähtaeg: 2003-02-01

Identne prEN 14532-2:2002

Welding consumables - Test methods and quality requirements - Part 2: Supplementary methods and conformity assessment of consumables for steel, nickel and nickel alloys

This standard applies to welding consumables for which supplementary qualification is required. It contains the technical requirements to be fulfilled prEVS 54588

Tähtaeg: 2003-02-01

Identne prEN 14532-3:2002

Welding consumables - Test methods and quality requirements - Part 3:**Conformity assessment of wire electrodes, wires and rods for welding of aluminium alloys**

This standard describes the basic verification tests, the testing methods, the amount of testing and the requirements for the qualification of wire electrodes, wires and rods for welding of aluminium prEVS 54591

Tähtaeg: 2003-02-01

Identne prEN 14532-1:2002

Welding consumables - Test methods and quality requirements - Part 1: Primary methods and conformity assessment of consumables for steel, nickel and nickel alloys

This standard describes the basic verification tests, the testing methods, the amount of testing and the requirements for the qualification of welding consumables for steel, nickel and nickel alloys intended for all fields of application

25.160.30**Keevitusseadmed**

Welding equipment

UUED STANDARDID**EVS-EN 730-1:2002**

Hind 117,00

Identne EN 730-1:2002

Gas welding equipment - Safety devices - Part 1: Incorporating a flame (flashback) arrestor

This Part of this European Standard specifies the general requirements and tests for safety devices for fuel gases and oxygen or compressed air incorporating a flame (flashback) arrestor used downstream of manifold, cylinder and (or) pipeline outlet regulators, and upstream of blowpipes for welding, cutting and allied processes

EVS-EN 730-2:2002

Hind 101,00

Identne EN 730-2:2002

Gas welding equipment - Safety devices - Part 2: Not incorporating a flame (flashback) arrestor

This Part of this European Standard specifies the general requirements and tests for safety devices for fuel gases and oxygen or compressed air which do not incorporate a flame (flashback) arrestor used downstream of manifold, cylinder and (or) pipeline outlet regulators, and upstream of blowpipes for welding, cutting and allied processes

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 38248

Tähtaeg: 2003-02-01

Identne ISO/DIS 15616-1:2002
ja identne prEN ISO 15616-1:2002
Acceptance tests for CO₂-laser beam machines for high quality welding and cutting - Part 1: General principles, acceptance conditions

This Part of this European Standard is applicable to CO₂-laser beam machines for welding and cutting in two operating directions (2D)

prEVS 38249

Tähtaeg: 2003-02-01

Identne ISO/DIS 15616-2:2002
ja identne prEN ISO 15616-2:2002
Acceptance tests for CO₂-laser beam machines for high quality welding and cutting - Part 2: Measurement of static and dynamic accuracy

This Part of this European Standard is applicable to the measurement of: - the precision of the manipulation system; - the positioning accuracy; - the repeatability of positioning; - the trajectory exactness, for the acceptance testing of CO₂-laser

beam machines for high quality welding and cutting in two operation directions (2D) in accordance with prEN ISO 15616-1 prEVS 38250
Tähtaeg: 2003-02-01
Identne ISO/DIS 15616-3:2002
ja identne prEN ISO 15616-3:2002
Acceptance tests for CO₂-laser beam machines for high quality welding and cutting - Part 3: Calibration of instruments for measurement of gas flow and pressure

This Part of this European Standard is applicable to the measurement of the process oriented gas parameters for the acceptance tests for CO₂-laser beam machines for high quality welding and cutting in two operation directions (2D) in accordance with

prEN ISO 15616-1

prEVS 54810

Tähtaeg: 2003-01-01

Identne IEC 60974-5:2002

ja identne EN 60974-5:2002

Arc welding equipment - Part 5: Wire feeders

Specifies safety and performance requirements for industrial and professional equipment used in arc welding and allied processes to feed filler wire. The wire feeder may be a stand-alone unit which may be connected to a separate welding power source or one where the welding power source and the wire feeder are housed in a single enclosure. The wire feeder may be suitable for manually or mechanically guided torches.

25.160.40

Keevisliited

Welded joints

UUED STANDARDID

EVS-EN 12814-7:2002

Hind 83,00

Identne EN 12814-7:2002

Testing of welded joints of thermoplastics semi-finished products - Part 7: Tensile test with waisted test specimens

This standard specifies the dimensions, the method of sampling, the preparation of the test specimens and the conditions for performing the tensile test with waisted test specimens in order to determine the tensile energy welding factor

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 54546

Tähtaeg: 2003-02-01

Identne EN 12517:1998/A1:2002

Keevituste mittepuruustav katsetamine. Keevisliidete radiograafilise uurimine.

Vastuvõetavuse tasemed

This standard specifies acceptance levels for indications from imperfections in steel butt welds detected by radiography

25.180.10

Elektriahjud

Electric furnaces

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 54653

Tähtaeg: 2003-01-01

Identne IEC 60703:1981

ja identne HD 440 S1:1983

Test methods for electroheating installations with electron guns

Applies to electroheating installations with one or more electron guns as heating source. Covers test methods to determine the essential parameters and contains technical data and characteristics.

prEVS 54670

Tähtaeg: 2003-01-01

Identne IEC 60779:1983

ja identne HD 470 S1:1987

Test methods for electro-slag remelting furnaces

Specifies test methods to permit the determination of the essential parameters and technical characteristics of electroheating installations comprising electro-slag remelting furnaces.

prEVS 54800

Tähtaeg: 2003-01-01

Identne IEC 60676:2002

ja identne EN 60676:2002

Industrial electroheating equipment - Test methods for direct arc furnaces

Standardizes arc furnace test conditions and methods to determine the main parameters and technical operating characteristics. Applies to industrial three-phase direct arc furnaces, the rated capacity of which is equal to or greater than 0.5 tonne. Also applies to furnaces having one or more electrodes, other than three-phase furnaces.

25.220.20**Pinnatöötlus**

Surface treatment

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 54563

Tähtaeg: 2003-02-01

Identne ISO/DIS 2063:2002

ja identne prEN ISO 2063:2002

Thermal spraying - Metallic and other inorganic coatings - Zinc, aluminium and their alloys

This standard applies to thermal-sprayed metallic coatings for the protection of iron and steel against corrosion by applying zinc or aluminium or their alloys to the surface to be protected. This standard deals with characteristic properties and gives test methods for coatings obtained by the spraying of zinc and aluminium and their alloys for the general purpose of corrosion protection

25.220.40**Metallpinded**

Metallic coatings

UUED STANDARDID**EVS-EN ISO 4516:2002**

Hind 92,00

Identne ISO 4516:2002

ja identne EN ISO 4516:2002

Metallic and other inorganic coatings - Vickers and Knoop microhardness tests

This International Standard describes the application of the Vickers and Knoop micro-indentation tests for determining the microhardness of metallic and other inorganic coatings

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 36667

Tähtaeg: 2003-02-01

Identne prEN 13143:2002

Metallic and other inorganic coatings - Definitions and conventions concerning porosity

This European Standard defines porosity and its associated terms and outlines the principles involved in porosity testing of metallic and related inorganic coatings. It also considers the purpose of porosity testing, thereby assisting the user to select the most suitable test for the product and its service application.

The porosity test cannot be used to establish corrosion performance standards

prEVS 36669

Tähtaeg: 2003-02-01

Identne prEN 13144:2002

Metallic and other inorganic coatings - Method for quantitative measurement of adhesion by tensile test

This European Standard describes a quantitative method for the measurement of adhesion of metallic and other inorganic coatings applied to metallic surfaces. Typical coatings for which this European Standard applies are copper, nickel, nickel plus chromium, silver, tin, tin-nickel alloys, zinc, gold

prEVS 37330

Tähtaeg: 2003-02-01

Identne ISO/DIS 16348:2002

ja identne prEN ISO 16348:2002

Metallic and other inorganic coatings - Definitions and conventions concerning appearance

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

prEVS 54641

Tähtaeg: 2003-02-01

Identne prEN 13509:2002

Cathodic protection measurement techniques

This European Standard deals with the cathodic protection against corrosion of buried or immersed metallic structures, detailing the measuring methods to be used for assessing the effectiveness of cathodic protection as well as the measurements and measures taken to monitor cathodic protection during operation

prEVS 54778

Tähtaeg: 2003-02-01

Identne prEN 10318:2002

Determination of thickness and chemical composition of zinc and aluminium-based metallic coatings - Routine method

This European Standard specifies a glow discharge optical emission spectrometric method for the determination of the thickness and chemical composition of metallic surface coatings consisting of zinc and aluminium based alloys. The alloying elements considered are

aluminium, nickel, iron, silicon and lead

prEVS 54802

Tähtaeg: 2003-02-01

Identne prEN 14571:2002

Metallic coatings on nonmetallic basis materials - Measurement of coating thickness - Microresistivity method

This Standard describes a method using microresistivity instruments for nondestructive measurements of the thickness of high electrical conductivity metallic coatings, particularly silver and copper, on nonmetallic and nonconductive basis materials

25.220.99**Muud pinnatöötlus- ja pindamismeetodid**

Other treatments and coatings

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 36667

Tähtaeg: 2003-02-01

Identne prEN 13143:2002

Metallic and other inorganic coatings - Definitions and conventions concerning porosity

This European Standard defines porosity and its associated terms and outlines the principles involved in porosity testing of metallic and related inorganic coatings. It also considers the purpose of porosity testing, thereby assisting the user to select the most suitable test for the product and its service application. The porosity test cannot be used to establish corrosion performance standards

prEVS 36669

Tähtaeg: 2003-02-01

Identne prEN 13144:2002

Metallic and other inorganic coatings - Method for quantitative measurement of adhesion by tensile test

This European Standard describes a quantitative method for the measurement of adhesion of metallic and other inorganic coatings applied to metallic surfaces. Typical coatings for which this European Standard applies are copper, nickel, nickel plus chromium, silver, tin, tin-nickel alloys, zinc, gold

prEVS 37330

Tähtaeg: 2003-02-01
Identne ISO/DIS 16348:2002
ja identne prEN ISO 16348:2002
Metallic and other inorganic coatings - Definitions and conventions concerning appearance

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

27.040

Gaasi- ja auruturbiinid. Aurumasinad

Gas and steam turbines.
Steam engines

KAVANDITE ARVAMUSKÜSITLUS

prEVS 30710

Tähtaeg: 2003-02-01

Identne prEN 12952-13:2002

Water-tube boilers and auxiliary installations - Part 13:

Requirements for flue gas cleaning systems

This European Standard applies to the design of equipment for boiler plants to reduce air pollutants in the flue gases

prEVS 54500

Tähtaeg: 2003-02-01

Identne prEN 12952-9:2002

Water-tube boilers and auxiliary installations - Part 9:

Requirements for firing systems for pulverized solid fuels for the boiler

This European Standard applies to pulverized fuel firing systems of steam boilers and hot water generators and commence at the filling equipment for the boiler bunkers or for the pulverized fuel storage system and end at the ash extraction plant. For multifuel firing systems using separate or combined burners these requirements apply to the pulverized fuel firing part involved. For other fuels or firing systems used in combination other requirements apply e.g.

EN 12952-8

prEVS 54501

Tähtaeg: 2003-02-01

Identne prEN 12952-16:2002

Water-tube boilers and auxiliary installations - Part 16:

Requirements for grate and fluidized-bed firing systems for solid fuels for the boiler

This European Standard applies to atmospheric fluidized-bed and grate firing systems. These systems commence at the fuel bunkers and end at the ash extraction plant. For combination of various firing systems, the individual requirements of each system apply, especially those included in prEN 12952-8 and prEN 12952-9

prEVS 54904

Tähtaeg: 2003-01-01

Identne IEC 60953-3:2001

ja identne EN 60953-3:2002

Rules for steam turbine thermal acceptance tests - Part 3:

Thermal performance verification tests of retrofitted steam turbines

This part of IEC 60953, also called "retrofit code" (RC), establishes a supplementary retrofit code for thermal verification tests of retrofitted steam turbines.

27.060.30

Katlad ja soojusvahetid

Boilers and heat exchangers

UUED STANDARDID

EVS-EN 1117:1999/A1:2002

Hind 66,00

Identne EN 1117:1998/A1:2002

Heat exchangers - Liquid cooled refrigerant condensers - Test procedures for establishing the performance

See standard kehtib vedelikjahutusega külmutusagensi kondensaatorite seeriatoodangu kohta, mis töötavad (primaarse) külmutusagensiga. Standardi eesmärk on kehtestada järgmiste testimiste ja tuvastamiste ühtsed meetodid: toote määratlus, mahutavus, vedeliku vooluhulk, survevang vedelikus.

EVS-EN 1118:2001/A1:2002

Hind 57,00

Identne EN 1118:1998/A1:2002

Heat exchangers - Refrigerant cooled liquid coolers - Test procedure for establishing the performance

This standard applies to series produced liquid coolers which operate with a (primary) refrigerant and its purpose is to establish uniform methods to test and ascertain the following: - Product identification - Capacity - Liquid flow rate - Liquid side pressure drop.

EVS-EN 1216:1999/A1:2002

Hind 66,00

Identne EN 1216:1998/A1:2002

Heat exchangers - Forced circulation air-cooling and air-heating coils - Test procedures for establishing the performance

See eelstandard kehtib

sundringhusega õhkjahutus- ja õhksoojendusspiraalide kohta, mis töötavad: a) aurustuva või kondenseeruva külmutusagensiga, b) jahutava või soojendava voolava ainega, c) ilma ventilaatorita

EVS-EN 327:2000/A1:2002

Hind 66,00

Identne EN 327:2000/A1:2002

Heat exchangers - Forced convection air cooled refrigerant condensers - Test procedure for establishing performance

Standard kehtib kaug-sundkonvektsiooni ja õhkjahutusega kondensaatorite kohta, mis töötavad (primaar-)külmutusagensiga. Standardi eesmärk on kehtestada ühtsed testimismeetodid.

EVS-EN 328:2001/A1:2002

Hind 57,00

Identne EN 328:1999/A1:2002

Heat exchangers - Test procedure for establishing the performance of forced convection unit air coolers for refrigeration

This European Standard applies to non-ducted unit air coolers for refrigeration operating: a) with direct dry expansion of a refrigerant; b) with liquid overfeed by pump circulation of a refrigerant. c) with a liquid.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 30710

Tähtaeg: 2003-02-01

Identne prEN 12952-13:2002

Water-tube boilers and auxiliary installations - Part 13:

Requirements for flue gas cleaning systems

This European Standard applies to the design of equipment for boiler plants to reduce air pollutants in the flue gases

27.120.20**Tuumaelektrijaamad.
Ohutus**

Nuclear power plants. Safety**KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 54625

Tähtaeg: 2003-01-01

Identne IEC 60547:1976+A1:1985

ja identne HD 370 S2:1987

**Modular plug-in unit and
standard 19-inch rack mounting
unit based on NIM standard
(for electronic nuclear
instruments)**

Dimensions of the standard plug-in unit and rack-mounting unit; connector dimensions and pin arrangements. See also IEC 60482.

27.120.99**Muud****tuumaenergeetikaga
seotud standardid**

**Other standards related to
nuclear energy****KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 33687

Tähtaeg: 2003-01-01

Identne IEC 60757:1983

ja identne HD 457 S1:1985

Code for designation of colours

The standard applies to the text of descriptions, drawings, markings, etc., in the electrotechnical field and lays down a letter code for the designation of some distinct colour.

prEVS 54610

Tähtaeg: 2003-01-01

Identne IEC 60516:1975+A1:1984

ja identne HD 357 S2:1987

**A modular instrumentation
system for data handling;
CAMAC system**

Defines a modular instrumentation system capable of linking transducers and other devices with digital controllers or computers. It consists of mechanical standards and signal standards sufficient to ensure compatibility between units from different sources of design and production. The CAMAC system is primarily designed for nuclear instrumentation but may be utilized also for other applications. See also IEC 60552.

prEVS 54626

Tähtaeg: 2003-01-01

Identne IEC 60552:1977+A1:1984
ja identne HD 374 S2:1986

**CAMAC; Organisation of multi-
crate systems; Specification of
the branch-highway and
CAMAC crate controller type A1**

Characteristics of the 'parallel highway' for the CAMAC instrumentation and interface system described in IEC 60516.

This highway provides for the high-speed transfer of data between CAMAC crates and computers or other controllers and for the interconnection of CAMAC crates in multicrate systems. Signal, timing and logical organization. Appendix: specifications of a standard crate controller.

prEVS 54646

Tähtaeg: 2003-01-01

Identne IEC 60640:1979+A1:1984

ja identne HD 417 S2:1987

**CAMAC; Serial highway
interface system**

Standard interface between a number of 'CAMAC' measuring instruments, display units, control units, actuators, data processing equipment (computers) and communication equipment.

prEVS 54649

Tähtaeg: 2003-01-01

Identne IEC 60677:1980

ja identne HD 431 S1:1983

**Block transfers in CAMAC
systems**

Recommendations are presented for uniform practice with regard to block transfers in CAMAC modular instrumentation and digital interface systems of IEC 60516.

prEVS 54650

Tähtaeg: 2003-01-01

Identne IEC 60678:1980

ja identne HD 432 S1:1983

**Definitions of CAMAC terms
used in IEC publications**

Defines the terms specific to the CAMAC modular instrumentation and digital interface system which forms the subject of several IEC standards. It includes also other terms whose use is well established and those of corresponding characteristics of the NIM system of instrumentation.

prEVS 54655

Tähtaeg: 2003-01-01

Identne IEC 60713:1981

ja identne HD 445 S1:1983

Subroutines for CAMAC

Presents a set of software subroutines to provide a general capability for communications with CAMAC systems as defined in IEC 60516. The subroutines are suitable for use with Fortran although they are not restricted to that language.

prEVS 54664

Tähtaeg: 2003-01-01

Identne IEC 60729:1982

ja identne HD 453 S1:1984

**Multiple controllers in a
CAMAC crate**

Defines a method for incorporating more than one source of control into a CAMAC crate through auxiliary controllers located in normal stations in the crate. An auxiliary controller bus (ACB) and priority arbitration protocol are fully defined.

27.160**Päikeseenergeetika**

Solar energy engineering**KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 26282

Tähtaeg: 2003-01-01

Identne IEC 60891:1987 +

A1:1992

ja identne EN 60891:1994

**Procedures for temperature and
irradiance corrections to
measured I-V characteristics of
crystalline silicon photovoltaic
devices**

This standard describes the procedures for temperature and irradiance corrections to the measured I-V characteristics of crystalline silicon photovoltaic devices. It includes procedures for the determination of temperature coefficients, internal series resistance and curve correction factor. These procedures are applicable over an irradiance range of $\pm 30\%$ of the level at which the measurements were made.

prEVS 54570

Tähtaeg: 2003-02-01

Identne prEN 13363-2:2002

**Solar protection devices
combined with glazing -
Calculation of solar and light
transmittance - Part 2:
Reference method**

This standard specifies a detailed method, based on the spectral transmission data of the materials comprising the solar protection devices and the glazing, to determine the total solar energy transmittance and other relevant solaroptical data of the combination. If spectral data are not available the methodology can be adapted to use integrated data

27.180

Tuulegeneraatorid jt alternatiivsed energiaallikad

Wind turbine systems and other alternative sources of energy

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54864

Tähtaeg: 2003-01-01

Identne IEC 61400-21:2001

ja identne EN 61400-21:2002

Wind turbine generator systems - Part 21: Measurement and assesment of power quality characteristics of grid connected wind turbines

Describes measurement procedures for quantifying the power quality of a grid connected wind turbine and the procedures for assessing compliance with power quality requirements.

27.200

Külmutustehnika

Refrigerating technology

UUED STANDARDID

EVS-EN 1117:1999/A1:2002

Hind 66,00

Identne EN 1117:1998/A1:2002

Heat exchangers - Liquid cooled refrigerant condensers - Test procedures for establishing the performance

See standard kehtib

vedelikjahutusega külmutusagensi kondensaatorite seeriatoodangu kohta, mis töötavad (primaarse) külmutusagensiga. Standardi eesmärk on kehtestada järgmiste testimiste ja tuvastamiste ühtsed meetodid: toote määratlus, mahutavus, vedeliku vooluhulk, survevang vedelikus.

EVS-EN 1118:2001/A1:2002

Hind 57,00

Identne EN 1118:1998/A1:2002

Heat exchangers - Refrigerant cooled liquid coolers - Test pocedure for establishing the performance

This standard applies to series produced liquid coolers which operate with a (primary) refrigerant and its purpose is to establish uniform methods to test and ascertain the following: - Product identification - Capacity - Liquid flow rate - Liquid side pressure drop.

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54576

Tähtaeg: 2003-02-01

Identne prEN 13771-1:2002

Compressors and condensing units for refrigeration - Performance testing and test methods - Part 1: Refrigerant compressors

This part of this European Standard applies only to refrigerant compressors and describes a number of selected performance test methods. These methods provide sufficiently accurate results for the determination of the refrigerating capacity, power absorbed, refrigerant mass flow, isentropic efficiency and the coefficient of performance

29.020

Elektrotehnika üldküsimumused

Electrical engineering in general

KAVANDITE ARVAMUSKÜSITLUS

prEVS 55143

Tähtaeg:2003-01-01

Identne: IEC 61024-1:1990

Ehitiste piksekaitse. Osa 1: Üldmõisted

This standard is applicable to the design and installation of Lightning Protection Systems (LPS) for common structures up to 60 m high.

prEVS 55144

Tähtaeg:2003-01-01

Identne: IEC 61024-1-1:1993

Ehitiste piksekaitse. Osa1-1: Üldmõisted. Juhis A: Piksekaitse süsteemide kaitsetasemetete valik

Contains information on the classification of structures according to the

consequential effects of a lightning stroke. Gives procedures for the selection of a lightning protection system. Is to be used with part 1. prEVS 55146

Tähtaeg:2003-01-01

Identne: IEC 61024-1-2:1998

Ehitiste piksekaitse. Osa1-2: Üldmõisted. Juhis B: Pikskaitse süsteemide

projekteerimine, paigaldamine, hooldus ja kontroll

Applicable to the design and installation of Lightning Protection Systems

(SPS) for common structures up to 60 m high, in accordance with IEC 61024-1.

Provides guidelines on how to use IEC 61024-1 and assists the user with the physical design and construction, maintenance and inspection of an LPS

prEVS 40006

Tähtaeg: 2003-01-01

Identne IEC 60695-6-1:2001

ja identne EN 60695-6-1:2001

Fire hazard testing - Part 6-1: Smoke opacity - General guidance

This document gives guidance on: a) the optical measurement of smoke obscuration, b) the general aspects of optical smoke test methods, c) the consideration of test methods, d) the expression of smoke test data, and e) the relevance of optical smoke data to hazard assessment.

prEVS 54881

Tähtaeg: 2003-01-01

Identne HD 384.7.753 S1:2002

Electrical installations of buildings - Part 7:

Requirements for special installations or locations - Section 753: Floor and ceiling heating systems

This standard applies to the installation of electric floor and ceiling heating systems which are erected as either thermal storage heating system or direct heating system. It does not apply to the installation of wall heating systems.

prEVS 54910

Tähtaeg: 2003-01-01

Identne IEC 61508-

1:1998+corr:1999

ja identne EN 61508-1:2001

Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 1: General requirements

Sets out a generic approach for all safety lifecycle activities for systems comprised of electrical and/or electronic and/or programmable electronic components (electrical / electronic / programmable electronic systems (E/E/PESs)) that are used to perform safety functions. This unified approach has been adopted in order that a rational and consistent technical policy be developed for all electrically-based safety-related systems. Is intended to facilitate the development of application sector standards. Has the status of a basic safety publication in accordance with IEC Guide 104.

prEVS 54922

Tähtaeg: 2003-01-01

Identne IEC 61508-4:1998+corr:1999

ja identne EN 61508-4:2001

Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 4: Definitions and abbreviations

Contains the definitions and explanation of terms that are used in parts 1 to 7 of this standard. Intended for use by technical committees in the preparation of standards in accordance with the principles contained in IEC Guide 104 and ISO/IEC Guide 51. IEC 61508 is also intended as a stand-alone standard. Has the status of a basic safety publication in accordance with IEC Guide 104.

prEVS 54931

Tähtaeg: 2003-01-01

Identne IEC 60068-3-4:2001

ja identne EN 60068-3-4:2002

Environmental testing - Part 3-4: Supporting documentation and guidance Damp heat tests

Provides the necessary information to assist in preparing relevant specifications, such as standards for components or equipment, in order to select appropriate tests and test severities for specific products and, in some cases, specific types of application. The object of damp heat tests is to determine the ability of products to withstand the stresses occurring in a high relative humidity environment, with or without condensation, and with special regard to variations of electrical and mechanical characteristics. Damp heat tests may also be utilized to check the resistance of a

specimen to some forms of corrosion attack.

prEVS 54933

Tähtaeg: 2003-01-01

Identne IEC 60068-3-5:2001

ja identne EN 60068-3-5:2002

Environmental testing - Part 3-5: Supporting documentation and guidance Confirmation of the performance of temperature chambers

Rassemble les informations nécessaires aux rédacteurs qui, lors de l'établissement d'une spécification particulière telles que des normes pour les composants ou les matériels, choisissent les essais appropriés et leurs sévérités pour un produit particulier et, dans certain cas, pour des types d'application donnés. Le but de ces essais de chaleur humide est de déterminer l'aptitude des produits à supporter les contraintes d'un environnement à forte humidité relative, avec ou sans condensation, et plus particulièrement de déterminer les variations de leurs caractéristiques électriques et mécaniques. Les essais de chaleur humide peuvent aussi être appliqués en vue de vérifier la résistance d'un spécimen à certaines formes d'attaque par corrosion.

prEVS 54934

Tähtaeg: 2003-01-01

Identne IEC 60068-3-6:2001

ja identne EN 60068-3-6:2002

Environmental testing - Part 3-6: Supporting documentation and guidance Confirmation of the performance of temperature/humidity chambers

Provides a uniform and reproducible method of confirming that temperature and humidity test chambers without load conform to the requirements, specified in climatic test procedures contained in IEC 60068-2 and is destined for users when conducting regular chamber performance monitoring.

prEVS 54935

Tähtaeg: 2003-01-01

Identne IEC 60068-3-7:2001

ja identne EN 60068-3-7:2002

Environmental testing - Part 3-7: Supporting documentation and guidance Measurements in temperature chambers for tests A and B (with load)

Provides a uniform and reproducible method of confirming that temperature test chambers conform to the requirements specified in climatic test procedures of IEC 60068-2-1 and IEC 60068-2-2, when loaded with either heat-dissipating or non heat-dissipating specimens under conditions which take into account air circulation inside the working space of the chamber. This standard is destined primarily for users when conducting regular chamber performance monitoring.

prEVS 54942

Tähtaeg: 2003-01-01

Identne IEC 60068-2-78:2001

ja identne EN 60068-2-78:2001

Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state

Provides a test method for determining the suitability of electrotechnical products, components or equipment for transportation, storage and use under conditions of high humidity. The test is primarily intended to permit the observation of the effect of high humidity at constant temperature without condensation on the specimen over a prescribed period. This test provides a number of preferred severities of high temperature, high humidity and test duration. The test can be applied to both heat-dissipating and non-heat dissipating specimens. The test is applicable to small equipment or components as well as large equipment having complex interconnections with test equipment external to the chamber, requiring a set-up time which prevents the use of preheating and the maintenance of specified conditions during the installation period.

29.035.01

Isolatsioonimaterjalid üldiselt

Insulating materials in general

KAVANDITE ARVAMUSKÜSITLUS

prEVS 28924

Tähtaeg: 2003-01-01

Identne IEC 61061-3-1:1998

ja identne EN 61061-3-1:1998

Non-impregnated densified laminated wood for electrical purposes - Part 3: Specifications for individual materials - Sheets 1: Sheets produced from beech veneer

This sheet 1 of part 3 of the standard specifies the requirements for individual types sheets of non-impregnated densified laminated wood from beech defined in IEC 61061-1.

prEVS 35868

Tähtaeg: 2003-01-01

Identne IEC 61061-3-2:2001

ja identne EN 61061-3-2:2001

Non-impregnated, densified, laminated wood for electrical purposes - Part 3: Specifications for individual materials - Sheet 2: Rings produced from beech veneer

This sheet of IEC 61061-3 specifies the requirements for individual types of rings of non-impregnated, densified laminated wood produced from beech veneer defined in IEC 61061-1.

prEVS 35960

Tähtaeg: 2003-01-01

Identne IEC 60216-1:2001

ja identne EN 60216-1:2001

Electrical insulating materials - Properties of thermal endurance - Part 1: Ageing procedures and evaluation of test results

This part of IEC 216 specifies the general ageing conditions and procedures to be used for deriving thermal endurance characteristics, and gives guidance in using the detailed instructions and guidelines in the other parts of the standard. Simplified procedures are also given, with the conditions under which these procedures may be used.

prEVS 54587

Tähtaeg: 2003-01-01

Identne IEC 60112:1979

ja identne HD 214 S2:1980

Recommended method for determining the comparative tracking index of solid insulating materials under moist conditions

Describes a method of test intended to indicate the relative resistance of solid electrical insulating materials to tracking for voltages up to 600 V when exposed under electric stress to water with the addition of contaminants on the surface. Has the status of a basic safety

publication in accordance with IEC Guide 104.

prEVS 54627

Tähtaeg: 2003-01-01

Identne IEC 60587:1984

ja identne HD 380 S2:1987

Test methods for evaluating resistance to tracking and erosion of electrical insulating materials used under severe ambient conditions

Describes two test methods (constant tracking voltage and stepwise tracking voltage) for the evaluation of electrical insulating materials for use under severe ambient conditions and power frequencies (48 Hz to 62 Hz) by measurement of the resistance to tracking and erosion. Has the status of a basic safety publication in accordance with IEC Guide 104.

prEVS 54648

Tähtaeg: 2003-01-01

Identne IEC 60093:1980

ja identne HD 429 S1:1983

Methods of test for volume resistivity and surface resistivity of solid electrical insulating materials

Gives test procedures and calculations for the determination of volume and surface resistivity. Establishes recommendations for: values of voltage and time of application; nature and geometry of electrodes temperature and humidity of atmosphere and test specimens; conditioning of test specimens.

prEVS 54651

Tähtaeg: 2003-01-01

Identne IEC 60212:1971

ja identne HD 437 S1:1984

Standard conditions for use prior to and during the testing of solid electrical insulating materials

Gives specifications for materials likely to be affected by exposure time, temperature, atmospheric humidity and immersion in liquids, in order to establish the atmospheres to which the test specimens should be exposed before testing and the conditions under which the tests are to be made.

prEVS 54652

Tähtaeg: 2003-01-01

Identne IEC 60345:1971

ja identne HD 438 S1:1984

Method of test for electrical resistance and resistivity of insulating materials at elevated temperatures

Covers procedures for the determination of insulation resistance and volume resistivity of insulating materials at temperatures up to at least 800 °C.

prEVS 54702

Tähtaeg: 2003-01-01

Identne IEC 60589:1977

ja identne HD 381 S1:1979

Methods of test for the determination of ionic impurities in electric insulation materials by extraction with liquids

Applies to the determination of whether or not ionizable soluble organic and inorganic materials are present by measuring the increase in volume conductivity of a liquid extract.

prEVS 54721

Tähtaeg: 2003-01-01

Identne IEC 60795:1984

ja identne HD 480 S1:1987

Test method for evaluating thermal endurance of flexible sheet materials using the wrapped tube method

This method is for the evaluation of the thermal endurance of flexible sheet materials used for electric insulation.

prEVS 54941

Tähtaeg: 2003-01-01

Identne IEC 61061-

2:1992+A1:2001

ja identne EN 61061-2:2001+

A1:2001

Specification for non-impregnated, densified laminated wood for electrical purposes - Part 2: Methods of test

Gives methods of test for the materials defined in IEC 61061-1.

prEVS 54954

Tähtaeg: 2003-01-01

Identne IEC 60464-2:2001

ja identne EN 60464-2:2001

Varnishes used for electrical insulation - Part 2: Methods of test

Specifies methods of test to be used for testing varnishes used for electrical insulation. This includes methods of test to be applied before and others to be applied after drying and/or curing of the varnish.

29.035.20

**Plastikust ja kummist
isolatsioonimaterjalid**

Plastics and rubber insulating
materials

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54550

Tähtaeg: 2003-01-01

Identne IEC 60684-3-201:1991

ja identne HD 523.3.201 S1:1993

**Specification for flexible
insulation sleeving; Part 3:
Specification requirements for
individual types of sleeving;
Sheet 201: Heat shrinkable
sleeving, general purpose,
flexible, cross-linked PVC,
shrink ratio 2:1**

Gives the requirements for heat
shrinkable sleeving, general
purpose, flexible, cross-linked
polyvinylchloride (PVC). It is
normally available in bore sizes up
to 50 mm.

prEVS 54551

Tähtaeg: 2003-01-01

Identne IEC 60684-3-116 to
118:1991

ja identne HD 523.3.116 to 118
S1:1993

**Specification for flexible
insulating sleeving; Part 3:
Specification requirements for
individual types of sleeving;
Sheets 116 to 118: Extruded
polychloroprene, general
purpose**

This standard gives the
requirements for non-heat-
shrinkable sleeving, extruded from
compounds based on
polychloroprene elastomer.
Sleeving of this type is normally
available in bore sizes up to 25
mm.

prEVS 54552

Tähtaeg: 2003-01-01

Identne IEC 60684-3-240 to
243:1991

ja identne HD 523.3.240 to
243 S1:1993

**Specification for flexible
insulating sleeving; Part 3:
Specification requirements for
individual types of sleeving;
Sheets 240 to 243: Heat-
shrinkable PTFE sleeving**

Gives requirements for heat-
shrinkable PTFE sleeving available
in expanded bore sizes up to 12
mm as supplied in the low shrink
ratio and up to 100 mm as supplied
in the high shrink ratio.

prEVS 54589

Tähtaeg: 2003-01-01

Identne IEC 60455-2-2:1984

ja identne HD 307.2.2 S1:1986

**Specification for solventless
polymerisable resinous
compounds used for electrical
insulation; Part 2: Methods of
test; Test methods for coating
powders for electrical purposes**
Gives methods for tests for
thermosetting coating powders as
defined in Sub-clause 3.7 of IEC
60455-1. These tests are for
material before cure and in cured
form.

prEVS 54590

Tähtaeg: 2003-01-01

Identne IEC 60455-3-1:1981

ja identne HD 307.3.1 S1:1986

**Specification for solventless
polymerisable resinous
compounds used for electrical
insulation; Part 3: Specifications
for individual materials; Sheet 1:
Unfilled epoxy resinous
compounds**

Applies to unfilled epoxy resinous
compounds in the cured form for
classes EP-U-1 to 6. Specifies
mechanical, electrical and thermal
requirements.

prEVS 54592

Tähtaeg: 2003-01-01

Identne IEC 60455-3-3:1984

ja identne HD 307.3.3 S1:1986

**Specification for solventless
polymerisable resinous
compounds used for electrical
insulation; Part 3: Specifications
for individual materials; Sheet 3:
Unfilled polyurethane
compounds**

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

prEVS 54594

Tähtaeg: 2003-01-01

Identne IEC 60455-3-4:1984

ja identne HD 307.3.4 S1:1987

**Specification for solventless
polymerisable resinous
compounds used for electrical
insulation; Part 3: Specifications
for individual materials; Sheet 4:
Filled polyurethane compounds**

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

prEVS 54736

Tähtaeg: 2003-01-01

Identne IEC 60684-3-209:1987

ja identne HD 523.3.209 S1:1989

**Specification for flexible
insulating sleeving; Part 3:
Specification requirements for
individual types of sleeving;
Sheet 209: Heat shrinkable
sleeving, general purpose, flame
retarded polyolefin shrink ratio
2:1**

Gives requirements for general
purpose, flexible, flame retarded,
heat shrinkable polyolefin sleeving
with a nominal minimum shrink
ratio of 2:1.

prEVS 54738

Tähtaeg: 2003-01-01

Identne IEC 60684-3-320:1987

ja identne HD 523.3.320 S1:1989

**Specification for flexible
insulating sleeving; Part 3:
Specification requirements for
individual types of sleeving;
Sheet 320: Polyethylene
terephthalate textile, lightly
impregnated**

Gives the requirements for
sleeving constructed from
polyethylene terephthalate yarn,
lightly impregnated with resin to
provide mechanical stability.

prEVS 54840

Tähtaeg: 2003-01-01

Identne EN 50290-2-24:2002

**Communication cables - Part 2-
24: Common design rules and
construction PE sheathing**

This Part 2-24 of EN 50290 gives
specific requirements for PE
sheathing compounds used in
communication cables.

prEVS 54841

Tähtaeg: 2003-01-01

Identne EN 50290-2-25:2002

**Communication cables - Part 2-
25: Common design rules and
construction Polypropylene
insulation compounds**

This Part 2-25 of EN 50290 gives
specific requirements for
polypropylene insulation
compounds used in
communication cables.

prEVS 54842

Tähtaeg: 2003-01-01

Identne EN 50290-2-26:2002

**Communication cables - Part 2-
26: Common design rules and
construction Halogen free
flame retardant insulation
compounds**

This Part 2-26 of EN 50290 gives
specific requirements for halogen
free flame retardant insulation
compounds used in
communication cables.

prEVS 54843

Tähtaeg: 2003-01-01
Identne EN 50290-2-27:2002
Communication cables - Part 2-27: Common design rules and construction Halogen free flame retardant thermoplastic sheathing compounds

This Part 2-27 of EN 50290 gives specific requirements for halogen free flame retardant thermoplastic sheathing compounds used in communication cables.

prEVS 54845

Tähtaeg: 2003-01-01

Identne EN 50290-2-29:2002

Communication cables - Part 2-29: Common design rules and construction Cross-linked PE insulation compounds

This Part 2-29 of EN 50290 includes requirements for cross-linked PE insulation compounds used in communication cables.

prEVS 54846

Tähtaeg: 2003-01-01

Identne EN 50290-2-30:2002

Communication cables - Part 2-30: Common design rules and construction -Poly(tetrafluoroethylene-hexafluoropropylene) (FEP) insulation and sheathing

This Part 2-30 of EN 50290 gives specific requirements for poly(tetrafluoroethylene-hexafluoropropylene) (FEP) insulation and sheathing used in communication cables.

prEVS 54940

Tähtaeg: 2003-01-01

Identne EN 50290-2-20:2001

Communication cables - Part 2-20: Common design rules and construction - General

The series of part 2 of the European Standard EN 50290 specifies common design rules and construction requirements for materials used for communication cables.

29.035.30

Klaasist ja keraamilised isolatsioonimaterjalid

Glass and ceramic insulating materials

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54553

Tähtaeg: 2003-01-01

Identne IEC 60684-3-400 to 402:1991

ja identne HD 523.3.400 to 402 S1:1993

Specification for flexible insulating sleeving; Part 3: Specification requirements for individual types of sleeving; Sheets 400 to 402: Glass textile sleeving with silicone elastomer coating

Gives the requirements for E type glass textile sleeving using either braided or knitted construction coated with a continuous layer of silicone elastomer, available in bore sizes 0,3 mm to 25 mm.

prEVS 54737

Tähtaeg: 2003-01-01

Identne IEC 60684-3-300:1987

ja identne HD 523.3.300 S1:1989

Specification for flexible insulating sleeving; Part 3: Specification requirements for individual types of sleeving; Sheet 300: Glass textile fibre sleeving, braided, uncoated

Gives requirements for sleeving constructed from a braid of E-type glass yarn. The sleeving is annealed by heat treatment to assist in maintaining a circular cross-section.

prEVS 54739

Tähtaeg: 2003-01-01

Identne IEC 60684-3-406 to 408:1988

ja identne HD 523.3.406 to 408 S1:1990

Specification for flexible insulating sleeving; Part 3: Specification requirements for individual types of sleeving; Sheets 406 to 408: Glass textile sleeving with PVC based coating

Deals with glass textile sleeving with PVC based coating: -sheet 406: high breakdown strength, -sheet 407: medium breakdown strength, -sheet 408: lower breakdown strength.

29.035.99

Muud isolatsioonimaterjalid

Other insulating materials

KAVANDITE ARVAMUSKÜSITLUS

prEVS 38410

Tähtaeg: 2003-01-01

Identne IEC 60567:1992

ja identne EN 60567:1992

Guide for the sampling of gases and of oil from oil-filled electrical equipment and for the analysis of free and dissolved gases

This guide deals with the techniques for sampling free gases from gas-collecting relays and for sampling oil from oil-filled equipment such as power and instrument transformers, reactors, bushings, oil-filled cables and oil-filled tank-type capacitors. Three methods of sampling free gases and three methods of sampling oil are described; the choice between the methods often depends of the apparatus available and on the quantity of oil needed for analysis.

prEVS 54640

Tähtaeg: 2003-01-01

Identne IEC 60667-1:1980

ja identne HD 416.1 S1:1981

Specification for vulcanized fibre for electrical purposes; Part 1: Definitions and general requirements

Gives definitions, classification, forms and colours, general and geometric requirements.

prEVS 54642

Tähtaeg: 2003-01-01

Identne IEC 60667-

2:1982+A1:1986

ja identne HD 416.2 S1:1987

Specification for vulcanized fibre for electrical purposes; Part 2: Methods of test

Covers vulcanized fibre sheets, flat or corrugated sheets, round rods and round tubes suitable as electrical insulation. Materials made by combining with an adhesive several thicknesses of vulcanized fibre are not covered by this standard.

prEVS 54644

Tähtaeg: 2003-01-01

Identne IEC 60667-3-1:1986

ja identne HD 416.3.1 S1:1988

Specification for vulcanized fibre for electrical purposes; Part 3: Specifications for individual materials; Sheet 1: Flat sheets

Flat sheets

Specifies requirements for flat vulcanized fibre sheets. Not applicable to material made by combining with an adhesive several thicknesses of vulcanized fibre sheet.

29.040.10

Isoleerivad õlid

Insulating oils

KAVANDITE ARVAMUSKÜSITLUS

prEVS 38410

Tähtaeg: 2003-01-01

Identne IEC 60567:1992

ja identne EN 60567:1992

Guide for the sampling of gases and of oil from oil-filled electrical equipment and for the analysis of free and dissolved gases

This guide deals with the techniques for sampling free gases from gas-collecting relays and for sampling oil from oil-filled equipment such as power and instrument transformers, reactors, bushings, oil-filled cables and oil-filled tank-type capacitors. Three methods of sampling free gases and three methods of sampling oil are described; the choice between the methods often depends of the apparatus available and on the quantity of oil needed for analysis.

prEVS 38457

Tähtaeg: 2003-01-01

Identne IEC 60867:1993

ja identne EN 60867:1994

Insulating liquids - Specifications for unused liquids based on synthetic aromatic hydrocarbons

This International Standard covers specifications and test methods for unused synthetic aromatic hydrocarbons intended for use as insulating liquid in electrical equipment.

prEVS 38461

Tähtaeg: 2003-01-01

Identne IEC 60590:1977

ja identne HD 382 S1:1979

Determination of the aromatic hydrocarbon content of new mineral insulating oils

This standard deals with the determination of the aromatic hydrocarbon content of new mineral insulating oils. Applicable to quality control and acceptance testing of oils. Two methods of analysis are given: Infra-red spectrophotometry and adsorption chromatography.

prEVS 38465

Tähtaeg: 2003-01-01

Identne IEC 60628:1985

ja identne HD 488 S1:1987

Gassing of insulating liquids under electrical stress and ionization

This standard describes two procedures each using different apparatus to measure the tendency of insulating liquids to evolve or absorb gas when subjected, in cells having specific geometries, to electrical stress of sufficient intensity to cause an electric discharge through a gas phase in which a gas-oil interface is located.

prEVS 38474

Tähtaeg: 2003-01-01

Identne IEC 60666:1979

ja identne HD 415 S1:1981

Detection and determination of specified anti-oxidant additives in insulating oils

The methods described are to be used for the detection and determination of specified antioxidant additives in new hydrocarbon insulating oils. The detection methods are to be applied to assess whether or not a hydrocarbon insulating oil contains an anti-oxidant additive as specified by the supplier. The determination methods are used for the quantitative determination of anti-oxidant additives previously detected by the appropriate detection method.

29.050

Juhid

Conducting materials

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54820

Tähtaeg: 2003-01-01

Identne IEC 61788-7:2002

ja identne EN 61788-7:2002

Superconductivity - Part 7: Electronic characteristic measurements - Surface resistance of superconductors at microwave frequencies

Describes measurement of the surface resistance of superconductors at microwave frequencies by the standard two-resonator method. The object of measurement is the temperature dependence of R_s at the resonant frequency.

prEVS 54875

Tähtaeg: 2003-01-01

Identne IEC 61788-10:2002

ja identne EN 61788-10:2002

Superconductivity - Part 10: Critical temperature measurement - Critical temperature of Nb-Ti, Nb₃Sn, and Bi-system oxide composite superconductors by a resistance method

Specifies a test method for the resistive determination of the critical temperature of composite superconductors for industrial use. The composite superconductors covered in this standard include Cu/Nb-Ti, Cu/Cu-Ni/Nb-Ti and Cu-Ni/Nb-Ti composite superconductors, Cu/Nb₃Sn composite superconductors and metal-stabilized Bi-system oxide superconductors that have a monolithic structure and a shape of round, flat or square wire containing mono- or multi-cores of superconductors.

prEVS 54876

Tähtaeg: 2003-01-01

Identne IEC 61788-12:2002

ja identne EN 61788-12:2002

Superconductivity - Part 12: Matrix to superconductor volume ratio measurement - Copper to non-copper volume ratio of Nb₃Sn composite superconducting wires

Describes the test method for determining the copper to non-copper volume ratio of Cu/Nb₃Sn wires. The test method given hereunder is applicable to Nb₃Sn composite superconducting wires with a cross-sectional area of 0,1 mm² to 3 mm² and a copper to non-copper volume ratio of 0,1 or more. It does not make any reference to the filament diameter; however, it is not applicable to those superconducting wires with their filament, Sn, CuSn, barrier material and other non-copper portions dispersed in the copper matrix or those with the stabilizer dispersed. Furthermore, the copper to non-copper volume ratio can be determined on specimens before or after the Nb₃Sn formation heat treatment process. This test method may be applied to other composite superconducting wires after some appropriate modifications.

29.060

Elektrijuhmed, kaablid jm juhid

Electrical wires and cables

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54788

Tähtaeg: 2003-01-01

Identne IEC 62219:2002

ja identne EN 62219:2002

Overhead electrical conductors

-Formed wire, concentric lay, stranded conductors

Specifies the electrical and mechanical characteristics of concentric lay, overhead conductors of wires formed or shaped before, during or after stranding, made of combinations of any of the following metal wires:

- a) hard aluminium as per IEC 60889 designated A1; b) hard aluminium as per IEC 60889 designated A1F wire shaped before stranding; c) hard aluminium alloy as per IEC 60104 designated A2 or A3; d) hard aluminium alloy as per IEC 60104 designated A2F or A3F shaped before stranding; e) regular strength steel, designated S1A or S1B, where A and B are zinc coating classes, corresponding respectively to classes 1 and 2; f) high strength steel, designated S2A or S2B; g) extra high strength steel, designated S3A; h) aluminium clad steel, designated SA.

29.060.10

Elektrijuhid

Wires

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 26779

Tähtaeg: 2003-01-01

Identne IEC 60851-1:1996

ja identne EN 60851-1:1996

Winding wires - Test methods - Part 1: General

This part of IEC 851 specifies the general notes on methods of test for winding wires. It also gives the definitions for terms used in IEC 851. A survey of the contents of part 2 to part 6 of IEC 851 is given in annex A.

prEVS 26780

Tähtaeg: 2003-01-01

Identne IEC 60851-

2:1996+A1:1997

ja identne EN 60851-

2:1996+A1:1997

Winding wires - Test methods - Part 2: Determination of dimensions

This part of IEC 851 specifies the following method of test: - Test 4: Dimensions. For definitions, general notes on methods of test and the complete series of methods of test for winding wires see IEC 851-1.

prEVS 26785

Tähtaeg: 2003-01-01

Identne IEC 60851-

4:1996+A1:1997

ja identne EN 60851-

4:1996+A1:1997

Winding wires - Test methods - Part 4: Chemical properties

This part of IEC 851 specifies the following methods of test: - Test 12: Resistance to solvents; - Test 16: Resistance to refrigerants; - Test 17: Solderability; - Test 20: Resistance to transformer oil. For definitions, general notes on methods of test and the complete series of methods of test for winding wires see IEC 851-1.

prEVS 26789

Tähtaeg: 2003-01-01

Identne IEC 60851-5:1996 +

A1:1997

ja identne EN 60851-5:1996 +

A1:1997

Winding wires - Test methods - Part 5: Electrical properties

This part of IEC 851 specifies the following methods of test: - Test 5: Electrical resistance; - Test 13: Breakdown voltage; - Test 14: Continuity of insulation; - Test 19: Dielectric dissipation factor. For definitions, general notes on methods of test and the complete series of methods of test for winding wires see IEC 851-1.

prEVS 26790

Tähtaeg: 2003-01-01

Identne IEC 60851-

6:1996+A1:1997

ja identne EN 60851-

6:1996+A1:1997

Winding wires - Test methods Part 6: Thermal properties

This part of IEC 851 specifies the following methods of test: - Test 9: Heat shock; - Test 10: Cut-through; - Test 15: Temperature index; - Test 12: Loss of mass. For definitions, general notes on methods of test and the complete series of methods of test for winding wires see IEC 851-1.

prEVS 29708

Tähtaeg: 2003-01-01

Identne IEC 60851-3:1996+

A1:1997

ja identne EN 60851-3:1996+

A1:1997

Winding wires - Test methods - Part 3: Mechanical properties

This report relates to coefficient of friction test methods to be used for winding wires.

29.060.20

Kaablid

Cables

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54639

Tähtaeg: 2003-01-01

Identne IEC 60304:1982

ja identne HD 402 S2:1984

Standard colours for thermoplastic materials used for the insulation for low-frequency cables and wires

Applies to thermoplastic insulation for low-frequency cables and wires. Gives the standard colours to be used.

prEVS 54808

Tähtaeg: 2003-01-01

Identne IEC 60702-1:2002

ja identne EN 60702-1:2002

Mineral insulated cables and their terminations with a rated voltage not exceeding 750 V - Part 1: Cables

This standard applies to mineral insulated general wiring cables with copper sheath and copper conductors with rated voltages up to 750 V. Provision is made for a corrosion resistant outer covering over the sheath, when required.

prEVS 54809

Tähtaeg: 2003-01-01

Identne IEC 60702-2:2002

ja identne EN 60702-2:2002

Mineral insulated cables and their terminations with a rated voltage not exceeding 750 V - Part 2: Terminations

This standard specifies requirements for terminations for use with mineral insulated cables complying with the requirements of CENELEC harmonised publication HD 586.1.

prEVS 54967

Tähtaeg: 2003-01-01

Identne EN 50356:2002

Method for spark testing of cables

The spark-test method specified in this standard is intended for the detection of defects in the insulation or sheathing layers of electric cables. For single core cables with no outer metallic layer, the general process is accepted as being equivalent to subjecting samples of those cables to a voltage test in water.

prEVS 54968

Tähtaeg: 2003-01-01

Identne IEC 60230:1966

ja identne EN 60230:2002

Impulse tests on cables and their accessories

Lays down the conditions and procedure for carrying out impulse tests on cables and their accessories, with a view to rationalizing the practice in different laboratories, and thus to facilitate valid comparisons between the results obtained on cables made to different specifications. Notes: 1. This publication should be read in conjunction with IEC 60060 and 60141. 2. For voltage measurements with sphere-gaps, see IEC 60052.

29.080.10

Isolaatorid

Insulators

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54671

Tähtaeg: 2003-01-01

Identne IEC 60120:1984

ja identne HD 474 S1:1986

Dimensions of ball and socket couplings of string insulator units

Applies to string insulator units of the cap and pin and long rod types and their associated metal fittings for overhead lines. Includes six standard sizes designated by the nominal pin diameters which form the basis of the standard. Defines each standard size by the dimensions of the pin ball, of the socket and the hook-on 'Go' gauge. States dimensions of twin-balled pins for coupling of two sockets. Tabulates clearance and locking conditions. Appendices give information on extreme positions of the pin ball in the socket as well as on gauges for checking dimensions.

prEVS 54695

Tähtaeg: 2003-01-01

Identne IEC 60233:1974

ja identne HD 329 S1:1977

Tests on hollow insulators for use in electrical equipment

Applies to insulating weather shields and containers made of ceramic material or glass before any metal fittings are attached intended for use in electrical equipment operating on d.c. or a.c., such as instrument transformers, lightning arresters, capacitors, bushings, cable sealing ends and circuit-breakers.

29.080.30

Isolatsioonisüsteemid

Insulation systems

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54877

Tähtaeg: 2003-01-01

Identne IEC 61857-22:2002

ja identne EN 61857-22:2002

Electrical insulation systems - Procedures for thermal evaluation - Part 22: Specific requirements for encapsulated-coil model - Wire-wound electrical insulation system (EIS)

Specifies an encapsulated-coil model (ECM) that can be used for the evaluation of encapsulated wire-wound EIS.

prEVS 54878

Tähtaeg: 2003-01-01

Identne IEC 61857-23:2002

ja identne EN 61857-23:2002

Electrical insulation systems - Procedures for thermal evaluation - Part 23: Specific requirements for general purpose, tall-channel model - Wire-wound electrical insulation systems (EIS)

Specifies a general-purpose, tall-channel model (GPM-TC) which can be used for the evaluation of wire-wound electrical insulation systems (EIS) where the general-purpose model (GPM) defined in IEC 61857-21 does not offer sufficient space for the electrical insulating materials (EIM) and/or winding wire to be evaluated.

29.120.30

Pistikud, pistikupesad, pistikühendused

Plugs, socket-outlets, couplers

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54608

Tähtaeg: 2003-01-01

Identne IEC 60457-5:1984

ja identne HD 351.5 S1:1986

Rigid precision coaxial lines and their associated precision connectors; Part 5: 50 ohms 3.5 mm rigid precision coaxial line with provision for mounting connectors

Gives geometrical configuration of the rigid precision coaxial line and the provision mounting connectors.

29.120.40

Lülitid

Switches

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54571

Tähtaeg: 2003-01-01

Identne IEC 61058-1:2000+ A1:2001

ja identne EN 61058-1:2002

Switches for appliances - Part 1: General requirements

Applies to switches for appliances actuated by hand, by foot or by other human activity for use in, on or with appliances and other equipment for household and similar purposes, with a rated voltage not exceeding 440 V and a rated current not exceeding 63 A.

29.120.50

Kaitsmed jm

liigvoolukaitseaparaadid

Fuses and other overcurrent protection devices

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 24724

Tähtaeg: 2003-01-01

Identne IEC 60282-1:2002

ja identne EN 60282-1:2002

High-voltage fuses - Part 1: Current-limiting fuses

This standard applies to all types of high-voltage current-limiting fuses designed for use outdoors or indoors on alternating current systems of 50 Hz and 60 Hz and of rated voltages exceeding 1 000 V. Some fuses are provided with fuse-links equipped with an indicating device or a striker. These fuses come within the scope of this standard, but the correct operation of the striker in combination with the tripping mechanism of the switching device is outside the scope of this standard; see IEC 420.

prEVS 54562

Tähtaeg: 2003-01-01

Identne IEC 60269-2:1986/A2:2001

ja identne EN 60269-2:1995/A2:2002

Low-voltage fuses - Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application)

These supplementary requirements apply to fuses for use by authorized persons. Fuses for use by authorized persons are generally designed to be used in installations where the fuse-links are accessible to, and may be replaced by, authorized persons only.

prEVS 54848

Tähtaeg: 2003-01-01

Identne IEC 60127-10:2001

ja identne EN 60127-10:2002

Miniature fuses - Part 10: User guide for miniature fuses

Relates to miniature fuses for the protection of electric appliances, electronic equipment and component parts thereof, normally intended to be used indoors, as specified in IEC 60127-2, 60127-3 and 60127-4. It relates to fuse-holders for miniature fuse-links according to IEC 60127-6. The object of this guide is to introduce the user to the important properties of miniature fuse-links and fuse-holders for miniature fuses-links and to give some guidance on applying them.

29.120.60

Lülitus- ja juhtimisaparaadid

Switchgear and controlgear

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 33297

Tähtaeg: 2003-01-01

Identne EN 50274:2002

Low-voltage switchgear and controlgear assemblies - Protection against electric shock - Protection against unintentional direct contact with hazardous live parts

This standard applies to low-voltage switchgear and controlgear assemblies with rated operational voltage not exceeding 1000 V a.c. or 1500 V d. c. It applies to the partial protection against direct contact in cases when the operating devices are positioned close to hazardous-live-parts and these operating devices are actuated by minimum skilled or instructed persons.

29.120.70

Releed

Relays

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 32171

Tähtaeg: 2003-01-01

Identne EN 50216-2:2002

Power transformer and reactor fittings - Part 2: Gas and oil actuated relay for liquid immersed transformers and reactors with conservator

This standard covers the gas and oil operated relay protection device for liquid immersed power transformers and reactors with expansion tank and intended for indoor or outdoor installation.

prEVS 33843

Tähtaeg: 2003-01-01

Identne IEC 61811-50:2002

ja identne EN 61811-50:2002

Electromechanical all-or-nothing relays - Part 50: Sectional specification - Electromechanical all-or-nothing telecom relays of assessed quality

This part of IEC 61811 is a sectional specification and applies to electromechanical all-or-nothing telecom relays of assessed quality. Relays according to this standard are provided for operation in telecommunication applications. However, as electromechanical all-or-nothing relays they are also suitable for particular industrial and other applications.

prEVS 33861

Tähtaeg: 2003-01-01

Identne IEC 61811-51:2002

ja identne EN 61811-51:2002

Electromechanical all-or-nothing relays - Part 51: Blank detail specification - Electromechanical all-or-nothing telecom relays of assessed quality - Non-standardized types and construction

This part of IEC 61811 is a blank detail specification applicable to electromechanical all-or-nothing telecom relays of assessed quality. Relays according to this standard are provided for operation in telecommunication applications. However, as electromechanical all-or-nothing relays they are also suitable for particular industrial and other applications.

prEVS 33865

Tähtaeg: 2003-01-01

Identne IEC 61811-52:2002

ja identne EN 61811-52:2002

Electromechanical all-or-nothing relays - Part 52: Blank detail specification - Elektromechanical all-or-nothing telecom relays of assessed quality - Two change-over contacts, 20 mm x 10 mm base

This part of IEC 61811 is a blank detail specification applicable to electromechanical all-or-nothing telecom relays of assessed quality. Relays according to this standard are provided for operation in telecommunication applications. However, as electromechanical all-or-nothing relays they are also suitable for particular industrial and other applications.

prEVS 33875

Tähtaeg: 2003-01-01

Identne IEC 61811-53:2002

ja identne EN 61811-53:2002

Electromechanical all-or-nothing relays - Part 53: Blank detail specification - Electromechanical all-or-nothing telecom relays of assessed quality - Two change-over contacts, 14 mm x 9 mm base

This part of IEC 61811 is a blank detail specification applicable to electromechanical all-or-nothing telecom relays of assessed quality. Relays according to this standard are provided for operation in telecommunication applications. However, as electromechanical all-or-nothing relays they are also suitable for particular industrial and other applications.

prEVS 33877
Tähtaeg: 2003-01-01
Identne IEC 61811-54:2002
ja identne EN 61811-54:2002
Electromechanical all-or-nothing relays - Part 54: Blank detail specification - Electromechanical all-or-nothing telecom relays of assessed quality - Two change-over contacts, 15 x 7,5 mm base
This part of IEC 61811 is a blank detail specification applicable to electromechanical all-or-nothing telecom relays of assessed quality. Relays according to this standard are provided for the operation in telecommunication applications. However, as electromechanical all-or-nothing relays they are also suitable for particular industrial and other applications.
prEVS 54791
Tähtaeg: 2003-01-01
Identne IEC 61811-55:2002
ja identne EN 61811-55:2002
Electromechanical all-or-nothing relays - Part 55: Blank detail specification - Electromechanical all-or-nothing telecom relays of assessed quality - Two change-over contacts, 11 mm x 7,5 mm (max.) base
Is a blank detail specification applicable to electromechanical all-or-nothing telecom relays of assessed quality. Selects the appropriate methods of test to be used in detail specifications and contains basic test schedules to be used in the preparation of such specifications.

29.130.20

Madalpingelised lülitusseadmed ja nende juhtseadmed

Low voltage switchgear and controlgear

KAVANDITE ARVAMUSKÜSITLUS

prEVS 22174
Tähtaeg: 2003-01-01
Identne EN 50001:1973

Low voltage switchgear and control gear for industrial use - Dimensions

The purpose of the present standard is to establish the dimensions, including the fixing dimensions, of low voltage industrial apparatus.

prEVS 22183
Tähtaeg: 2003-01-01
Identne EN 50002:1973
Low voltage switchgear and control gear for industrial use - Dimensions - Fixing holes for contactor relays
The present standard applies to contactor relays and primarily to those having from 4 to 10 contacts, of which the rated working voltage does not exceed 380V (415V) alternating current, and the terminals of which each permit the connection of either one or two flexible conductors of 1,5 mm² maximum cross section or of a single flexible conductor of 2,5 mm² maximum cross section.

prEVS 22190
Tähtaeg: 2003-01-01
Identne EN 50005:1976
Low voltage switchgear and controlgear for industrial use - Terminal marking and distinctive number - General rules
This standard applies to switchgear and controlgear for industrial use having rated voltages not exceeding 1000 V a.c. and 1200 V d.c. It is based on the uniform system of terminal marking specified in IEC- publication 445-1973.

prEVS 22195
Tähtaeg: 2003-01-01
Identne EN 50011:1977
Low voltage switchgear and controlgear for industrial use - Terminal marking, distinctive number and distinctive letter for particular contactor relays
This standard applies to contactor relays according to IEC standard 337, having specific relative positions of the contact elements and an associated terminal numbering sequence.

prEVS 22198
Tähtaeg: 2003-01-01
Identne EN 50012:1977
Low voltage switchgear and controlgear for industrial use - Terminal marking and distinctive number for auxiliary contacts of particular contactors
This standard applies to contactors according to IEC-Standard 158-1, irrespective of their power and construction, having terminal marking of auxiliary contacts in accordance with the corresponding marking of contactor relays designated by the distinctive letter E (see EN 50011).

prEVS 22201
Tähtaeg: 2003-01-01
Identne EN 50013:1977
Low voltage switchgear and controlgear for industrial use - Terminal marking and distinctive number for particular control switches
This standard applies to control switches according to IEC Standard 337-1, with two definite positions (such as push-buttons, limit-switches and similar devices), irrespective of their construction, having terminal marking in accordance with the corresponding marking of contactor relays designated by the distinctive letter E (see EN 50011).

prEVS 22243
Tähtaeg: 2003-01-01
Identne EN 50042:1980
Low voltage switchgear and controlgear for industrial use - Terminal marking - Terminals for external associated electronic circuit components and contacts
This standard applies to switching devices which are able to operate only when completed with external associated electronic circuit components and contacts.

prEVS 22250
Tähtaeg: 2003-01-01
Identne EN 50043:1985
Low voltage switchgear and controlgear for industrial use - Size numbers and gauges for flat connections
This standard applies to flat connections of low voltage switchgear and controlgear by means of flat terminals with one clearance hole, or one threaded hole, or one screw or stud, which are designed for the connection of rectangular bars or of lugs for round conductors.

prEVS 22265
Tähtaeg: 2003-01-01
Identne EN 50047:1981
Low voltage switchgear and controlgear for industrial use - Control switches - Position switches 30 x 55 - Dimensions and characteristics
This standard applies to certain position switches with automatic return actuator for industrial use, the standardized dimensions of which and the characteristics necessary for their application are given below.

prEVS 54731
Tähtaeg: 2003-01-01

Identne EN 50041:1981

Low voltage switchgear and controlgear for industrial use. Control switches. Position switches 42, 5 x 80. Dimensions and characteristics

This standard applies to certain position switches with automatic return actuator for industrial use, the standardized dimensions of which and the characteristics necessary for their application are given below.

29.140.10

Lambisoklid ja -pesad

Lamp caps and holders

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54534

Tähtaeg: 2003-01-01

Identne IEC 60400:1999/A1:2002

ja identne EN

60400:2000/A1:2002

Lampholders for tubular fluorescent lamps and starterholders

States the technical and dimensional requirements for lampholders for tubular fluorescent lamps and for starterholders, and the methods of test to be used in determining the safety and the fit of the lamps in the lampholders and the starters in the starterholders.

29.140.30

Luminofoorlambid.

Lahenduslambid

Fluorescent lamps. Discharge lamps

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 27592

Tähtaeg: 2003-01-01

Identne IEC

61049:1991+corr:1992

ja identne EN 61049:1993

Capacitors for use in tubular fluorescent and other discharge lamp circuits - Performance requirements

Specifies the requirements for both self-healing and non-self-healing continuously rated a.c. capacitors of up to and including 2,5 kvar, and not less than 0,1 µF, having a rated voltage not exceeding 1 000 V, which are intended for use in discharge lamp circuits operating at 50 Hz or 60 Hz and at altitudes up to 3 000 m. Does not cover radio-interference suppressor capacitors the requirements for which are given in IEC 384-14. This publication supersedes IEC 566.

29.140.40

Valgustid

Luminaires

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 26516

Tähtaeg: 2003-01-01

Identne IEC 60598-2-10:1987+

A1:1990+A2:1995

ja identne EN 60598-2-10:1989+

A1:1991+A2:1995

Luminaires - Part 2: Particular requirements - Section Ten: Portable child-appealing luminaires

This section of Part 2 of IEC Publication 598 specifies requirements for portable child-appealing luminaires for use with tungsten filament lamps on supply voltages not exceeding 24 V (SELV). It is to be read in conjunction with those sections of Part 1 to which reference is made. prEVS 27507

Tähtaeg: 2003-01-01

Identne IEC 60598-2-18:1993

ja identne EN 60598-2-18:1994

Luminaires - Part 2: Particular requirements - Section 18: Luminaires for swimming pools and similar applications

Specifies requirements for fixed luminaires intended for use in water, or in contact with water, for examples in swimming pools, fountains, paddling pools, and garden pools, and for use with tungsten filament lamps. prEVS 54535

Tähtaeg: 2003-01-01

Identne EN 60598-

1:2000/A12:2002

Luminaires - Part 1: General requirements and tests

Covers general requirements for the classification and marking of luminaires and for their mechanical and electrical construction, together with related tests. Is applicable to luminaires for use with filaments, tubular fluorescent and other discharge lamps on supply voltages not exceeding 1 000 V. This publication supersedes IEC 162 (1972).

prEVS 54536

Tähtaeg: 2003-01-01

Identne EN 60598-1:2000/

A15:2002

Luminaires - Part 1: General requirements and tests

Covers general requirements for the classification and marking of luminaires and for their mechanical and electrical construction, together with related tests. Is applicable to luminaires for use with filaments, tubular fluorescent and other discharge lamps on supply voltages not exceeding 1 000 V. This publication supersedes IEC 162 (1972).

29.160.01

Pöörlevad masinad üldiselt

Rotating machinery in general

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 33858

Tähtaeg: 2003-01-01

Identne IEC 60027-4:1985

ja identne HD 245.4 S1:1987

Letter symbols to be used in electrical technology - Part 4: Symbols for quantities to be used for rotating electrical machines

Contains letter symbols for quantities related to rotating electrical machines. Concerns dimensional characteristics as well as performance under different operating conditions. prEVS 39548

Tähtaeg: 2003-01-01

Identne IEC 61986:2002

ja identne EN 61986:2002

Rotating electrical machines - Equivalent loading and superposition techniques - Indirect testing to determine temperature rise

This standard applies to machines covered by IEC 34-1 when they cannot be loaded to a specific condition (rated or otherwise) for whatever reason. The methods are not suitable for machines of and below 1 kW. The object of this standard is to provide descriptions of various indirect load tests, the purpose of which is to determine the temperature rise of rotating electrical machines, including ac induction machines, ac synchronous machines and dc machines; both motors and generators are covered within the scope of the standard. The test methods in some cases provide in addition a means of measuring or estimating other parameters such as losses and vibration, but the methods are not designed specifically to provide such data. The proposed methods of test are considered equivalent, the choice of them relying only on the location, the testing apparatus and the kind of machine and the test result accuracy.

29.180

Trafod. Reaktorid

Transformers. Reactors

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 28329

Tähtaeg: 2003-01-01

Identne HD 538.3 S1:1997

Three-phase dry-type distribution transformers 50 Hz, from 100 to 2500 kVA, with highest voltage for equipment not exceeding 36 kV - Part 3:

Determination of the power rating of a transformer loaded with non-sinusoidal current

This document gives to the user guidance to determine the loadability of a dry-type distribution transformer, as defined in and covered by HD 538 in the case of load current with harmonic factors exceeding the maximum values allowed.

prEVS 28777

Tähtaeg: 2003-01-01

Identne HD 538.1 S1:1992 + A1:1995

Three-phase dry-type distribution transformers 50 Hz, from 100 to 2500 kVA, with highest voltage for equipment not exceeding 36 kV - Part 1:

General requirements and requirements for transformers with highest voltage for equipment not exceeding 24 kV

This Harmonization Document covers transformers from 100 to 2 500 kVA intended for operation in three-phase distribution networks. It applies to three-phase dry-type transformers for continuous service 50 Hz, natural cooling, with two windings: - a primary (high-voltage) winding with a highest voltage for equipment of 3,6 kV to 24 kV. - a secondary (low-voltage) winding with a highest voltage for equipment not exceeding 1,1 kV.

prEVS 28778

Tähtaeg: 2003-01-01

Identne HD 538.2 S1:1995

Three-phase dry-type distribution transformers 50 Hz, from 100 to 2500 kVA, with highest voltage for equipment not exceeding 36 kV - Part 2:

Supplementary requirements for transformers with highest voltage for equipment equal to 36 kV

This Harmonization Document covers transformers from 100 kVA to 2 500 kVA intended for operation in three-phase distribution networks. It applies to three-phase dry-type transformers for continuous service, 50 Hz, natural cooling, with two windings: a primary (high-voltage) winding with the highest voltage for equipment equal to 36 kV; - a secondary (low-voltage) winding with the highest voltage for equipment not exceeding 1,1 kV.

prEVS 28815

Tähtaeg: 2003-01-01

Identne IEC 60852-4:1996

ja identne EN 60852-4:1996

Outline dimensions of transformers and inductors for use in telecommunication and electronic equipment - Part 4: Transformers and inductors using YUI-2 laminations

This part of IEC 852 specifies the outline dimensions of transformers and inductors, using YUI-2 laminations, built for the most commonly used forms of mounting style, namely vertical mounting and level mounting. The level mounting style is subdivided into bracket mounting, and pillar mounting and printed wiring board mounting variants.

prEVS 32170

Tähtaeg: 2003-01-01

Identne EN 50216-1:2002

Power transformer and reactor fittings - Part 1: General

This European Standard covers the general conditions concerning accessories for oil immersed transformers and reactors. This document describes in particular: - General conditions of service. - Electrical characteristics of contacts. - Dynamic characteristics. - Mechanical/hydraulic (if applicable) construction. They are foreseen for stationary use in non-weather protected locations.

prEVS 32171

Tähtaeg: 2003-01-01

Identne EN 50216-2:2002

Power transformer and reactor fittings - Part 2: Gas and oil actuated relay for liquid

immersed transformers and reactors with conservator

This standard covers the gas and oil operated relay protection device for liquid immersed power transformers and reactors with expansion tank and intended for indoor or outdoor installation.

prEVS 32173

Tähtaeg: 2003-01-01

Identne EN 50216-7:2002

Power transformer and reactor fittings - Part 7: Electric pumps for transformer oil

This standard specifies the earthing terminals for immersed and dry-type transformers from 50 kVA to 10000 kVA. This standard specifies the shape and the dimensions of different earthing terminals. The device shall ensure continuous electrical conductivity. There are two types, according to the practice of different countries.

prEVS 35159

Tähtaeg: 2003-01-01

Identne EN 50216-5:2002

Power transformer and reactor fittings - Part 5: Liquid level, pressure devices and flow indicators

This specification for liquid level indicators, forms of part 5 of EN 50216 "Power transformer and reactor fittings". This specification does not purport to include all the necessary provisions of a contract. Except where otherwise specified or implied herein, liquid level indicators shall comply with the requirements of EN 50216-1 "General".

prEVS 35160

Tähtaeg: 2003-01-01

Identne EN 50216-6:2002

Power transformer and reactor fittings - Part 6: Cooling equipment -Removable radiators for oil-immersed transformers

This specification for oil pressure gauges and differential pressure gauges forms part 6 of EN 50216 "Power transformer and reactor fittings". This specification does not purport to include all the necessary provisions of a contract. Except where otherwise specified or implied herein, oil pressure gauges and differential pressure gauges shall comply with the requirements of EN 50216-1 "General".

prEVS 54564

Tähtaeg: 2003-01-01

Identne IEC 60289:1988

ja identne EN

60289:1994+A11:2002

Reactors

This standard applies to the following types of reactors: shunt reactors, current-limiting reactors including neutral-earthing reactors, damping reactors, tuning (filter) reactors, earthing transformers (neutral couplers), arc-suppression reactors, smoothing reactors, with the exception of the following reactors: small reactors with a rating generally less than 2 kvar single-phase and 10 kvar three-phase, reactors for special purposes such as high-frequency line traps or reactors mounted on rolling stock.

prEVS 54898

Tähtaeg: 2003-01-01

Identne EN 50216-3:2002

Power transformer and reactor fittings - Part 3: Protective relay for hermetically sealed liquid-immersed transformers and reactors without gaseous cushion

EN 50216-3 applies to protective relays for hermetically liquid-immersed transformers, complying with the EN 60076 series, and reactors, complying with EN 60289, without gaseous cushions for indoor or outdoor installation.

prEVS 54901

Tähtaeg: 2003-01-01

Identne EN 50216-4:2002

Power transformer and reactor fittings - Part 4: Basic accessories (earthing terminal, drain and filling devices, thermometer pocket, wheel assembly)

EN 50216-4 specifies basic accessories of transformers, such as □ thermometer pockets, to be used for liquid immersed transformers, □ earth terminals; to be used for liquid immersed and dry-type transformers, □ draining plugs, to be used for liquid immersed distribution transformers, □ filling openings, to be used for liquid immersed distribution transformers, □ wheel assembly, choice and distance between centres, to be used for liquid immersed and dry-type distribution transformers.

prEVS 54959

Tähtaeg: 2003-01-01

Identne EN 50299:2002

Oil-immersed cable connection assemblies for transformers and reactors having highest voltage for equipment U_m from 72,5 kV to 550 kV

This standard covers the oil-immersed single-phase connection assembly of cables for transformers and reactors, designed in accordance with EN 60076 series and with EN 60289, respectively.

29.220.20

Happeakud ja -akupatareid

Acid secondary cells and batteries

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 22743

Tähtaeg: 2003-01-01

Identne IEC 61056-1:1991

ja identne EN 61056-1:1993

Portable lead-acid cells and batteries (Valve-regulated types) - Part 1: General requirements, functional characteristics - Methods of test

Specifies general requirements and the main characteristics together with the corresponding test methods.

prEVS 24235

Tähtaeg: 2003-01-01

Identne IEC 61056-2:1994

ja identne EN 61056-2:1994

Portable lead-acid cells and batteries (Valve-regulated types) - Part 2: Dimensions, terminals and marking

This part of IEC 1056 is applicable to lead-acid batteries of the valve-regulated type for cyclic and stand-by application with the rated capacity not exceeding 25 Ah. The cells of this kind of lead-acid batteries may either have flat-plate electrodes in prismatic containers or may have spirally wound electrodes in cylindrical containers. The electrolyte in these cells is immobilized either by absorption in a microporous material or in gelled form.

29.220.30

Leelisakud ja -akupatareid

Alkaline secondary cells and batteries

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 36984

Tähtaeg: 2003-01-01

Identne IEC 61960-2:2001

ja identne EN 61960-2:2001

Secondary lithium cells and batteries for portable applications - Part 2: Secondary lithium batteries

This International Standard specifies performance and safety tests, designations, markings, dimensions and other requirements for secondary lithium batteries. The objective of this standard is to provide the purchasers and users of secondary lithium batteries with a set of criteria with which they can judge the performance and safety of various secondary lithium batteries offered by various manufacturers. This standard defines a minimum required level of performance and safety, and a standardized methodology by which testing is performed and the results of this testing reported to the user. Hence, users will be able to establish the viability of commercially available batteries via the declared specification and thus be able to select the battery best

suited for their intended application.

29.220.99

Muud akud ja patareid

Other cells and batteries

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 36984

Tähtaeg: 2003-01-01

Identne IEC 61960-2:2001

ja identne EN 61960-2:2001

Secondary lithium cells and batteries for portable applications - Part 2: Secondary lithium batteries

This International Standard specifies performance and safety tests, designations, markings, dimensions and other requirements for secondary lithium batteries.

The objective of this standard is to provide the purchasers and users of secondary lithium batteries with a set of criteria with which they can judge the performance and safety of various secondary lithium batteries offered by various manufacturers. This standard defines a minimum required level of performance and safety, and a standardized methodology by which testing is performed and the results of this testing reported to the user. Hence, users will be able to establish the viability of commercially available batteries via the declared specification and thus be able to select the battery best suited for their intended application.

29.240

Elektrijaotusvõrgud

Power transmission and distribution networks

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54929

Tähtaeg: 2003-01-01

Identne IEC 61478:2001

ja identne EN 61478:2001

Live working -Ladders of insulating material

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

29.240.10

Alajaamad.

Liigpingepiirikud

Substations. Surge arresters

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54787

Tähtaeg: 2003-01-01

Identne IEC 61643-1:1998+

corr:1998

ja identne EN 61643-11:2002

Low-voltage surge protective devices Part 11: Surge protective devices connected to low-voltage power systems - Requirements and tests

Replace the existing scope by: This part of EN 61643 is applicable to devices for surge protection against indirect and direct effects of lightning or other transient overvoltages. These devices are packaged to be connected to 50/60 Hz a.c. power circuits, and equipment rated up to 1 000 V r.m.s.

29.240.20

Elektrijaotusliinid

Power transmission and distribution lines

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 22937

Tähtaeg: 2003-01-01

Identne IEC 60865-1:1993

ja identne EN 60865-1:1993

Short-circuit currents - Calculation of effects - Part 1: Definitions and calculation methods

Contains standardized procedures for the calculation of the effects of short-circuit currents in two sections as follows: - the electromagnetic effect on rigid conductors and flexible conductors; the thermal effect on bare conductors. Only a.c. systems for rated voltages up to and including 420 kV are dealt with.

prEVS 34563

Tähtaeg: 2003-01-01

Identne IEC 61057:1991

ja identne EN 61057:1993

Aerial devices with insulating boom used for live working exceeding 1 kV a.c.

This standard is applicable to aerial devices (mobile elevating work platforms (MEWP)), with or without the possibility of an additional jib, as a minimum with an insulating upper boom (extending structure), used for live working on the nominal voltage, which is between 1 kV r.m.s. and 800 kV r.m.s., at power frequency.

prEVS 54788

Tähtaeg: 2003-01-01

Identne IEC 62219:2002

ja identne EN 62219:2002

Overhead electrical conductors -Formed wire, concentric lay, stranded conductors

Specifies the electrical and mechanical characteristics of concentric lay, overhead conductors of wires formed or shaped before, during or after stranding, made of combinations of any of the following metal wires: a) hard aluminium as per IEC 60889 designated A1; b) hard aluminium as per IEC 60889 designated A1F wire shaped before stranding; c) hard aluminium alloy as per IEC 60104 designated A2 or A3; d) hard aluminium alloy as per IEC 60104 designated A2F or A3F shaped before stranding; e) regular strength steel, designated S1A or S1B, where A and B are zinc coating classes, corresponding respectively to classes 1 and 2; f) high strength steel, designated S2A or S2B; g) extra high strength steel, designated S3A; h) aluminium clad steel, designated SA.

29.260.20

Plahvatusohtlikus keskkonnas töötavad elektriseadmed

Electrical apparatus for explosive atmospheres

KAVANDITE ARVAMUSKÜSITLUS

prEVS 27694

Tähtaeg: 2003-01-01

Identne EN 50028:1987

Electrical apparatus for potentially explosive atmospheres - Encapsulation "m"

This European Standard contains the specific requirements for construction and testing of electrical apparatus, parts of electrical apparatus and Ex components in the type of protection "m", intended for use in potentially explosive atmospheres. This European Standard applies to electrical apparatus, parts of electrical apparatus and Ex components which have rated voltages not exceeding 11 kV. This European Standard supplements European Standard EN 50014 "General requirements" with the following exceptions.

prEVS 54540

Tähtaeg: 2003-01-01

Identne EN 50281-1-1:1998/A1:2002

Electrical apparatus for use in the presence of combustible dust - Part 1-1: Electrical apparatus protected by enclosures - Construction and testing

This European Standard is applicable to electrical apparatus protected by enclosures for use in areas where combustible dust may be present in quantities which could lead to a fire or explosion hazard. This standard specifies requirements for design, construction, and testing of electrical apparatus. EN 50281-1-2 gives guidance on the selection, installation and maintenance of the apparatus.

prEVS 54541

Tähtaeg: 2003-01-01

Identne EN 50281-1-2:1998/A1:2002

Electrical apparatus for use in the presence of combustible dust - Part 1-2: Electrical apparatus protected by enclosures - Selection, installation and maintenance

This European Standard is applicable to electrical apparatus protected by enclosures for use in areas where combustible dust may be present in quantities which could lead to a fire or explosion hazard. EN 50281-1-2 gives guidance on the selection, installation and maintenance of the apparatus. EN 50281-1-1 specifies requirements for the design, construction and testing of electrical apparatus.

prEVS 54730

Tähtaeg: 2003-01-01

Identne EN 50039:1980

Electrical apparatus for potentially explosive atmospheres. Intrinsically safe electrical systems "i"

This European Standard contains the specific requirements for construction and testing of intrinsically safe electrical systems, type of protection "i", intended for use, as a whole or in part, in potentially explosive atmospheres.

prEVS 54823

Tähtaeg: 2003-01-01

Identne IEC 62013-1:1999

ja identne EN 62013-1:2002

Caplights for use in mines susceptible to firedamp - Part 1: General requirements - Construction and testing in relation to the risk of explosion

Specifies requirements for the construction and testing of caplights for use in mines susceptible to firedamp (Group I - electrical apparatus for explosive gas atmospheres as defined in IEC 60079-0). It deals only with the risk of caplight becoming a source of ignition. The requirements of IEC 60079-0 do not apply unless specified. Is also applicable to caplights intended for use in mines which have become temporarily endangered by an explosive atmosphere of firedamp.

29.260.99

Muud eritingimustes töötavad elektriseadmed

Other electrical equipment for working in special conditions

KAVANDITE ARVAMUSKÜSITLUS

prEVS 34563

Tähtaeg: 2003-01-01

Identne IEC 61057:1991

ja identne EN 61057:1993

Aerial devices with insulating boom used for live working exceeding 1 kV a.c.

This standard is applicable to aerial devices (mobile elevating work platforms (MEWP)), with or without the possibility of an additional jib, as a minimum with an insulating upper boom (extending structure), used for live working on the nominal voltage, which is between 1 kV r.m.s. and 800 kV r.m.s., at power frequency.

prEVS 54929

Tähtaeg: 2003-01-01

Identne IEC 61478:2001

ja identne EN 61478:2001

Live working -Ladders of insulating material

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

31.020

Elektroonikaseadiste üldküsimumused

Electronic components in general

KAVANDITE ARVAMUSKÜSITLUS

prEVS 27491

Tähtaeg: 2003-01-01

Identne IEC 60286-1:1997

ja identne EN 60286-1:1998

Packaging of components for automatic handling - Part 1: Tape packaging of components with axial leads on continuous tapes

This standard applies to the tape packaging of components with axial leads for use in electronic equipment. In general, the tape is applied to the component leads. It covers requirements for taping techniques used with equipment for the performing of leads, automatic handling, insertion and other operations, and includes only those dimensions which are essential to the taping of components intended for the above-mentioned purposes.

prEVS 27497

Tähtaeg: 2003-01-01

Identne IEC 60286-2:1997

ja identne EN 60286-2:1998

Packaging of components for automatic handling - Part 2: Tape packaging of components with unidirectional leads on continuous tapes

This standard applies to the tape packaging of components with two or more unidirectional leads for use in electronic equipment. In general, the tape is applied to the component leads. It covers requirements for taping techniques used with equipment for automatic handling, performing of leads, insertion and other operations and includes only those dimensions which are essential to the taping of components intended for the above-mentioned purposes.

prEVS 27498

Tähtaeg: 2003-01-01

Identne IEC 60286-3:1997

ja identne EN 60286-3:1998

Packaging of components for automatic handling. Part 3: Packaging of surface mount components on continuous tapes

This Standard is applicable to the tape packaging of electronic components without leads or with lead stumps which are intended to be connected to electronic circuits. Includes only those dimensions which are essential for the taping of components intended for the above-mentioned purposes.

prEVS 27499

Tähtaeg: 2003-01-01

Identne IEC 60286-4:1997

ja identne EN 60286-4:1998

Packaging of components for automatic handling - Part 4: Stick magazines for electronic components encapsulated in packages of form E and G

Stick magazines (including endstoppers) are intended to be used for storage of electronic components, for transport from the manufacturer to the customer and for in-house use in the manufacturing plant. They are also used to feed automatic placement machines for surface mounting as well as for through hole mounting of electronic components. Revision of IEC 286-4:1991.

prEVS 30570

Tähtaeg: 2003-01-01

Identne IEC 60286-5:1995

ja identne EN 60286-5:1997

Packaging of components for automatic handling - Part 5: Matrix trays

The matrix trays are designed to facilitate the transport and handling of electronic components during their resting, baking, transport/storage, and final mounting by automatic placement equipment. This standard describes the common dimension, tolerances and characteristics of the tray. It includes only those dimensions which are essential for the handling of the trays for the stated purpose and for placing or removing components from the trays.

prEVS 33364

Tähtaeg: 2003-01-01

Identne IEC 60286-6:1998

ja identne EN 60286-6:1998

Packaging of components for automatic handling - Part 6: Bulk case packaging for surface mounting components

This standard is applicable to bulk case packaging capable of containing surface mount components. The bulk case is designed for transport and store components and to supply them directly or by an appropriate feeder to the placement machine. The bulk case is attached to the automatic handling machine by means of a coupling interface. NOTE - For size limitations of components, see annex A, tables A.1, A.2 and A.3.

31.040.01

Takistid üldiselt

Resistors in general

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54696

Tähtaeg: 2003-01-01

Identne IEC 60301:1971+A1:1972

ja identne HD 349 S1:1977

Preferred diameters of wire terminations of capacitors and resistors

Presents preferred diameters in tabular form in the metric and inch-pound unit sizes.

31.040.30

Termistorid

Thermistors

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54807

Tähtaeg: 2003-01-01

Identne IEC 60539-1:2002

ja identne EN 60539-1:2002

Directly heated negative temperature coefficient thermistors - Part 1: Generic specification

Applicable to directly heated negative temperature coefficient thermistors, typically made from transition metal oxide materials with semiconducting properties.

31.060.01

Kondensaatorid üldiselt

Capacitors in general

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54696

Tähtaeg: 2003-01-01

Identne IEC 60301:1971+A1:1972

ja identne HD 349 S1:1977

Preferred diameters of wire terminations of capacitors and resistors

Presents preferred diameters in tabular form in the metric and inch-pound unit sizes.

31.060.40**Elektrolüütilised
tantaalkondensaatorid**

Tantalum electrolytic
capacitors

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 29197

Tähtaeg: 2003-01-01

Identne EN 130801:2002

**Blank Detail Specification:
Tantalum surface mounting
capacitors**

The first page of the detail specification should have the layout recommended on page 4 of this blank detail specification. The numbers in square brackets correspond to the following information which shall be inserted at the position indicated

31.060.50**Elektrolüütilised
alumiiniumkondensaatori
d**

Aluminium electrolytic
capacitors

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 29330

Tähtaeg: 2003-01-01

Identne EN 130301:2002

**Blank Detail Specification:
Aluminium electrolytic
capacitors with non-solid
electrolyte**

The first page of the detail specification should have the layout recommended on page 4 of this blank detail specification. The numbers in square brackets correspond to the following information which shall be inserted at the position indicated

31.080.01**Pooljuhtseadised üldiselt**

Semiconductor devices in
general

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 54857

Tähtaeg: 2003-01-01

Identne IEC 60191-6-2:2001

ja identne EN 60191-6-2:2002

**Mechanical standardization of
semiconductor devices - Part 6-
2: General rules for the
preparation of outline drawings
of surface mounted
semiconductor device packages
-Design guide for 1,50 mm, 1,27
mm and 1,00 mm pitch ball and
column terminal packages**

Covers the requirements for the preparation of drawings of integrated circuit outlines for the various ball and column terminal packages.

prEVS 54948

Tähtaeg: 2003-01-01

Identne IEC 60191-6-5:2001

ja identne EN 60191-6-5:2001

**Mechanical standardization of
semiconductor devices - Part 6-
5: General rules for the
preparation of outline drawings
of surface mounted
semiconductor device packages
- Design guide for fine-pitch
ball grid array (FBGA)**

Provides common outline drawings and dimensions for all types of structures and composed materials of fine-pitch ball grid array the terminal pitch of which is less than or equal to 0,80 mm.

prEVS 54949

Tähtaeg: 2003-01-01

Identne IEC 60191-6-8:2001

ja identne EN 60191-6-8:2001

**Mechanical standardization of
semiconductor devices - Part 6-
8: General rules for the
preparation of outline drawings
of surface mounted
semiconductor device packages
- Design guide for glass sealed
ceramic quad flatpack (G-QFP)**

Provides the common outline drawings and dimensions for all types of structures and composed material of glass sealed ceramic quad flatpack.

31.080.10**Dioodid**

Diodes

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 54865

Tähtaeg: 2003-01-01

Identne IEC 61643-321:2001

ja identne EN 61643-321:2002

**Components for low-voltage
surge protective devices - Part
321: Specifications for avalanche
breakdown diode (ABD)**

Is applicable to avalanche breakdown diodes (ABDs) which represent one type of surge protective device component (hereinafter referred to as SPDC) used in the design and construction of surge protective devices connected to low-voltage power distribution systems, transmission, and signalling networks. Test specifications in this standard are for single ABDs consisting of two terminals. However, multiple ABDs may be assembled within a single package defined as a diode array. Each diode within the array can be tested to this specification. This standard contains a series of test criteria for determining the electrical characteristics of the ABD. From the standard test methods described herein, the performance characteristics and ratings of the ABD can be verified or established for specific packaged designs.

prEVS 54926

Tähtaeg: 2003-01-01

Identne IEC 61643-341:2001

ja identne EN 61643-341:2001

**Components for low-voltage
surge protective devices - Part
341: Specification for thyristor
surge suppressors (TSS)**

Is a test specification standard for thyristor surge suppressor (TSS) components designed to limit overvoltages and divert surge currents by clipping and crowbar actions. Such components are used in the construction of surge protective devices, particularly as they apply to telecommunications. This standard contains information on - terms, letter symbols, and definitions -basic functions, configurations and component structure -service conditions and fault modes -rating verification and characteristic measurement.

31.080.99**Muud pooljuhtseadised**

Other semiconductor devices

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 54849

Tähtaeg: 2003-01-01

Identne IEC 60747-16-1:2001

ja identne EN 60747-16-1:2002

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

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

31.100

Elektronlambid

Electronic tubes

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 39917

Tähtaeg: 2003-01-01

Identne IEC 61965:2000

ja identne EN 61965:2001

Mechanical Safety of Cathode Ray Tubes

This standard applies to cathode ray tubes and cathode ray tube assemblies which are intended for use as components in apparatus and which have integral protection with respect to the effects of implosion.

prEVS 54584

Tähtaeg: 2003-01-01

Identne IEC 60067:1996+

67A,B,C,D,E:1986

ja identne HD 146 S4:1988

Dimensions of electronic tubes and valves

Gives dimensions and tolerances for electronic tube and valve bases, holders and caps, together with the relevant gauges and gauging procedure, to ensure interchangeability. Also includes recommended practice for the preparation of drawings of electronic tubes and valves. This is a loose-leaf publication and supplements, containing new or revised sheets, are issued from time to time.

prEVS 54693

Tähtaeg: 2003-01-01

Identne IEC 60135:1961

ja identne HD 145 S1:1977

Numbering of electrodes and designation of units in electronic tubes and valves

Applies to multi-electrode tubes, with the exception of cathode-ray tubes. Describes the system used for numbering the electrodes of the same type multi-electrode tubes and for assigning designations to the units of multiple-unit tubes.

prEVS 54694

Tähtaeg: 2003-01-01

Identne IEC 60100:1962+A1:1969

ja identne HD 148 S2:1977

Methods for the measurement of direct interelectrode capacitances of electronic tubes and valves

Applies to the measurement of the direct interelectrode capacitances of electronic tubes of the following types: receiving tubes, cathode-ray tubes, gas tube and gas-filled valves, phototubes, photocells and multiplier types, high-power vacuum tubes.

prEVS 54925

Tähtaeg: 2003-01-01

Identne IEC 61643-311:2001

ja identne EN 61643-311:2001

Components for low-voltage surge protective devices - Part 311: Specification for gas discharge tubes (GDT)

Gas discharge tubes (GDTs) are used for applications up to 1 000 V a.c. or 1 500 V d.c. in

communication or signalling circuits. They are defined as a gap, or series of gaps, in an enclosed discharge medium other than air.

They are designed to protect apparatus or personnel, or both, from high transient voltages. This standard does not specify requirements applicable to complete surge protective devices, nor does it specify total requirements for GDTs employed within electronic devices, where precise coordination between GDT performance and surge protective device withstand capability is highly critical.

31.140

Piesoelektrilised seadised

Piezoelectric and dielectric devices

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54794

Tähtaeg: 2003-01-01

Identne EN 50324-1:2002

Piezoelectric properties of ceramic materials and components - Part 1: Terms and definitions

This European Standard relates to piezoelectric transducer ceramics for application both as transmitters and receivers in electroacoustics and ultrasonics over a wide frequency range. They are used for generation and transmission of acoustic signals, for achievement of ultrasonic effects, for transmission of signals in

communication electronics, for sensors and actuators and for generation of high voltages in ignition devices.

prEVS 54796

Tähtaeg: 2003-01-01

Identne EN 50324-2:2002

Piezoelectric properties of ceramic materials and components - Part 2: Methods of measurement - Low power

The methods of measurement described in this European Standard are for use with piezoelectric components produced from the ceramic materials described in EN 50324-1 Terms and definitions. Methods of measurement for specific dielectric, piezoelectric and elastic coefficients are generally applicable to piezoelectric ceramics.

prEVS 54798

Tähtaeg: 2003-01-01

Identne EN 50324-3:2002

Piezoelectric properties of ceramic materials and components - Part 3: Methods of measurement - High power

This European Standard relates to piezoelectric transducer ceramics for power application over a wide frequency range both as electromechanical or mechanoelectrical converters.

prEVS 54943

Tähtaeg: 2003-01-01

Identne IEC 60122-3:2001

ja identne EN 60122-3:2001

Quartz crystal units of assessed quality - Part 3: Standard outlines and lead connections

Specifies the outline dimensions and lead connections of quartz crystal units with lead enclosures.

prEVS 54946

Tähtaeg: 2003-01-01

Identne IEC 60368-3:2001

ja identne EN 60368-3:2001

Piezoelectric filters of assessed quality - Part 3: Standard outlines and lead connections

Specifies the outline dimensions and lead connections for piezoelectric filters with leaded enclosures.

prEVS 54947

Tähtaeg: 2003-01-01

Identne IEC 60679-3:2001

ja identne EN 60679-3:2001

Quartz crystal controlled oscillators of assessed quality - Part 3: Standard outlines and lead connections

Specifies the outline dimensions and lead connections for quartz crystal controlled oscillators with lead enclosures.

31.180

Trükkülitused ja -plaadid

Printed circuits and boards

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 35817

Tähtaeg: 2003-01-01

Identne IEC 61249-2-19:2001

ja identne EN 61249-2-19:2002

Materials for printed boards and other interconnecting structures - Part 2-19: Reinforced base materials, clad and unclad Epoxide cross-plyed linear fibreglass-reinforced laminated sheets of defined flammability (vertical burning test) copper clad

This specification gives requirements for properties of epoxide coherent linear fibreglass copper-clad laminated sheet, of defined flammability, in thicknesses of 0,077mm to 0,40mm.

prEVS 54811

Tähtaeg: 2003-01-01

Identne IEC 61249-2-18:2002

ja identne EN 61249-2-18:2002

Materials for printed boards and other interconnecting structures - Part 2-18: Reinforced base materials, clad and unclad - Polyester non-woven fibreglass reinforced laminated sheet of defined flammability (vertical burning test), copper-clad

Gives requirements for properties of polyester non-woven E-glass reinforced copper-clad laminated sheet, of defined flammability, in thicknesses of 0,80 mm to 1,60 mm.

prEVS 54812

Tähtaeg: 2003-01-01

Identne IEC 61249-2-4:2001

ja identne EN 61249-2-4:2002

Materials for printed boards and other interconnecting structures - Part 2-4: Reinforced base materials, clad and unclad Polyester non-woven/woven fibreglass laminated sheet of defined flammability (vertical burning test), copper-clad

Gives requirements for properties of polyester woven fibreglass reinforced surface / non-woven fibreglass reinforced core copper-clad laminated sheet, of defined flammability, in thicknesses of 0,80 mm to 1,60 mm.

31.190

Elektroonikakomponentid e koosted

Electronic component assemblies

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 33800

Tähtaeg: 2003-01-01

Identne IEC 61193-1:2001

ja identne EN 61193-1:2002

Quality assessment systems - Part 1: Registration and analysis of defects on printed board assemblies

This standard is a general guidance document for users of the IECQ system of quality assessment as it applies to printed board materials, printed boards and printed board assemblies. This document is intended to give a brief overview of the concepts used by the authors of these IECQ product specifications. It is not intended that this document should contain all the information required to understand or operate the system.

31.220.10

Pistikseadised. Liitmikud

Plug-and-socket devices. Connectors

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 21868

Tähtaeg: 2003-01-01

Identne IEC 60268-

12:1987+A1:1991+A2:1994

ja identne EN 60268-

12:1995+A2:1995

Sound system equipment - Part 12: Application of connectors for broadcast and similar use

This standard applies to circular and concentric connectors to be used for the interconnection of sound system components for broadcast and similar use and gives the applications and also the contact arrangement and contact designation for these connectors.

prEVS 27738

Tähtaeg: 2003-01-01

Identne IEC 61076-3-101:1997

ja identne EN 61076-3-101:1997

Connectors with assessed quality, for use in d.c. low-frequency analogue and in digital high-speed data applications - Part 3:

Rectangular connectors - Section 101: Detail specification for a range of shielded connectors with trapezoidal shaped shells and non-removable rectangular contacts on a 1,27 x 2,54 mm centre-line
A complete connector which can have the fixed connector mounted on a printed board and/or panel-mounted. The fixed connector can have male or female contacts and be soldered or press-in terminated to the printed board.

prEVS 33506

Tähtaeg: 2003-01-01

Identne IEC 61076-3-100:1999

ja identne EN 61076-3-100:2000

Connectors for use in d.c., low-frequency analogue and digital high speed data applications - Part 3-100: Rectangular connectors with assessed quality - Detail specification for a range of shielded connectors with trapezoidal-shaped shells and non-removable ribbon contacts on a 1, 27 mm double row

This International Standard applies a range of shielded two parts connectors with trapezoidal shaped shells and non-removable ribbon contacts on 1,27 mm double rows. The fixed connectors are provided with post either for dip solder (Type A,B,C,D) or non-accessible insulation displacement terminations (Type E). The free connectors are provided with non-accessible insulation displacement terminations.

prEVS 53705

Tähtaeg: 2003-01-01

Identne IEC 61076-3:1999

ja identne EN 61076-3:2000

Connectors for use in d.c., low-frequency analogue and digital high-speed data applications - Part 3: Rectangular connectors with assessed quality - Sectional specification

This part of IEC 61076 establishes uniform specifications, type testing requirements and quality assessment procedures for a subfamily of rectangular connectors. IT should be used in conjunction with the generic specification IEC 61076-1 and with relevant detail specifications.

prEVS 54574

Tähtaeg: 2003-01-01

Identne IEC 61076-3-001:1999

ja identne EN 61076-3 001:2000

Connectors for use in d.c., low-frequency analogue, and digital high-speed data applications - Part 3-001: Rectangular connectors with assessed quality - Blank detail specification

This blank detail specification is a supplementary document to the sectional specification IEC 61076-3 and contains requirements for style, lay-out and minimum content of detail specifications. It is to be used in conjunction with the following publications: IEC 61076-1 and IEC 61076-3.

prEVS 54799

Tähtaeg: 2003-01-01

Identne IEC 60512-25-2:2002

ja identne EN 60512-25-2:2002

Connectors for electronic equipment -Tests and measurements - Part 25-2: Test 25b: Attenuation (insertion loss)

Describes a frequency and a time domain method to measure attenuation/insertion loss as a function of frequency. Is applicable to electrical connectors, sockets, cable assemblies or interconnection systems.

prEVS 54851

Tähtaeg: 2003-01-01

Identne IEC 61076-4-110:2001

ja identne EN 61076-4-110:2002

Connectors for electronic equipment - Part 4-110: Printed board connectors with assessed quality - Detail specification for latched cable connector system having a basic grid of 2,0 mm including full shielding and latching function

This publication also bears the number QC 480301XX0011 which is the specification number in the IEC Quality Assessment System for Electronic Components (IECQ).

prEVS 54955

Tähtaeg: 2003-01-01

Identne IEC 60512-25-1:2001

ja identne EN 60512-25-1:2001

Connectors for electronic equipment -Tests and measurements - Part 25-1: Test 25a - Crosstalk ratio

Describes test procedures for measuring the magnitude of the electric and magnetic coupling between driven and quiet lines of an interconnect assembly. Both time domain and frequency domain methods for single-ended and differential transmission are described.

prEVS 54969

Tähtaeg: 2003-01-01

Identne IEC 60512-1-1:2002

ja identne EN 60512-1-1:2002

Connectors for electronic equipment Tests and measurements - Part 1-1: General examination Test 1a: Visual examination

Defines a standard test method for the visual examination of electromechanical components (essentially connectors). The visual examination checks the identification, appearance, workmanship and finish of an item against the relevant specification.

prEVS 54974

Tähtaeg: 2003-01-01

Identne IEC 60512-1-2:2002

ja identne EN 60512-1-2:2002

Connectors for electronic equipment Tests and measurements - Part 1-2: General examination Test 1b: Examination of dimension and mass

Defines a standard test method for the examination of dimension and mass of electromechanical components (essentially connectors). The measurements are made on the actual parts with the aid of suitable measuring tools and measuring equipment in compliance with the relevant specification.

prEVS 54976

Tähtaeg: 2003-01-01

Identne IEC 60512-2-1:2002

ja identne EN 60512-2-1:2002

Connectors for electronic equipment Tests and measurements - Part 2-1: Electrical continuity and contact resistance tests Test 2a: Contact resistance Millivolt level method

Defines a standard test method to measure the electrical resistance across a pair of mated contacts or a contact with a measuring gauge. Measurements may be carried out with direct current or alternating current.

prEVS 54977

Tähtaeg: 2003-01-01

Identne IEC 60512-2-3:2002

ja identne EN 60512-2-3:2002

Connectors for electronic equipment Tests and measurements - Part 2-3: Electrical continuity and contact resistance tests Test 2c: Contact resistance variation

Defines a standard test method to determine the variation of contact resistance of electromechanical components (essentially connectors) under specified dynamic conditions.

prEVS 54978

Tähtaeg: 2003-01-01

Identne IEC 60512-2-6:2002

ja identne EN 60512-2-6:2002

Connectors for electronic equipment -Tests and measurements - Part 2-6: Electrical continuity and contact resistance tests -Test 2f: Housing (shell) electrical continuity

Defines a standard test method for measuring the resistance between component housings (shells) which are intended to provide electrical continuity when mated.

prEVS 54979

Tähtaeg: 2003-01-01

Identne IEC 60512-3-1:2002

ja identne EN 60512-3-1:2002

Connectors for electronic equipment Tests and measurements - Part 3-1: Insulation tests Test 3a: Insulation resistance

Defines a standard test method to assess the insulation resistance of electromechanical components (essentially connectors).

prEVS 55019

Tähtaeg: 2003-01-01

Identne IEC 60512-11-10:2002

ja identne EN 60512-11-10:2002

Connectors for electronic equipment -Tests and measurements - Part 11-10: Climatic tests -Test 11j: Cold
Defines a standard test method to assess the ability of components (essentially connectors) to be stored and/or to function in a specified manner under specified conditions of cold.

prEVS 55020

Tähtaeg: 2003-01-01

Identne IEC 60512-11-11:2002
ja identne EN 60512-11-11:2002

Connectors for electronic equipment - Tests and measurements - Part 11-11: Climatic tests - Test 11k: Low air pressure

Defines a standard test method to assess the ability of components (essentially connectors) to be stored and/or to function in a specified manner under specified conditions of low air pressure, for example high altitude.

prEVS 55021

Tähtaeg: 2003-01-01

Identne IEC 60512-11-12:2002
ja identne EN 60512-11-12:2002

Connectors for electronic equipment - Tests and measurements - Part 11-12: Climatic tests - Test 11m: Damp heat, cyclic

Defines a standard test method to assess the ability of components (essentially connectors) to be stored and/or to function under conditions of high relative humidity and to observe the effects of such high humidity when combined with important temperature changes.

prEVS 55022

Tähtaeg: 2003-01-01

Identne IEC 60512-11-13:2002
ja identne EN 60512-11-13:2002

Connectors for electronic equipment - Tests and measurement - Part 11-13: Climatic tests - Test 11n: Gas tightness, solderless wrapped connections

Defines a standard test method to verify that gas-tight areas have been formed between wrapped wire and the post of a wrapped connection.

prEVS 55023

Tähtaeg: 2003-01-01

Identne IEC 60512-11-2:2002
ja identne EN 60512-11-2:2002

Connectors for electronic equipment - Tests and measurements - Part 11-2: Climatic tests - Test 11b: Combined/sequential cold, low air pressure and damp heat

Defines a standard test method to assess the ability of components (essentially connectors) to function in a specified manner, during and after subjection to the conditions which prevail in an aircraft during ascent and descent, but which are particularly severe in unheated and/or unpressurized zones.

prEVS 55024

Tähtaeg: 2003-01-01

Identne IEC 60512-11-3:2002
ja identne EN 60512-11-3:2002

Connectors for electronic equipment - Tests and measurements - Part 11-3: Climatic tests - Test 11c: Damp heat, steady state

Defines a standard test method to assess the ability of components (essentially connectors) to be stored and/or to function in a specified manner under conditions of high relative humidity.

prEVS 55025

Tähtaeg: 2003-01-01

Identne IEC 60512-11-4:2002
ja identne EN 60512-11-4:2002

Connectors for electronic equipment - Tests and measurements - Part 11-4: Climatic tests - Test 11d: Rapid change of temperature

Defines a standard test method to assess the ability of components (essentially connectors) to withstand rapid change of temperature in air such as might occur during storage, transportation and use.

31.240

Elektronseadmete mehaanilised osad

Mechanical structures for electronic equipment

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54631

Tähtaeg: 2003-01-01

Identne IEC 60620:1984

ja identne HD 391 S3:1988

Dimensions for the mounting of single-hole, bush-mounted, spindle-operated electronic components

Specifies mounting dimensions for spindle-operated, single-hole, bush-mounted components including switches, potentiometers and variable capacitors, primarily intended for use in equipment for telecommunications and in electronic devices employing similar techniques.

prEVS 54699

Tähtaeg: 2003-01-01

Identne IEC 60390:1972+A1:1976
ja identne HD 363 S1:1977

Dimensions of spindle ends for manually operated electronic components

Applies to spindles for the manual operation of components including switches, potentiometers and variable capacitors, primarily intended for use in equipment for telecommunication and in electronic devices employing similar techniques.

prEVS 54727

Tähtaeg: 2003-01-01

Identne IEC 60297-1:1986

ja identne HD 493.1 S1:1988

Dimensions of mechanical structures of the 482.6 mm (19 in) series; Part 1: Panels and racks

Applies to panels and racks for all applications which are based on 482.6 mm (19 in) practice.

prEVS 54728

Tähtaeg: 2003-01-01

Identne IEC 60297-2:1982

ja identne HD 493.2 S1:1988

Dimensions of mechanical structures of the 482.6 mm (19 in) series; Part 2: Cabinets and pitches of rack structures

Covers the basic dimensions of free-standing cabinets and fixed rack structures used in 482.6 mm (19 in) rack and panel electronic equipment practice.

33.040

Sidesüsteemid

Telecommunication systems

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54895

Tähtaeg: 2003-02-01

Identne EN 301 124 V1.2.1:2001

Fixed Radio Systems; Point-to-multipoint equipment; Direct Sequence Code Division Multiple Access (DS-CDMA) point-to-multipoint digital radio systems in frequency bands in the range 3 GHz to 11 GHz

prEVS 54897
Tähtaeg: 2003-02-01
Identne EN 301 213-2 V1.3.1:2001
Fixed Radio Systems; Point-to-multipoint equipment; Point-to-multipoint digital radio systems in frequency bands in the range 24,25 GHz to 29,5 GHz using different access methods; Part 2: Frequency Division Multiple Access (FDMA) methods
prEVS 54983
Tähtaeg: 2003-02-01
Identne EN 300 147 V1.4.1:2001
Transmission and Multiplexing (TM); Synchronous Digital Hierarchy (SDH); Multiplexing structure
prEVS 54984
Tähtaeg: 2003-02-01
Identne EN 300 166 V1.2.1:2001
Transmission and Multiplexing (TM); Physical and electrical characteristics of hierarchical digital interfaces for equipment using the 2 048 kbit/s - based plesiochronous or synchronous digital hierarchies
prEVS 54985
Tähtaeg: 2003-02-01
Identne EN 300 167 V1.2.1:2001
Transmission and Multiplexing (TM); Functional characteristics of 2 048 kbit/s interfaces
prEVS 55002
Tähtaeg: 2003-02-01
Identne EN 300 417-1-1 V1.2.1:2001
Transmission and Multiplexing (TM); Generic requirements of transport functionality of equipment; Part 1-1: Generic processes and performance
prEVS 55003
Tähtaeg: 2003-02-01
Identne EN 300 417-2-1 V1.2.1:2001
Transmission and Multiplexing (TM); Generic requirements of transport functionality of equipment; Part 2-1: Synchronous Digital Hierarchy (SDH) and Plesiochronous Digital Hierarchy (PDH) physical section layer functions
prEVS 55004
Tähtaeg: 2003-02-01
Identne EN 300 417-3-1 V1.2.1:2001

Transmission and Multiplexing (TM); Generic requirements of transport functionality of equipment; Part 3-1: Synchronous Transport Module-N (STM-N) regenerator and multiplex section layer functions
prEVS 55005
Tähtaeg: 2003-02-01
Identne EN 300 417-4-1 V1.2.1:2001
Transmission and Multiplexing (TM); Generic requirements of transport functionality of equipment; Part 4-1: Synchronous Digital Hierarchy (SDH) path layer functions
prEVS 55006
Tähtaeg: 2003-02-01
Identne EN 300 417-5-1 V1.2.1:2001
Transmission and Multiplexing (TM); Generic requirements of transport functionality of equipment; Part 5-1: Plesiochronous Digital Hierarchy (PDH) path layer functions
prEVS 55007
Tähtaeg: 2003-02-01
Identne EN 300 417-9-1 V1.1.1:2001
Transmission and Multiplexing (TM); Generic requirements of transport functionality of equipment; Part 9: Synchronous Digital Hierarchy (SDH) concatenated path layer functions; Sub-part 1: Requirements

33.040.40 Andmesidevõrgud

Data communication networks

KAVANDITE ARVAMUSKÜSITLUS

prEVS 35368
Tähtaeg: 2003-01-01
Identne IEC 61603-6:2001
ja identne EN 61603-6:2002
Transmission of audio and/or video and related signals using infra-red radiation - Part 6: Video and audio-visual signals
Part 1 gives the general requirements for equipment using infra-red radiation as the carrier of information. This part contains details for analogue video transmission systems which are not covered by part 1 nor by other standards. It describes systems

with different economic uses of the available bandwidth in order to obtain minimum interference and maximum compatibility.

33.040.50 Liinid, ühendused, vooluahelad

Lines, connections and circuits

KAVANDITE ARVAMUSKÜSITLUS

prEVS 27997
Tähtaeg: 2003-01-01
Identne HD 609 S1:1995
Sectional specification for equipment cables to be used for digital and analogue communication
Sectional specification for equipment cables to be used for digital and analogue communication

33.040.99 Muud sideseadmed

Other equipment for telecommunication systems

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54925
Tähtaeg: 2003-01-01
Identne IEC 61643-311:2001
ja identne EN 61643-311:2001
Components for low-voltage surge protective devices - Part 311: Specification for gas discharge tubes (GDT)
Gas discharge tubes (GDTs) are used for applications up to 1 000 V a.c. or 1 500 V d.c. in communication or signalling circuits. They are defined as a gap, or series of gaps, in an enclosed discharge medium other than air. They are designed to protect apparatus or personnel, or both, from high transient voltages. This standard does not specify requirements applicable to complete surge protective devices, nor does it specify total requirements for GDTs employed within electronic devices, where precise coordination between GDT performance and surge protective device withstand capability is highly critical.

33.060

Raadioside

Radiocommunications

UUED STANDARDID

EVS-EN 301 751 V1.2.1:2002

Hind 170,00

Identne EN 301 751 V1.2.1:2000

Fixed Radio Systems; Point-to-Point equipments and antennas; Generic harmonised standard for Point-to-Point digital fixed radio systems and antennas covering the essential requirements under article 3.2 of the 1999/05/EC Directive

EVS-EN 301 753 V1.1.1:2002

Hind 190,00

Identne EN 301 753 V1.1.1:2001

Fixed Radio Systems; Point-to-Multipoint equipments and antennas; Generic harmonised standard for Point-to-Multipoint digital fixed radio systems and antennas covering the essential requirements under article 3.2 of the 1999/05/EC Directive

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 24980

Tähtaeg: 2003-02-01

Identne ETS 300 487 ed.1:1996 + A1:1997

Satellite Earth Stations and Systems (SES) - Receive-Only Mobile Earth Stations (ROMES) operating in the 1,5 GHz band providing data communications - Radio Frequency (RF) specifications

This European

Telecommunication Standard (ETS) provides Radio Frequency (RF) specifications above 30 MHz for the standardization of Receive-Only Mobile Earth Stations (ROMESs). This ETS does not cover Electro-Magnetic Compatibility (EMC) or safety specifications for such equipment. The satellite systems referred to in this ETS operate under the Land Mobile Satellite Service (LMSS). The ROMESs operate as part of a satellite system providing one-way data communications.

prEVS 29558

Tähtaeg: 2003-02-01

Identne ETS 300 741 ed. 1:1998

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for wide-area paging equipment

This European

Telecommunication Standard (ETS) covers the assessment of wide-area paging equipment and ancillary equipment, in respect of ElectroMagnetic Compatibility (EMC). Technical specifications related to the antenna port and emissions from the enclosure port of the wide-area paging equipment are not included in this ETS.

prEVS 30270

Tähtaeg: 2003-02-01

Identne ETS 300 719-1 ed.1:1997

Radio Equipment and Systems (RES) - Private wide area paging service - Part 1: Technical characteristics for private wide-area paging systems

This European

Telecommunication Standard (ETS) specifies the minimum performance characteristics and related methods of measurement for Private Wide-Area Paging (PWAP) systems operating on frequencies up to 470 MHz. The types of equipment covered by this ETS are as follows: - base station transmitters; - base station receivers; - base station transceivers; - pocket receivers. This ETS does not include performance characteristics that may be required by the user or requirements for interfacing equipment.

prEVS 31113

Tähtaeg: 2003-02-01

Identne ETS 300 447 ed. 1:1997

Radio Equipment and Systems (RES); ElectroMagnetic Compatibility (EMC) standard for VHF FM broadcasting transmitters

This European

Telecommunication Standard (ETS) covers the assessment of VHF FM sound transmitters and ancillary equipment in respect of ElectroMagnetic Compatibility (EMC). Technical specifications related to the antenna port are not included in this ETS. Such technical specifications are found in the related product standard for the effective use of the radio spectrum. This ETS specifies the applicable EMC tests, test methods, the limits and the minimum performance criteria for VHF FM sound broadcasting transmitters operating in the frequency range 87,5 MHz to 108 MHz.

prEVS 35136

Tähtaeg: 2003-02-01

Identne ETS 300 385 Ed.

1:1996+A1:1997

Radio Equipment and Systems (RES) - ElectroMagnetic Compatibility (EMC) standard for digital fixed radio links and ancillary equipment with data rates at around 2 Mbit/s and above

This ETS covers the assessment of Digital Fixed Radio Links and ancillary equipment in respect of Electromagnetic Compatibility (EMC). Technical specifications related to the antenna port of the radio equipment are found in the related product standards for the effective use of the radio spectrum.

prEVS 35429

Tähtaeg: 2003-02-01

Identne EN 301011 V.1.1.1:1998

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for Narrow-Band Direct-Printing (NBDP) NAVTEX receivers operating in the maritime mobile service

The present document covers the assessment of radiocommunication and ancillary equipment in respect of Electromagnetic Compatibility (EMC). Technical specifications related to the antenna port are found in the related product standard ETS 300 065 [9] for the effective use of the radio spectrum. The present document specifies the applicable EMC tests, the test methods, the limits and the minimum performance criteria for Narrow-Band Direct-Printing (NBDP) NAVTEX receivers operating in the maritime mobile service and the associated ancillary equipment.

prEVS 54896

Tähtaeg: 2003-02-01

Identne EN 301 213-1 V1.2.1:2002

Fixed Radio Systems; Point-to-multipoint equipment; Point-to-multipoint digital radio systems in frequency bands in the range 24,25 GHz to 29,5 GHz using different access methods; Part 1: Basic parameters

prEVS 54900

Tähtaeg: 2003-02-01

Identne EN 301 213-3 V1.4.1:2002

Fixed Radio Systems; Point-to-multipoint equipment; Point-to-multipoint digital radio systems in frequency bands in the range 24,25 GHz to 29,5 GHz using different access methods; Part 3: Time Division Multiple Access (TDMA) methods
prEVS 54902

Tähtaeg: 2003-02-01

Identne EN 301 213-4 V1.1.1:2001
Fixed Radio Systems; Point-to-multipoint equipment; Point-to-multipoint digital radio systems in frequency bands in the range 24,25 GHz to 29,5 GHz using different access methods; Part 4: Direct Sequence Code Division Multiple Access
prEVS 54919

Tähtaeg: 2003-02-01

Identne EN 300 454-1 V1.1.1:2000
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wide band audio links; Part 1: Technical characteristics and test methods
prEVS 54991

Tähtaeg: 2003-02-01

Identne EN 300 234 V1.3.2:2001
High capacity digital radio systems carrying 1 x STM-1 signals and operating in frequency bands with about 30 MHz channel spacing and alternated arrangements
prEVS 55015

Tähtaeg: 2003-02-01

Identne EN 301 127 V1.2.1:2001
Fixed Radio Systems; Point-to-point equipment; High capacity digital radio systems carrying SDH signals (up to 2 x STM-1) in frequency bands with about 30 MHz channel spacing and using Co-polar arrangements or Co-Channel Dual Polarized (CCDP) operation

33.060.20

Vastuvõtu- ja saateseadmed

Receiving and transmitting equipment

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 39039

Tähtaeg: 2003-01-01

Identne IEC 62106:2000

ja identne EN 62106:2001

Specification of the radio data system (RDS) for VHF/FM sound broadcasting in the frequency range from 87,5 to 108,0 MHz.

The Radio Data System (RDS) is intended for application to VHF/FM sound broadcasts in the range 87.5 MHz to 108.0 MHz which may carry either stereophonic (pilot-tone system) or monophonic programmes. The main objectives of RDS are to enable improved functionality for FM receivers and to make them more user-friendly by using features such as Programme Identification, Programme Service name display and where applicable, automatic tuning for portable and car radios, in particular.

33.060.30

Raadioreleeliinid ja stantsionaarsed satelliitsidesüsteemid

Radio relay and fixed satellite communications systems

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 54669

Tähtaeg: 2003-01-01

Identne IEC 60510-1-2:1984

ja identne HD 467.1.2 S1:1986

Methods of measurement for radio equipment used in satellite earth stations; Part 1: Measurements common to sub-systems and combinations of sub-systems; Section 2: Measurements in the r.f. range

Deals with measurements normally made at radio frequencies for transmitting and receiving equipment used in earth stations for communication through orbiting satellites.

prEVS 54673

Tähtaeg: 2003-01-01

Identne IEC 60487-1:1984

ja identne HD 477.1 S1:1987

Methods of measurement for equipment used in terrestrial radio-relay systems; Part 1: Measurements common to sub-systems and simulated radio-relay systems

Gives standard conditions of measurement and methods of measuring the characteristics common to sub-systems of terrestrial line-of-sight radio-relay systems and to simulated radio-relay systems using frequency modulation. The tests described are limited to analogue transmission systems. Standardizes the conditions and methods of measurement to be used to ascertain the performance of terrestrial radio-relay systems and of the equipment used in such systems, and facilitates the comparison of the results of measurements made by different observers. Contains details of selected methods of making measurements to enable the assessment of the essential properties of a terrestrial radio-relay system and of the equipment used in such systems.

prEVS 54705

Tähtaeg: 2003-01-01

Identne IEC 60487-2-1:1981

ja identne HD 477.2.1 S1:1987

Methods of measurement for equipment used in terrestrial radio-relay systems; Part 2: Measurements for sub-systems; Section 1: General

Defines measurement methods for assessing the electrical characteristics of sub-systems in order to facilitate the comparison of results of measurements made by different observers. The methods described are intended for 'type' and 'acceptance' tests and they may also be used for factory tests.

prEVS 54706

Tähtaeg: 2003-01-01

Identne IEC 60487-2-2:1981

ja identne HD 477.2.2 S1:1987

Methods of measurement for equipment used in terrestrial radio-relay systems; Part 2: Measurements for sub-systems; Section 2: Stand-by channel switching equipment

Deals with measurements for sub-systems used for stand-by channel switching. Gives methods of measurement for the transmission characteristics of sub-systems inserted in the transmission chain.

prEVS 54707

Tähtaeg: 2003-01-01

Identne IEC 60487-2-4:1984

ja identne HD 477.2.4 S1:1987

Methods of measurement for equipment used in terrestrial radio-relay systems; Part 2: Measurements for sub-systems; Section 4: Frequency modulators

Gives methods of measurement for the electrical characteristics of frequency modulators, using where possible only measurement involving the basic modulator.

prEVS 54708

Tähtaeg: 2003-01-01

Identne IEC 60487-2-5:1984

ja identne HD 477.2.5 S1:1987

Methods of measurement for equipment used in terrestrial radio-relay systems; Part 2: Measurements for sub-systems; Section 5: Frequency demodulators

Gives methods of measurement for the electrical characteristics of frequency demodulations. Where possible the measurements are limited to the basic demodulator excluding the de-emphasis network and the networks associated with sound sub-carrier signals, pilot signals and auxiliary signals.

prEVS 54710

Tähtaeg: 2003-01-01

Identne IEC 60487-3:1975

ja identne HD 477.3 S1:1988

Methods of measurement for equipment used in terrestrial radio-relay systems; Part 3: Simulated systems

Gives certain definitions and some general observations on simulated systems.

prEVS 54715

Tähtaeg: 2003-01-01

Identne IEC 60487-3-2:1981

ja identne HD 477.3.2 S1:1988

Methods of measurement for equipment used in terrestrial radio-relay systems; Part 3: Simulated systems; Section 2: Measurements in the baseband

Deals with baseband measurements on simulated radio-relay systems which are not directly related to a particular type of signal actually being transmitted. These measurements are carried out typically at the modulator input and the demodulator output points and exclude auxiliary terminal equipment.

prEVS 54716

Tähtaeg: 2003-01-01

Identne IEC 60487-3-3:1981

ja identne HD 477.3.3 S1:1989

Methods of measurement for equipment used in terrestrial radio-relay systems; Part 3: Simulated systems; Section 3: Measurements for monochrome and colour television transmission

Deals with measurements for monochrome and colour television transmission over simulated radio-relay systems. The measurements are additional to those already given in Part 3, Section Two of this publication.

prEVS 54717

Tähtaeg: 2003-01-01

Identne IEC 60487-3-4:1982

ja identne HD 477.3.4 S1:1989

Methods of measurement for equipment used in terrestrial radio-relay systems; Part 3: Simulated systems; Section 4: Measurements for f.d.m. transmission

Deals with baseband-to-baseband measurements of the noise performance of simulated radio-relay systems used for frequency division multiplex telephony. These measurements are additional to those already given in Part 3, Section Three of IEC 60487-3-3.

prEVS 54718

Tähtaeg: 2003-01-01

Identne IEC 60487-3-6:1984

ja identne HD 477.3.6 S1:1988

Methods of measurement for equipment used in terrestrial radio-relay systems; Part 3: Simulated systems; Section 6: Measurements for sound-programme transmission

Deals with methods of measurement for sound-programme analogue channels carried by radio-relay systems. Concerned only with the audio-frequency band and is additional to the measurement described in sections three, four and five of this publication. Sound channels can be derived using analogue or time division multiplex techniques.

33.060.70

Mobilside, DECT

Mobile services, Digital Enhanced Cordless Telecommunications (DECT)

UUED STANDARDID

EVS-EN 301 419-3 V5.0.2:2002

Hind 126,00

Identne EN 301 419-3 V5.0.2:1999
Digital cellular telecommunications system (Phase 2+); Attachment requirements for Global System for Mobile communications (GSM); Advanced Speech Call Items (ASCI); Mobile Stations; Access (GSM 13.68 version 5.0.2 Release 1996)

EVS-EN 301 427 V1.1.1:2002

Hind 190,00

Identne EN 301 427 V1.1.1:2000
Satellite Earth Stations and Systems (SES); Harmonized EN for low data rate Land Mobile satellite Earth Stations (LMES) operating in the 11/12/14 GHz frequency bands covering essential requirements under Article 3.2 of the R&TTE Directive

EVS-EN 301 502 V7.0.1:2002

Hind 101,00

Identne EN 301 502 V7.0.1:2000
Harmonized EN for Global System for Mobile communications (GSM); Base Station and Repeater equipment covering essential requirements under article 3.2 of the R&TTE directive (GSM 13.21 version 7.0.1 Release 1998)

EVS-EN 301 511 V7.0.1:2002

Hind 126,00

Identne EN 301 511 V7.0.1:2000
Global System for Mobile communications (GSM); Harmonized standard for mobile stations in the GSM 900 and DCS 1800 bands covering essential requirements under article 3.2 of the R&TTE directive (1999/5/EC) (GSM 13.11 version 7.0.0 Release 1998)

EVS-EN 303 035-1 V1.1.1:2002

Hind 259,00

Identne EN 303 035-1 V1.1.1:2001
Harmonized EN for TETRA equipment covering essential requirements under article 3.2 of the R&TTE directive; Part 1: Voice plus Data (V+D)

EVS-EN 303 035-2 V1.1.1:2002

Hind 283,00

Identne EN 303 035-2 V1.1.1:2001
Harmonized EN for TETRA equipment covering essential requirements under article 3.2 of the R&TTE directive; Part 2: Direct Mode Operation (DMO)

33.060.99**Muud raadioside seadmed**

Other equipment for radiocommunications

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 54667

Tähtaeg: 2003-01-01

Identne IEC 60489-5:1987

ja identne HD 466.5 S1:1989

Methods of measurement for radio equipment used in the mobile services; Part 5:

Receivers employing single-sideband techniques (R3E, H3E or J3E)

Deals with the definitions, the conditions and the methods of measurement used to ascertain the performance of receivers having audio-frequency bandwidths generally not exceeding 10 kHz for the reception of voice and other types of signals, using single-sideband amplitude modulation. The standard is intended to be used in conjunction with IEC 60489-1.

33.070**Mobiilside**

Mobile services

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 54880

Tähtaeg: 2003-02-01

Identne EN 300 175-2 V1.6.1:2001

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 2: Physical Layer (PHL)

prEVS 54883

Tähtaeg: 2003-02-01

Identne EN 300 175-3 V1.6.1:2002

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 3: Medium Access Control (MAC) layer

prEVS 54884

Tähtaeg: 2003-02-01

Identne EN 300 175-4 V1.6.1:2002

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 4: Data Link Control (DLC) layer

prEVS 54885

Tähtaeg: 2003-02-01

Identne EN 300 175-5 V1.6.1:2002

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 5: Network (NWK) layer

prEVS 54886

Tähtaeg: 2003-02-01

Identne EN 300 175-6 V1.6.1:2002

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 6: Identities and addressing

prEVS 54887

Tähtaeg: 2003-02-01

Identne EN 300 175-7 V1.6.1:2002

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 7: Security features

prEVS 54888

Tähtaeg: 2003-02-01

Identne EN 300 175-8 V1.6.1:2002

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 8: Speech coding and transmission

prEVS 54889

Tähtaeg: 2003-02-01

Identne EN 300 176-1 V1.4.1:2001

Digital Enhanced Cordless Telecommunications (DECT); Approval test specification; Part 1: Radio

prEVS 54890

Tähtaeg: 2003-02-01

Identne EN 300 176-2 V1.4.1:2001

Digital Enhanced Cordless Telecommunications (DECT); Approval test specification; Part 2: Speech

prEVS 54903

Tähtaeg: 2003-02-01

Identne EN 300 394-4-3

V1.1.1:2001

Terrestrial Trunked Radio (TETRA); Conformance testing specification; Part 4: Protocol testing specification for Direct Mode Operation (DMO); Sub-part 3: Test Suite Structure and Test Purposes (TSS&TP) for Mobile Station (MS) Repeater type 1

prEVS 54908

Tähtaeg: 2003-02-01

Identne EN 399 394-4-4

V1.1.1:2001

Terrestrial Trunked Radio (TETRA); Conformance testing specification; Part 4: Protocol testing specification for Direct Mode Operation (DMO); Sub-part 4: Test Suite Structure and Test Purposes (TSS&TP) for Direct Mode Repeater

prEVS 54909

Tähtaeg: 2003-02-01

Identne EN 300 394-4-5

V1.1.1:2001

Terrestrial Trunked Radio (TETRA); Conformance testing specification; Part 4: Protocol testing specification for Direct Mode Operation (DMO); Sub-part 5: Abstract Test Suite (ATS) for Mobile Station (MS) Repeater type 1

prEVS 54911

Tähtaeg: 2003-02-01

Identne EN 300 394-4-6

V1.1.1:2001

Terrestrial Trunked Radio (TETRA); Conformance testing specification; Part 4: Protocol testing specification for Direct Mode Operation (DMO); Sub-part 6: Abstract Test Suite (ATS) for Direct Mode Repeater

prEVS 54912

Tähtaeg: 2003-02-01

Identne EN 300 394-4-11

V1.1.1:2001

Terrestrial Trunked Radio (TETRA); Conformance testing specification; Part 4: Protocol testing specification for Direct Mode Operation (DMO); Sub-part 11: Test Suite Structure and Test Purposes (TSS&TP) for Mobile Station Repeater type 2

prEVS 54913

Tähtaeg: 2003-02-01

Identne EN 300 394-4-12

V1.1.1:2001

Terrestrial Trunked Radio (TETRA); Conformance testing specification; Part 4: Protocol testing specification for Direct Mode Operation (DMO); Sub-part 12: Test Suite Structure and Test Purposes

prEVS 54914

Tähtaeg: 2003-02-01

Identne EN 300 394-4-13

V1.1.1:2001

Terrestrial Trunked Radio (TETRA); Conformance testing specification; Part 4: Protocol testing specification for Direct Mode Operation (DMO); Sub-part 13: Abstract Test Suite (ATS) for Mobile station Repeater type 2

prEVS 54915

Tähtaeg: 2003-02-01

Identne EN 300 394-4-14

V1.1.1:2001

Terrestrial Trunked Radio (TETRA); Conformance testing specification; Part 4: Protocol testing specification for Direct Mode Operation (DMO); Sub-

part 14: Abstract Test Suite (ATS) for Repeater type 2
prEVS 54916
Tähtaeg: 2003-02-01
Identne EN 300 396-4 V1.2.1:2000
Terrestrial Trunked Radio (TETRA); Technical requirements for Direct Mode Operation (DMO); Part 4: Type 1 repeater air interface
prEVS 54917
Tähtaeg: 2003-02-01
Identne EN 300 396-8-2 V1.1.1:2001
Terrestrial Trunked Radio (TETRA); Technical requirements for Direct Mode Operation (DMO); Part 8: Protocol Implementation Conformance Statement (PICS) proforma specification; Sub-part 2: Type 1 repeater Air Interface (AI)
prEVS 54918
Tähtaeg: 2003-02-01
Identne EN 300 396-8-4 V1.1.1:2001
Terrestrial Trunked Radio (TETRA); Technical requirements for Direct Mode Operation (DMO); Part 8: Protocol Implementation Conformance Statement (PICS) proforma specification; Sub-part 4: Type 2 repeater Air Interface (AI)
prEVS 54920
Tähtaeg: 2003-02-01
Identne EN 300 700 V1.2.1:2000
Digital Enhanced Cordless Telecommunications (DECT); Wireless Relay Station
prEVS 54996
Tähtaeg: 2003-02-01
Identne EN 300 392-5 V1.1.1:2001
Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 5: Peripheral Equipment Interface (PEI)
prEVS 54997
Tähtaeg: 2003-02-01
Identne EN 300 392-10-22 V1.2.1:2002
Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 10: Supplementary services stage 1; Sub-part 22: Dynamic Group Number Assignment (DGNA)
prEVS 54998
Tähtaeg: 2003-02-01
Identne EN 300 392-11-17 V1.1.2:2002

Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 11: Supplementary services stage 2; Sub-part 17: Include Call (IC)
prEVS 54999
Tähtaeg: 2003-02-01
Identne EN 300 392-12-17 V1.1.2:2002
Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 12: Supplementary services stage 3; Sub-part 17: Include Call (IC)
prEVS 55000
Tähtaeg: 2003-02-01
Identne EN 300 392-12-18 V1.1.1:2001
Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 12: Supplementary services stage 3; Sub-part 18: Barring of Outgoing Calls (BOC)
prEVS 55001
Tähtaeg: 2003-02-01
Identne EN 300 392-12-19 V1.1.1:2001
Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 12: Supplementary services stage 3; Sub-part 19: Barring of Incoming Calls (BIC)
prEVS 55008
Tähtaeg: 2003-02-01
Identne EN 300 434-1 V1.2.1:2001
Digital Enhanced Cordless Telecommunications (DECT); Integrated Services Digital Network (ISDN); DECT/ISDN interworking for end system configuration; Part 1: Interworking specification
prEVS 55009
Tähtaeg: 2003-02-01
Identne EN 300 434-2 V1.2.1:2001
Digital Enhanced Cordless Telecommunications (DECT); Integrated Services Digital Network (ISDN); DECT/ISDN interworking for end system configuration; Part 2: Access profile

33.080

Integraalteenustega digitaalvõrk (ISDN)

Integrated Services Digital Network (ISDN)

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54891
Tähtaeg: 2003-02-01
Identne EN 300 182-1 V1.3.6:1999

Integrated Services Digital Network (ISDN); Advice of Charge (AOC) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification
prEVS 54892
Tähtaeg: 2003-02-01
Identne EN 300 182-2 V1.3.4:1999
Integrated Services Digital Network (ISDN); Advice of Charge (AOC) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification
prEVS 54893
Tähtaeg: 2003-02-01
Identne EN 300 182-3 V1.4.1:2001
Integrated Services Digital Network (ISDN); Advice of Charge (AOC) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user
prEVS 54894
Tähtaeg: 2003-02-01
Identne EN 300 182-4 V1.4.1:2001
Integrated Services Digital Network (ISDN); Advice of Charge (AOC) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user
prEVS 54986
Tähtaeg: 2003-02-01
Identne EN 300 196-3 V1.2.1:2001
Generic functional protocol for the support of supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user
prEVS 54987
Tähtaeg: 2003-02-01
Identne EN 300 196-4 V1.2.1:2001
Generic functional protocol for the support of supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra

Information for Testing (PIXIT) proforma specification for the user
prEVS 54988
Tähtaeg: 2003-02-01
Identne EN 300 196-5 V1.2.1:2001
Generic functional protocol for the support of supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 5: Test Suite Structure and Test Purposes (TSS&TP) specification for the network
prEVS 54989
Tähtaeg: 2003-02-01
Identne EN 300 196-6 V1.2.1:2001
Generic functional protocol for the support of supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 6: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the network
prEVS 54990
Tähtaeg: 2003-02-01
Identne EN 300 207-4 V3.1.1:2001
Diversion supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user
prEVS 54992
Tähtaeg: 2003-02-01
Identne EN 300 356-33 V3.2.2:2001
Signalling System No.7; ISDN User Part (ISUP) version 3 for the international interface; Part 33: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for basic services
prEVS 54993
Tähtaeg: 2003-02-01
Identne EN 300 356-36 V3.2.2:2001
Signalling System No.7; ISDN User Part (ISUP) version 3 for the international interface; Part 36: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for supplementary services
prEVS 54994

Tähtaeg: 2003-02-01
Identne EN 300 359-4 V1.4.1:2001
Completion of Calls to Busy Subscriber (CCBS) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user
prEVS 54995
Tähtaeg: 2003-02-01
Identne EN 300 359-6 V1.4.1:2001
Completion of Calls to Busy Subscriber (CCBS) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 6: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the network
prEVS 55010
Tähtaeg: 2003-02-01
Identne EN 300 899-3 V1.1.1:2001
Integrated Services Digital Network (ISDN); Signalling System No.7; Interworking between ISDN User Part (ISUP) version 2 and Digital Subscriber Signalling System No. one (DSS1); Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification
prEVS 55011
Tähtaeg: 2003-02-01
Identne EN 301 002-3 V1.2.1:2001
Integrated Services Digital Network (ISDN); Security tools (SET) procedures; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user
prEVS 55012
Tähtaeg: 2003-02-01
Identne EN 301 002-4 V1.2.1:2001
Integrated Services Digital Network (ISDN); Security tools (SET) procedures; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user
prEVS 55013
Tähtaeg: 2003-02-01
Identne EN 301 002-5 V1.2.1:2001

Integrated Services Digital Network (ISDN); Security tools (SET) procedures; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 5: Test Suite Structure and Test Purposes (TSS&TP) specification for the network
prEVS 55014
Tähtaeg: 2003-02-01
Identne EN 301 002-6 V1.2.1:2001
Integrated Services Digital Network (ISDN); Security tools (SET) procedures; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 6: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the network

33.100

Elektromagnetiline ühilduvus

Electromagnetic compatibility (EMC)

UUED STANDARDID

EVS-EN 301 783-2 V1.1.1:2002
Hind 92,00
Identne EN 301 783-2 V1.1.1:2000
Electromagnetic compatibility and Radio Spectrum Matters (ERM); Land Mobile Service; Commercially available amateur radio equipment; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
EVS-EN 301 796 V1.1.1:2002
Hind 155,00
Identne EN 301 796 V1.1.1:2000
Electromagnetic compatibility and Radio spectrum Matters (ERM); Harmonized EN for CT1 and CT1+ cordless telephone equipment covering essential requirements under article 3.2 of the R&TTE directive
EVS-EN 301 797 V1.1.1:2002
Hind 170,00
Identne EN 301 797 V1.1.1:2000
Electromagnetic compatibility and Radio spectrum Matters (ERM); Harmonized EN for CT2 cordless telephone equipment covering essential requirements under article 3.2 of the R&TTE
EVS-EN 301 843-1 V1.1.1:2002
Hind 170,00

Identne EN 301 843-1 V1.1.1:2001
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services; Part 1: Common technical requirements

EVS-EN 301 843-2 V1.1.1:2002
Hind 92,00

Identne EN 301 843-2 V1.1.1:2001
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services; Part 2: Specific conditions for radiotelephone transmitters and receivers

KAVANDITE ARVAMUSKÜSITLUS

prEVS 19050

Tähtaeg: 2003-02-01

Identne ETS 300340:1994

Radio Equipment and Systems (RES) - Electro-Magnetic Compability (EMC) for European Radio Message System (ERMES) paging receivers

This ETS covers the assessment of ERMES Paging Receivers and ancillary equipment in respect of electromagnetic compatibility. This ETS specifies the applicable EMC tests, the methods of measurements, the limits and the minimum performance criteria for ERMES Paging Receivers and the associated ancillary equipment.

prEVS 27975

Tähtaeg: 2003-02-01

Identne ETS 300 682 Ed. 1:1997
Radio Equipment and Systems (RES) - ElectroMagnetic Compatibility (EMC) standard for On-Site Paging equipment

This European

Telecommunication Standard (ETS) covers the assessment of on-site paging equipment and ancillary equipment, used in privately owned and operated paging systems, in respect of ElectroMagnetic Compatibility (EMC). Technical specifications related to the antenna port and emissions from the enclosure port of the radio equipment are not included in this ETS. Such technical specifications are found in the radio product standard ETS 300 224 [1].

prEVS 27976

Tähtaeg: 2003-02-01

Identne ETS 300 683 Ed. 1:1997
Radio Equipment and Systems (RES) - ElectroMagnetic Compatibility (EMC) standard for Short Range Devices (SRD) operating on frequencies between 9 kHz and 25 GHz
This European

Telecommunication Standard (ETS) covers the assessment of the Short Range Devices (SRD) product family and ancillary equipment in respect of ElectroMagnetic Compatibility (EMC). Technical specifications related to the antenna port and emissions from the enclosure port of the radio equipment are not included in this ETS. Such technical specifications are found in related radio product standards.

33.100.10

Kiirgus

Emission

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54547

Tähtaeg: 2003-01-01

Identne CISPR 14-1:2000/A2:2002
ja identne EN 55014-1:2000/A2:2002

Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus -- Part 1: Emission

This standard applies to the conduction and the radiation of radio-frequency disturbances from appliances whose main functions are performed by motors and switching or regulating devices.

prEVS 54548

Tähtaeg: 2003-01-01

Identne CISPR 15:2000/A2:2002
ja identne EN 55015:2000/A2:2002

Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment

This Standard applies to the emission (radiated and conducted) of radiofrequency disturbances.

33.100.99

Elektromagnetilise ühilduvusega seonduvad muud küsimused

Other aspects related to EMC

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54824

Tähtaeg: 2003-01-01

Identne IEC 61000-4-25:2001
ja identne EN 61000-4-25:2002
Electromagnetic compatibility (EMC) - Part 4-25: Testing and measurement techniques HEMP immunity test methods for equipment and systems
Describes the immunity test levels and related test methods for electrical and electronic equipment and systems exposed to high-altitude electromagnetic pulse (HEMP) environments.

Specifications for test equipment and instrumentation test set-up, test procedures, pass/fail criteria, and test documentation requirements are also defined by this standard. These tests are intended to demonstrate the immunity of electrical and electronic equipment when subjected to HEMP radiated and conducted electromagnetic disturbances. The objective of this part of IEC 61000 is to establish a common and reproducible basis for evaluating the performance of electrical and electronic equipment, when subjected to HEMP radiated environments and the associated conducted transients on power, antenna, and input/output (I/O) signal and control lines.

33.120.10

Koaksiaalkaablid. Lainejuhid

Coaxial cables. Waveguides

KAVANDITE ARVAMUSKÜSITLUS

prEVS 39687

Tähtaeg: 2003-01-01

Identne EN 50289-1-6:2002

Communication cables - Specifications for test methods - Part 1-6: Electrical test methods - Electromagnetic performance

This Part 1-6 of EN 50289 gives four different test methods for determining the electromagnetic performance characteristics of cables used in analogue and digital communication systems. The four methods are detailed in the normative annexes A to D. This part is to be read in conjunction with Part 1-1 of EN 50289, which contains essential provisions for its application.

prEVS 54578

Tähtaeg: 2003-01-01

Identne IEC 60154-3:1982

ja identne HD 129.3 S2:1983

Flanges for waveguides; Part 3: Relevant specifications for flanges for flat rectangular waveguides

Relates to designation, reflections at the flange joint and mechanical requirements for flanges for flat rectangular waveguides.

prEVS 54581

Tähtaeg: 2003-01-01

Identne IEC 60154-6:1983

ja identne HD 129.6 S1:1984

Flanges for waveguides; Part 6: Relevant specifications for flanges for medium flat rectangular waveguides

Gives the mechanical requirements and contains two tables showing the metric and inch dimensions of types L and N.

prEVS 54606

Tähtaeg: 2003-01-01

Identne IEC 60457-4:1978

ja identne HD 351.4 S2:1984

Rigid precision coaxial lines and their associated precision connectors; Part 4: 21 mm rigid precision coaxial line and associated hermaphroditic precision coaxial connector; Characteristic impedance 50 ohms (type 9/21); Characteristic impedance 75 ohms (type 6/21)

Describes the mechanical, electrical and environmental specifications of the 21 mm precision connector, the reflection coefficient and attenuation of which have to be measured up to 6 GHz.

prEVS 54674

Tähtaeg: 2003-01-01

Identne IEC 60078:1967

ja identne HD 120 S1:1977

Characteristic impedances and dimensions of radio-frequency coaxial cables

Gives rated characteristic impedances of coaxial, twin conductor and dual coaxial cables. Specifies standard diameters over dielectric for coaxial and flexible twin cables. See IEC 60096.

prEVS 54675

Tähtaeg: 2003-01-01

Identne IEC 60153-1:1964

ja identne HD 123.1 S1:1977

Hollow metallic waveguides; Part 1: General requirements and measuring methods

Specifies for hollow metallic waveguides: the details necessary to ensure compatibility and interchangeability, test methods and uniform requirements for the electrical and mechanical properties.

prEVS 54677

Tähtaeg: 2003-01-01

Identne IEC 60153-2:1974

ja identne HD 123.2 S1:1977

Hollow metallic waveguides; Part 2: Relevant specifications for ordinary rectangular waveguides

Contains a detailed description of ordinary rectangular waveguides - Type R, including mechanical requirements, electrical and gas tightness tests, and a table drawn up in inches and millimetres.

prEVS 54679

Tähtaeg: 2003-01-01

Identne IEC 60153-3:1964

ja identne HD 123.3 S1:1977

Hollow metallic waveguides; Part 3: Relevant specifications for flat rectangular waveguides

Contains a detailed description of rectangular flat waveguides - Type G, including mechanical requirements, electrical test and a table drawn up in inches and millimeters.

prEVS 54680

Tähtaeg: 2003-01-01

Identne IEC 60153-4:1973

ja identne HD 123.4 S1:1977

Hollow metallic waveguides; Part 4: Relevant specifications for circular waveguides

Contains a detailed description of flanges for circular waveguides - Type J, including mechanical requirements, electrical tests and a table drawn up in inches and millimeters.

prEVS 54681

Tähtaeg: 2003-01-01

Identne IEC 60153-

6:1967+A1:1977

ja identne HD 123.6 S2:1980

Hollow metallic waveguides; Part 6: Relevant specifications for medium flat rectangular waveguides

Contains a detailed description of medium flat rectangular waveguides, including mechanical requirements, electrical tests and a table drawn up in inches and millimeters.

prEVS 54682

Tähtaeg: 2003-01-01

Identne IEC 60153-7:1972

ja identne HD 123.7 S1:1977

Hollow metallic waveguides; Part 7: Relevant specifications for square waveguides

Contains a detailed description of square waveguides - Type Q, including mechanical requirements, electrical tests and a table drawn up in inches and millimeters.

prEVS 54683

Tähtaeg: 2003-01-01

Identne IEC 60154-4:1969

ja identne HD 129.4 S1:1977

Flanges for waveguides; Part 4: Relevant specifications for flanges for circular waveguides

Contains a detailed description of flanges for circular waveguides - Type J, including mechanical requirements and electrical test, as well as tables and drawings.

prEVS 54685

Tähtaeg: 2003-01-01

Identne IEC 60154-7:1974

ja identne HD 129.7 S1:1977

Flanges for waveguides; Part 7: Relevant specifications for flanges for circular waveguides

Gives the mechanical requirements and contains a table showing the metric and inch dimensions of Type K flanges.

prEVS 54697

Tähtaeg: 2003-01-01

Identne IEC 60339-1:1971

ja identne HD 350.1 S1:1978

General purpose rigid coaxial transmission lines and their associated flange connectors; Part 1: General requirements and measuring methods

Gives general requirements for general purpose rigid coaxial transmission lines and their associated flange connectors in order to ensure compatibility and interchangeability, gives the tolerances necessary to ensure adequate electrical performance and the test methods.

prEVS 54698

Tähtaeg: 2003-01-01

Identne IEC 60457-2:1974

ja identne HD 351.2 S1:1977
Rigid precision coaxial lines and their associated precision connectors; Part 2: 50 ohm 7 mm rigid precision coaxial line and associated hermaphroditic precision coaxial connector
Describes the mechanical, electrical and environmental specifications of the 7 mm precision connector, the reflection coefficient and attenuation of which has to be measured up to 18 GHz.
prEVS 54815
Tähtaeg: 2003-01-01
Identne EN 50289-3-17:2002
Communication cables Specifications for test methods - Part 3-17: Mechanical test methods Adhesion of dielectric and sheath
This Part 3-17 of EN 50289 details the method of test to determine the adhesion of the dielectric and of the sheath of coaxial cables used in analogue and digital communication systems.
prEVS 54816
Tähtaeg: 2003-01-01
Identne EN 50289-4-11:2002
Communication cables Specifications for test methods - Part 4-11: Environmental test methods A horizontal integrated fire test method
This Part 4-11 of EN 50289 specifies a horizontal integrated fire test method for determining flame-propagation distance, optical smoke density, total heat release, heat release rate, time to ignition and flaming droplets/particles for communication cables.
prEVS 54840
Tähtaeg: 2003-01-01
Identne EN 50290-2-24:2002
Communication cables - Part 2-24: Common design rules and construction PE sheathing
This Part 2-24 of EN 50290 gives specific requirements for PE sheathing compounds used in communication cables.
prEVS 54841
Tähtaeg: 2003-01-01
Identne EN 50290-2-25:2002
Communication cables - Part 2-25: Common design rules and construction Polypropylene insulation compounds
This Part 2-25 of EN 50290 gives specific requirements for polypropylene insulation compounds used in communication cables.
prEVS 54842

Tähtaeg: 2003-01-01
Identne EN 50290-2-26:2002
Communication cables - Part 2-26: Common design rules and construction Halogen free flame retardant insulation compounds
This Part 2-26 of EN 50290 gives specific requirements for halogen free flame retardant insulation compounds used in communication cables.
prEVS 54843
Tähtaeg: 2003-01-01
Identne EN 50290-2-27:2002
Communication cables - Part 2-27: Common design rules and construction Halogen free flame retardant thermoplastic sheathing compounds
This Part 2-27 of EN 50290 gives specific requirements for halogen free flame retardant thermoplastic sheathing compounds used in communication cables.
prEVS 54844
Tähtaeg: 2003-01-01
Identne EN 50290-2-28:2002
Communication cables - Part 2-28: Common design rules and construction Filling compounds for filled cables
This Part 2-28 of EN 50290 gives specific requirements for filling compounds for filled cables used in communication cables.
prEVS 54845
Tähtaeg: 2003-01-01
Identne EN 50290-2-29:2002
Communication cables - Part 2-29: Common design rules and construction Cross-linked PE insulation compounds
This Part 2-29 of EN 50290 includes requirements for cross-linked PE insulation compounds used in communication cables.
prEVS 54846
Tähtaeg: 2003-01-01
Identne EN 50290-2-30:2002
Communication cables - Part 2-30: Common design rules and construction -Poly (tetrafluoroethylene-hexafluoropropylene) (FEP) insulation and sheathing
This Part 2-30 of EN 50290 gives specific requirements for poly(tetrafluoroethylene-hexafluoropropylene) (FEP) insulation and sheathing used in communication cables.
prEVS 54940
Tähtaeg: 2003-01-01
Identne EN 50290-2-20:2001

Communication cables - Part 2-20: Common design rules and construction - General
The series of part 2 of the European Standard EN 50290 specifies common design rules and construction requirements for materials used for communication cables.
prEVS 54965
Tähtaeg: 2003-01-01
Identne EN 50289-3-2:2001
Communication cables - Specifications for test methods - Part 3-2: Mechanical test methods - Tensile strength and elongation for conductor
This Part 3-2 of EN 50289 details the methods of test to determine the tensile strength and elongation of conductors of cables used in analogue and digital communication systems.

33.120.20

Juhtmed ja sümmeetrilised kaablid

Wires and symmetrical cables

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54879

Tähtaeg: 2003-01-01

Identne IEC 62012-1:2002

ja identne EN 62012-1:2002

Multicore and symmetrical pair/quad cables for digital communications to be used in harsh environments Part 1: Generic specification

This part of IEC 62012 specifies the definitions and test methods, when used in harsh environment, of symmetrical pair and quad cables used in digital communication systems such as ISDN, local area networks and data communication systems. This standard gives guidance concerning the design and testing of these cables.

33.120.30

Raadiosagedusliitmikud

R.F. connectors

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54582

Tähtaeg: 2003-01-01

Identne IEC 60169-2:1965+

A1:1982

ja identne HD 134.2 S2:1984

**Radio-frequency connectors;
Part 2: Coaxial unmatched
connector**

Gives the dimensions of connectors and gauges as well as the schedule for type tests.

prEVS 54606

Tähtaeg: 2003-01-01

Identne IEC 60457-4:1978

ja identne HD 351.4 S2:1984

**Rigid precision coaxial lines
and their associated precision
connectors; Part 4: 21 mm rigid
precision coaxial line and
associated hermaphroditic
precision coaxial connector;
Characteristic impedance 50
ohms (type 9/21); Characteristic
impedance 75 ohms (type 6/21)**

Describes the mechanical, electrical and environmental specifications of the 21 mm precision connector, the reflection coefficient and attenuation of which have to be measured up to 6 GHz.

prEVS 54687

Tähtaeg: 2003-01-01

Identne IEC 60169-3:1965

ja identne HD 134.3 S1:1977

**Radio-frequency connectors;
Part 3: Two-pin connector for
twin balanced aerial feeders**

Gives the dimensions of the male and female connectors and gauges, as well as a schedule for type tests.

prEVS 54688

Tähtaeg: 2003-01-01

Identne IEC 60169-4:1975

ja identne HD 134.4 S2:1977

**Radio-frequency connectors;
Part 4: R.F. coaxial connectors
with inner diameter of outer
conductor 16 mm (0.63 in) with
screw lock; Characteristic
impedance 50 ohms (type 7-16)**

Gives the dimensions for pin connectors and socket connectors for cables 96 IEC 60050-12.

prEVS 54689

Tähtaeg: 2003-01-01

Identne IEC 60169-5:1970

ja identne HD 134.5 S1:1977

**Radio-frequency connectors;
Part 5: R.F. coaxial connectors
for cables 96 IEC 60050-17 and
larger**

Gives the dimensions for pin connectors and socket connectors for cables 96 IEC 60050-17 and larger.

prEVS 54691

Tähtaeg: 2003-01-01

Identne IEC 60169-6:1971

ja identne HD 134.6 S1:1977

**Radio-frequency connectors;
Part 6: R.F. coaxial connectors
for cables 96 IEC 60075-17 and
larger**

Gives the dimensions for pin connectors and socket connectors for cables 96 IEC 60075-17 and larger.

prEVS 54697

Tähtaeg: 2003-01-01

Identne IEC 60339-1:1971

ja identne HD 350.1 S1:1978

**General purpose rigid coaxial
transmission lines and their
associated flange connectors;
Part 1: General requirements
and measuring methods**

Gives general requirements for general purpose rigid coaxial transmission lines and their associated flange connectors in order to ensure compatibility and interchangeability, gives the tolerances necessary to ensure adequate electrical performance and the test methods.

prEVS 54698

Tähtaeg: 2003-01-01

Identne IEC 60457-2:1974

ja identne HD 351.2 S1:1977

**Rigid precision coaxial lines
and their associated precision
connectors; Part 2: 50 ohm 7
mm rigid precision coaxial line
and associated hermaphroditic
precision coaxial connector**

Describes the mechanical, electrical and environmental specifications of the 7 mm precision connector, the reflection coefficient and attenuation of which has to be measured up to 18 GHz.

prEVS 54726

Tähtaeg: 2003-01-01

Identne IEC 60803:1984

ja identne HD 489 S1:1987

**Recommended dimensions for
hexagonal and square crimping-
die cavities, indentors, gauges,
outer conductor crimp sleeves
and centre contact crimp barrels
for r.f. cables and connectors**

Applies to r.f. cables and connectors. Relates to the recommended dimensions for hexagonal and square crimping-die cavities, indentors, gauges, outer conductor crimp sleeves and centre contact crimp barrels.

prEVS 54814

Tähtaeg: 2003-01-01

Identne EN 122340:2002

**Sectional Specification: Radio
frequency coaxial connectors -
Series MMCX**

This sectional specification (SS) provides information and rules for the preparation of detail specifications (DS) for miniature snap-on interfaces for use with both flexible and semi-rigid coaxial cables (Series MMCX). The connectors are usable to a frequency of at least 6 GHz.

33.120.40

Antennid

Aerials

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54668

Tähtaeg: 2003-01-01

Identne IEC 60489-8:1984

ja identne HD 466.8 S1:1986

**Methods of measurement for
radio equipment used in the
mobile services; Part 8:
Methods of measurement for
antennas**

Applies specifically to antennas used for transmitting and receiving in the mobile services. Defines terms and conditions of measurement used to ascertain the performance of antennas within the scope of this standard and makes possible a comparison of the results of measurements made by different observers on different equipment.

33.160.01

Audio- ja videoseadmed ning -süsteemid üldiselt

Audio, video and audiovisual systems in general

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 35368

Tähtaeg: 2003-01-01

Identne IEC 61603-6:2001

ja identne EN 61603-6:2002

**Transmission of audio and/or
video and related signals using
infra-red radiation - Part 6:
Video and audio-visual signals**

Part 1 gives the general requirements for equipment using infra-red radiation as the carrier of information. This part contains details for analogue video transmission systems which are not covered by part 1 nor by other standards. It describes systems with different economic uses of the available bandwidth in order to

obtain minimum interference and maximum compatibility.

prEVS 54700

Tähtaeg: 2003-01-01

Identne IEC 60574-1:1977

ja identne HD 369.1 S1:1978

Audio-visual, video and television equipment and systems; Part 1: General

Gives a complete list of all parts of this standard. Specifies atmospheric conditions for measurements and mechanical checks, frequencies of measurements, scales for graphical presentation of data and requirements for marking.

33.160.20

Raadiovastuvõtjad

Radio receivers

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 26414

Tähtaeg: 2003-01-01

Identne IEC 60864-2:1997

ja identne EN 60864-2:1997

Standardization of interconnections between broadcasting transmitters or transmitter systems and supervisory equipment - Part 2: Interface standards for systems using data bus type interconnections

This part of IEC 60864 deals with the interface between a transmitter (or system of transmitters) and the supervisory equipment which is intended to remotely monitor and/or control the transmitter(s). It details the interconnections and facilities to be provided with a view to achieving compatibility between different types and makes of transmitters and supervisory equipment.

33.160.30

Helisalvestussüsteemid

Audio systems

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 30136

Tähtaeg: 2003-01-01

Identne IEC 60849:1998

ja identne EN 60849:1998

Sound systems for emergency purposes

This international standard applies to sound reinforcement and distribution systems to be used to effect a rapid and orderly mobilization of occupants in an indoor or outdoor area in an emergency situation. This standard applies to systems using tone signals and to systems with voice announcements for emergency purposes.

prEVS 54599

Tähtaeg: 2003-01-01

Identne IEC 60094-10:1988

ja identne HD 311.10 S1:1989

Magnetic tape sound recording and reproducing systems; Part 10: Time and address codes

Applies to a time code according to IEC 60461, located on a track between two audio tracks of a 6.3 mm wide professional twin track magnetic tape. Describes an address code in the form of intentional pauses within a programme for the automatic recognition of individual parts of the programme.

prEVS 54600

Tähtaeg: 2003-01-01

Identne IEC 60094-6:1985

ja identne HD 311.6 S1:1987

Magnetic tape sound recording and reproducing systems; Part 6: Reel-to-reel systems

Applies to reel-to-reel tape systems. Should be used with IEC 60094-1. Gives requirements for reels and hubs as well as allocation of tracks.

prEVS 54605

Tähtaeg: 2003-01-01

Identne IEC 60098:1987

ja identne HD 337 S3:1989

Analogue audio disk records and reproducing equipment

Applies to professional and domestic reproducing equipment for analogue audio disk records comprising the reproducing pickup and drive systems for the record. Specifies the parameters which are necessary to ensure compatibility between analogue audio disk records and the corresponding reproducing equipment. Lists and defines the most important parameters affecting their performance and establishes agreed methods of measurement for these parameters.

prEVS 54613

Tähtaeg: 2003-01-01

Identne IEC 60574-13:1982

ja identne HD 369.13 S1:1984

Audio-visual, video and television equipment and systems; Part 13: Digital counter for audio cassette systems

Establishes requirements for a digital counter used on instructional audio-visual cassette recorders and players utilizing the co-planar magnetic tape cassettes specified in IEC 60094-7.

prEVS 54724

Tähtaeg: 2003-01-01

Identne IEC 60268-1:1985+

A1:1988

ja identne HD 483.1 S2:1989

Sound system equipment; Part 1: General

Applies to sound systems of any kind, and to the parts of which they are composed or which are used as auxiliaries to such systems. Deals with the determination of the performance of sound system equipment, the comparison of these types of equipment and the determination of their proper practical application, by listing the characteristics which are useful for their specification and laying down uniform methods of measurements for these characteristics. Is confined to a description of the different characteristics and the relevant methods of measurement.

prEVS 54743

Tähtaeg: 2003-01-01

Identne IEC 60841:1988

ja identne HD 544 S1:1989

Audio recording; PCM encoder/decoder system

Applies to the reversible process achieved by the PCM encoder/decoder system that transforms two audio signals into one PCM signal for compatibility, with either 525 line/ 60 field or 625 line/50 field television system. Establishes the signal format for the PCM encoder decoder for reproducing audio signals in PCM form on a consumer video cassette system. Ensures standardized system operation compatibility of encoder/decoder systems and interchangeability of recorder tapes with players and systems.

prEVS 54927

Tähtaeg: 2003-01-01

Identne IEC 62121:2001

ja identne EN 62121:2001

Methods of measurement for minidisc recorders/players

Specifies the measuring methods for recording and reproducing equipment for MiniDiscs that conform to IEC 61909. Lists and defines the characteristics affecting the performance of MiniDisc recorders or players, establishes conditions and methods of measurement of those characteristics, and standardizes the presentation of the results.

33.160.40

Videosalvestussüsteemid

Video systems

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 23098

Tähtaeg: 2003-01-01

Identne IEC 60843-3:1993

ja identne EN 60843-3:1993

Helical-Scan video tape cassette system using 8 mm magnetic tape - 8 mm Video - Part 3: High-band specifications for Hi 8

This part of IEC 843 provides high-band specifications for high-quality recording and playback with the 8 mm video system. This part is applicable to both 525 line-60 field and 625 line-50 field TV signals.

prEVS 31985

Tähtaeg: 2003-01-01

Identne IEC

60856:1986+A1:1991+A2:1997

ja identne EN

60856:1993+A1:1993+A2:1997

Pre-recorded optical reflective videodisk system - "Laser-Vision" 50 Hz/625 lines - PAL

Applies to pre-recorded optical reflective videodisks compatible with 50 Hz-625 lines CCIR monochrome and colour coding PAL systems, and defines those parameters that effect the interchangeability of the disk, excluding limitations of the programming material and source. Serves as a reference for manufacturers intending to make disks or players compatible with the optical system described.

prEVS 54538

Tähtaeg: 2003-01-01

Identne IEC 60574-21:1992

ja identne EN 60574-21:1993

Audiovisual, video and television equipment and systems; Part 21: Video tape leader and trailer for education and training applications

Specifies the minimum requirements for recordings on the leaders and trailers of video recordings to assist users to adjust equipment for optimum performance prior to the start of recorded programme material.

prEVS 54614

Tähtaeg: 2003-01-01

Identne IEC 60574-

14:1983+A1:1988

ja identne HD 369.14 S2:1989

Audiovisual, video and television equipment and systems; Part 14: Audio striped card system

Applies to audio striped cards for audiovisual and educational applications. It specifies track locations, operation speed and technical characteristics of the recorded information, and the area for visual information.

prEVS 54619

Tähtaeg: 2003-01-01

Identne IEC 60574-3:1983

ja identne HD 369.3 S1:1986

Audio-visual, video and television equipment and systems; Part 3: Connectors for the interconnection of equipment in audio-visual systems

Applies to the types of connectors to be used for the interconnection of equipment in audiovisual systems and gives requirements for contact arrangement and contact designation for the connectors.

Specifies four systems for interconnection by means of: concentric connectors, circular connectors, coaxial connectors.

prEVS 54621

Tähtaeg: 2003-01-01

Identne IEC 60574-5:1980

ja identne HD 369.5 S1:1983

Audio-visual, video and television equipment and systems; Part 5: Control, synchronization and address codes; Chapter 1: Synchronized tape/visual operating practice

Establishes procedures for the projection and playback of automatic cue tone operated tape/slide and filmstrip sequences. In particular, attention is given to ensuring synchronization and reliable magazine operation and to the identification of slides, slide changes and stop points.

Procedures are given for recording and playing back tapes with recorded cue tones.

prEVS 54623

Tähtaeg: 2003-01-01

Identne IEC 60574-5-2:1983

ja identne HD 369.5.2 S1:1986

Audio-visual, video and television equipment and systems; Part 5: Control synchronization and address codes; Chapter 2: Control systems for two still projectors; Operating practice

Extends the scope of IEC 60574-10, by recommending procedures for the combined operation of a pair of slide projectors controlled by a recording on magnetic tape cassettes. Ensures the compatibility of programmes with various makes of equipment.

prEVS 54661

Tähtaeg: 2003-01-01

Identne IEC 60347:1982

ja identne HD 451 S1:1984

Transverse track video recorders

Applies to transverse track recorders, i.e. recorders making use of four video heads rotating in a plane perpendicular to the direction of tape motion. Defines the electrical and mechanical characteristics of equipment which will provide for interchangeability of recordings. This standard is in accordance with ITU-R specifications, unless otherwise specified.

prEVS 54665

Tähtaeg: 2003-01-01

Identne IEC 60767:1983

ja identne HD 461 S1:1987

Helical-scan video tape cassette system using 12.65 mm (0, 5 in) magnetic tape on type beta format

Applies to magnetic video recording using 12.70 mm (0.5 in) tape cassettes on two-head helical-scan video-cassette recorders. Gives dimensional and other characteristics necessary to permit the interchangeability of recorded cassettes. The requirements given relate to the 525 line-60 field and 625 line-50 field systems.

prEVS 54740

Tähtaeg: 2003-01-01

Identne IEC 60883:1987

ja identne HD 527 S1:1989

Measuring method for chrominance signal-to-random noise ratio for video tape recorders

Describes a technique for measuring the impairment of a TV picture due to random noise in a colour signal. The values which result from this measurement method make it possible to compare different video tape records, recording systems and video tapes for their random noise characteristics. Is intended for use with all IEC recognized video recording formats.

prEVS 54928

Tähtaeg: 2003-01-01

Identne IEC 62156:2001

ja identne EN 62156:2001

Digital video recording with video compression 12,65 mm type D-9 component format 525/60 and 625/50 (digital S)

Specifies the content, format and recording method of the data blocks containing video, audio, and associated data that form the helical records on 12,65 mm tape in cassettes. Also specifies the content, format and recording method of the longitudinal record containing tracking information for the rotating head associated with the helical records, and also cue audio, and control tracks.

33.160.50

Lisaseadmed

Accessories

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 27267

Tähtaeg: 2003-01-01

Identne IEC 60268-7:1996

ja identne EN 60268-7:1996

Sound system equipment - Part 7: Headphones and earphones

This part of IEC 268 applies to headphones, headsets, earphones and earsets, intended to be used on, or in, the human ear. It also applies to equipment, such as pre-amplifiers, passive networks and power supplies which form an integral part of the headphone system.

prEVS 28877

Tähtaeg: 2003-01-01

Identne IEC 60268-

5:1989+A1:1993+A2:1996

ja identne EN 60268-

5:1996+A2:1996

Sound system equipment - Part 5: Loudspeakers

Applies to sound system loudspeakers, treated as entirely passive elements. Gives the characteristics to be specified and the relevant methods of measurement for loudspeakers using sinusoidal or specified noise signals. Supersedes IEC 200.

prEVS 54801

Tähtaeg: 2003-01-01

Identne IEC 61842:2002

ja identne EN 61842:2002

Microphones and earphones for speech communications

Applies to the microphone part and earphone part of handsets, headsets or earsets for speech communications, and also to the microphone units and earphone units of built-in handsets, headsets or earsets. Establishes definitions relating to these electroacoustic transducers, standardizes the characteristics to be specified and the relevant methods of measurement.

33.160.60

Multimeedia süsteemid ja telekonverentsi seadmed

Multimedia systems and teleconferencing equipment

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54847

Tähtaeg: 2003-01-01

Identne IEC 61966-7-1:2001

ja identne EN 61966-7-1:2002

Multimedia systems and equipment - Colour measurement and management

- Part 7-1: Colour printers - Reflective prints - RGB inputs

Specifies a set of data in colour digital image files for measurements, sampling of successive prints, measurement conditions and forms of reporting the results so as to make possible the characterization of the colour printer and comparison of the results of measurements. Are applicable to reflective colour prints for consumer use

prEVS 54868

Tähtaeg: 2003-01-01

Identne IEC 61947-2:2001

ja identne EN 61947-2:2002

Electronic projection

Measurement and

documentation of key

performance criteria - Part 2:

Variable resolution projectors

Specifies requirements for measuring and documenting key performance parameters for CRT and laser-based projectors and other variable resolution projectors.

prEVS 54962

Tähtaeg: 2003-01-01

Identne IEC 61937-5:2002

ja identne EN 61937-5:2002

Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 5: Non-linear PCM bitstreams according to the DTS (Digital Theater Systems) format(s)

Describes audio bitstreams encoded according to the Digital Theater Systems (DTS) format data-types I, II and III.

prEVS 54963

Tähtaeg: 2003-01-01

Identne IEC 61937-6:2002

ja identne EN 61937-6:2002

Digital Audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 6: Non-linear PCM bitstreams according to the MPEG-2 AAC format

Specifies the method for the digital audio interface specified in IEC 60958 to convey non-linear PCM bitstreams encoded in accordance with the MPEG-2 AAC (Advanced Audio Coding) format.

prEVS 54964

Tähtaeg: 2003-01-01

Identne IEC 61947-1:2002

ja identne EN 61947-1:2002

Electronic projection - Measurement and documentation of key performance criteria - Part 1: Fixed resolution projectors

Specifies requirements for measuring and documenting key performance parameters for electronic projection systems with fixed resolution projectors in which the light source and projection/magnification optics are an integral part of the system (i.e. individual pixel light sources or matrix displays such as liquid crystal, DMD, plasma, or electroluminescent panels). Also applies to LCD panels or other fixed resolution imaging devices themselves that are used with overhead projectors.

33.170**Televisiooni-ja raadiolevi**

Television and radio
broadcasting

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 39039

Tähtaeg: 2003-01-01

Identne IEC 62106:2000

ja identne EN 62106:2001

Specification of the radio data system (RDS) for VHF/FM sound broadcasting in the frequency range from 87,5 to 108,0 MHz.

The Radio Data System (RDS) is intended for application to VHF/FM sound broadcasts in the range 87.5 MHz to 108.0 MHz which may carry either stereophonic (pilot-tone system) or monophonic programmes. The main objectives of RDS are to enable improved functionality for FM receivers and to make them more user-friendly by using features such as Programme Identification, Programme Service name display and where applicable, automatic tuning for portable and car radios, in particular.

33.180.10**Optilised kiud ja kaablid**

Fibres and cables

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 54789

Tähtaeg: 2003-01-01

Identne EN 187105:2002

Single mode optical cable (duct/direct buried installation)

This document sets forth telecom operators', other service providers' and manufacturers' view of proposed technical requirements and characteristics of single mode optical fibres and cables for duct and direct buried installation.

prEVS 54825

Tähtaeg: 2003-01-01

Identne IEC 60793-1-33:2001

ja identne EN 60793-1-33:2002

Optical fibres - Part 1-33:

Measurement methods and test procedures -Stress corrosion susceptibility

Describes methods for the determination of stress corrosion susceptibility parameters of optical fibres. Dynamic fatigue and static fatigue tests are used to determine stress corrosion susceptibility parameters, dynamic n-value and static n-value. Five test methods are described: Dynamic and static n-value by axial tension, dynamic and static n-value by two-point bending, and static n-value by uniform bending. These tests provide values of the stress corrosion parameter, n, used for reliability calculations in IEC 62048.

prEVS 54826

Tähtaeg: 2003-01-01

Identne IEC 60793-2-20:2001

ja identne EN 60793-2-20:2002

Optical fibres - Part 2-20:

Product specifications

Sectional specification for category A2 multimode fibres

Covers specific requirements of optical fibres type A2a, A2b and A2c. These fibres are used in information transmission equipment and optical fibre cables (typically up to 2 km). For general requirements, see IEC 60793-2.

prEVS 54828

Tähtaeg: 2003-01-01

Identne IEC 60793-2-30:2002

ja identne EN 60793-2-30:2002

Optical fibres - Part 2-30:

Product specifications

Sectional specification for category A3 multimode fibres

Applies to optical fibre types A3a, A3b, A3c and A3d. It covers requirements common to A3 multimode fibres. It also covers particular requirements for individual fibre types and specific applications.

prEVS 54829

Tähtaeg: 2003-01-01

Identne IEC 60793-2-40:2002

ja identne EN 60793-2-40:2002

Optical fibres - Part 2-40:

Product specifications

Sectional specification for category A4 multimode fibres

Applies to optical fibre types A4a, A4b, A4c and A4d. It covers requirements common to A4 multimode fibres. It also covers particular requirements for individual fibre types and specific applications.

prEVS 54830

Tähtaeg: 2003-01-01

Identne IEC 60793-2-50:2002

ja identne EN 60793-2-50:2002

Optical fibres - Part 2-50:

Product specifications

Sectional specification for class B single-mode fibres

Applies to optical fibre types B1.1, B1.2, B1.3, and categories B2, and B4. It covers requirements common to class B single-mode fibres. It also covers particular requirements for individual fibre types and specific applications.

prEVS 54831

Tähtaeg: 2003-01-01

Identne IEC 60793-1-21:2001

ja identne EN 60793-1-21:2002

Optical fibres - Part 1-21:

Measurement methods and test procedures Coating geometry

Gives four methods for measuring the coating geometry of optical fibres. The following parameters are measured: coating diameter, coating non-circularity, coating-cladding concentricity error. The methods are conducted off-line during inspection. They are not suitable for on-line, in-process measurements.

prEVS 54833

Tähtaeg: 2003-01-01

Identne IEC 60793-2-10:2002

ja identne EN 60793-2-10:2002

Optical fibres - Part 2-10:

Product specifications

Sectional specification for category A1 multimode fibres

Covers specific requirements of optical fibres type A1a, A1b and A1d. These fibres are used in transmission equipment and optical fibre cables. For general requirements, see IEC 60793-2.

prEVS 54859

Tähtaeg: 2003-01-01

Identne IEC 60793-1-34:2001

ja identne EN 60793-1-34:2002

Optical fibres - Part 1-34:

Measurement methods and test procedures Fibre curl

Establishes uniform requirements for fibre curl or latent curvature in uncoated optical fibres. This is important in minimizing splice loss when using fusion splicers. Two methods are used: (a) side view microscopy, (b) laser beam scattering. Method (a) is the reference test method to resolve disputes.

prEVS 54860

Tähtaeg: 2003-01-01

Identne IEC 60793-1-50:2001

ja identne EN 60793-1-50:2002

**Optical fibres - Part 1-50:
Measurement methods and test
procedures -Damp heat (steady
state)**

Defines a test that determines the suitability of optical fibres (types A1a to A1d and B1 to B4) to withstand high humidity and temperature in actual use, storage and/or transport. The test permits the observation of effects of high humidity at constant temperature over a given period.

prEVS 54861

Tähtaeg: 2003-01-01

Identne IEC 60793-1-51:2001
ja identne EN 60793-1-51:2002

**Optical fibres - Part 1-51:
Measurement methods and test
procedures -Dry heat**

Defines a test that determines the suitability of optical fibres (types A1a to A1d and B1 to B4) to withstand high temperatures (dry heat) in actual use, storage and/or transport. The test permits the observation of effects of high temperatures over a given period.

prEVS 54862

Tähtaeg: 2003-01-01

Identne IEC 60793-1-53:2001
ja identne EN 60793-1-53:2002

**Optical fibres - Part 1-53:
Measurement methods and test
procedures -Water immersion**

Defines a test for optical fibres (types A1a to A1d and B1 to B4) to withstand immersion in distilled or demineralized water, which may occur in actual use, storage and/or transport. The test permits observation of effects of immersion in water over a given period (following test Rc of IEC 60068-2-18).

33.180.20

Kiudoptika liitmikud

Fibre optic interconnecting
devices

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 26478

Tähtaeg: 2003-01-01

Identne IEC 61754-5:1996
ja identne EN 61754-5:2001

**Fibre optic connector interfaces
- Part 5: Type MT connector
family**

This document defines the standard interface dimensions for the Type MT family of connectors

prEVS 26482

Tähtaeg: 2003-01-01

Identne IEC 61754-
7:1996+A1:1999+A2:2000

ja identne EN 61754-

7:2001+A1:2001+A2:2001

**Fibre optic connector interfaces
- Part 7: Type MPO connector
family**

This document defines the standard interface dimensions for the Type MPO family of connectors

prEVS 26546

Tähtaeg: 2003-01-01

Identne IEC 61754-9:1996

ja identne EN 61754-9:2001

**Fibre optic connector interfaces
- Part 9: Type DS connector
family**

This document defines the standard interface dimensions for the Type FC/APC (FC Angled PC) family of connectors

prEVS 37501

Tähtaeg: 2003-01-01

Identne IEC 60869-1:1999

ja identne EN 60869-1:2000

**Fibre optic attenuators - Part 1:
Generic specification**

This specification applies to fibre optic attenuators. These have all of the following general features: - they are passive in that they contain no opto-electronic or other transducing elements; - they have two ports for the transmission of optical power and attenuate the transmitted power in a fixed or variable fashion; - the ports are optical fibres or optical fibre connectors. This standard establishes uniform requirements for the following: - attenuator requirements; - quality assessment procedures.

prEVS 54813

Tähtaeg: 2003-01-01

Identne IEC 61300-3-28:2002

ja identne EN 61300-3-28:2002

**Fibre optic interconnecting
devices and passive**

**components Basic test and
measurement procedures**

**Part 3-28: Examinations and
measurements Transient loss**

Describes methods to measure fast variation of attenuation due to mechanical stresses. Transient loss measurement shows the effect of fast mechanical disturbances on fibres, such as, dropping, vibration, or manipulation. The duration is generally longer than several tens of milliseconds. This method is not designed to measure very fast transient losses, with duration less than 1 ms.

prEVS 54817

Tähtaeg: 2003-01-01

Identne IEC 61753-051-3:2001

ja identne EN 61753-051-3:2002

**Fibre optic interconnecting
devices and passive
components performance
standard - Part 051-3: Single-
mode fibre, plug-style fixed
attenuators for category U
Uncontrolled environment**

Contains the minimum initial test and measurement requirements and severities for a fibre optic attenuator to meet the requirements of category U environments.

prEVS 54818

Tähtaeg: 2003-01-01

Identne IEC 61753-052-3:2001

ja identne EN 61753-052-3:2002

**Fibre optic interconnecting
devices and passive
components performance
standard - Part 052-3: Single-
mode fibre, pigtailed-style fixed
attenuators for category U
Uncontrolled environment**

Contains the minimum initial test and measurement requirements and severities for a fibre optic attenuator to meet the requirements of category U environments.

prEVS 54819

Tähtaeg: 2003-01-01

Identne IEC 61754-18:2001

ja identne EN 61754-18:2002

**Fibre optic connector interfaces
- Part 18: Type MT-RJ
connector family**

Defines the standard interface dimensions for the type MT-RJ family of connectors.

prEVS 54832

Tähtaeg: 2003-01-01

Identne IEC 61977:2001

ja identne EN 61977:2002

**Fibre optic filters Generic
specification**

Applies to the family of fibre optic filters. These are passive components used to select specific wavelengths. The standard covers their optical, mechanical and environmental properties; as well as the measurement and test procedures for quality assessment.

prEVS 54839

Tähtaeg: 2003-01-01

Identne IEC 61754-19:2001

ja identne EN 61754-19:2002

**Fibre optic connector interfaces
- Part 19: Type SG connector
family**

Defines the standard interface dimensions for the type SG family of connectors.

prEVS 54951

Tähtaeg: 2003-01-01

Identne IEC 60876-1:2001

ja identne EN 60876-1:2001

Fibre optic spatial switches - Part 1: Generic specification

Applies to fibre optic switches.

These have the following features:

-they are passive without optoelectronic elements; -they have two or more states in which power may be routed between ports; -the ports are optical fibres or optical fibre connectors. This standard establishes uniform requirements for their optical, mechanical and environmental properties. It also establishes measurement and test procedures for quality assessment.

33.180.99

Muud kiudoptikaseadmed

Other fibre optic equipment

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54793

Tähtaeg: 2003-01-01

Identne IEC 62134-1:2002

ja identne EN 62134-1:2002

Fibre optic enclosures Part 1: Generic specification

Establishes generic requirements for fibre optic enclosures. Also it establishes requirements for qualification approval and quality assessment procedures. Enclosures comprise structures that protect, secure and store passive fibre optic components (comme les *Úpissures*, les *connecteurs* et les *coupleurs optiques*).

33.200

Telemehaanika

Telecontrol. Telemetry

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 26414

Tähtaeg: 2003-01-01

Identne IEC 60864-2:1997

ja identne EN 60864-2:1997

Standardization of interconnections between broadcasting transmitters or transmitter systems and supervisory equipment - Part 2: Interface standards for systems using data bus type interconnections

This part of IEC 60864 deals with the interface between a transmitter (or system of transmitters) and the supervisory equipment which is intended to remotely monitor and/or control the transmitter(s). It details the interconnections and facilities to be provided with a view to achieving compatibility between different types and makes of transmitters and supervisory equipment.

prEVS 54542

Tähtaeg: 2003-01-01

Identne IEC 60870-3:1989

ja identne HD 546.3 S1:1991

Telecontrol equipment and systems; Part 3: Interfaces (electrical characteristics)

Defines the interface conditions to be fulfilled when connecting together the various elements of equipment needed to constitute a telecontrol system and enabling the user to manage such a system.

prEVS 54544

Tähtaeg: 2003-01-01

Identne IEC 60870-4:1990

ja identne HD 546.4 S1:1992

Telecontrol equipment and systems; Part 4: Performance requirements

Deals with those characteristics which affect the performance of telecontrol systems and relates the characteristics to the application and processing functions. Establishes a set of rules to assess and specify the performance requirements of telecontrol systems; where feasible, performance classes have been specified for each of the properties covered.

prEVS 54821

Tähtaeg: 2003-01-01

Identne IEC 61850-3:2002

ja identne EN 61850-3:2002

Communication networks and systems in substations - Part 3: General requirements

Applies to substation automation systems and more specifically defines the communication between intelligent electronic devices in the substation and the related system requirements.

prEVS 54822

Tähtaeg: 2003-01-01

Identne IEC 61850-4:2002

ja identne EN 61850-4:2002

Communication networks and systems in substations - Part 4: System and project management

Describes the requirements of the system and project management process and of special supporting tools for engineering and testing.

prEVS 54866

Tähtaeg: 2003-01-01

Identne IEC 61334-4-512:2001

ja identne EN 61334-4-512:2002

Distribution automation using distribution line carrier systems - Part 4-512: Data

communication protocols

System management using profile 61334-5-1 Management Information Base (MIB)

Specifies the Management Information Base (MIB), which is used for the management of the communication profile defined by the following standards: IEC 61334-5-1, IEC 61334-4-32, IEC 61334-4-42, and IEC 61334-4-41.

35.040

Märgistikud ja informatsiooni kodeerimine

Character sets and information coding

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 38886

Tähtaeg: 2003-01-01

Identne ISO/IEC TR 13335-5:2001

Infotehnoloogia. Infoturbe halduse suunised. Osa 5: Võrguturbe halduse suunised

The purpose of this Technical Report is to provide guidance, not solutions, on management aspects of IT security. The main objectives of this report are: to define and describe the concepts associated with the management of IT security, to identify the relationships between the management of IT security and management of IT in general, to present several models which can be used to explain IT security, and to provide general guidance on the management of IT security.

prEVS 54963

Tähtaeg: 2003-01-01

Identne IEC 61937-6:2002

ja identne EN 61937-6:2002

Digital Audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 6: Non-linear PCM bitstreams according to the MPEG-2 AAC format

Specifies the method for the digital audio interface specified in IEC 60958 to convey non-linear PCM bitstreams encoded in accordance with the MPEG-2 AAC (Advanced Audio Coding) format.

35.100.20

Kanalikiht

Data link layer

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54469

Tähtaeg: 2003-02-01

Identne prEN 12795:2002

Road transport and traffic telematics - Dedicated Short Range Communication (DSRC) - DSRC data link layer: medium access and logical link control

This European Standard: defines the Data Link Layer of DSRC; is positioned with respect to other related standards by the layers defined in OSI Basic Reference Model [EN ISO/IEC 7498-1] as adopted for DSRC; supports broadcast and half-duplex transmission modes

35.100.70

Rakenduskiht

Application layer

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54470

Tähtaeg: 2003-02-01

Identne prEN 12834:2002

Road transport and traffic telematics - Dedicated Short Range Communication (DSRC) - DSRC application layer

This European Standard specifies the Application Layer Core which provides communication tools for applications based on DSRC. These tools consist of Kemels that can be used by application processes via service primitives. The application processes, including application data and application specific functions, are outside the scope of this European Standard

35.140

Arvutigraafika

Computer graphics

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54868

Tähtaeg: 2003-01-01

Identne IEC 61947-2:2001

ja identne EN 61947-2:2002

Electronic projection

Measurement and documentation of key performance criteria - Part 2: Variable resolution projectors

Specifies requirements for measuring and documenting key performance parameters for CRT and laser-based projectors and other variable resolution projectors.

35.180

Lõppseadmed jm

välisseadmed

IT terminal and other peripheral equipment

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54847

Tähtaeg: 2003-01-01

Identne IEC 61966-7-1:2001

ja identne EN 61966-7-1:2002

Multimedia systems and equipment - Colour measurement and management - Part 7-1: Colour printers - Reflective prints - RGB inputs

Specifies a set of data in colour digital image files for measurements, sampling of successive prints, measurement conditions and forms of reporting the results so as to make possible the characterization of the colour printer and comparison of the results of measurements. Are applicable to reflective colour prints for consumer use

prEVS 54964

Tähtaeg: 2003-01-01

Identne IEC 61947-1:2002

ja identne EN 61947-1:2002

Electronic projection - Measurement and documentation of key performance criteria - Part 1: Fixed resolution projectors

Specifies requirements for measuring and documenting key performance parameters for electronic projection systems with fixed resolution projectors in which the light source and projection/magnification optics are an integral part of the system (i.e. individual pixel light sources or matrix displays such as liquid crystal, DMD, plasma, or electro-luminescent panels). Also applies to LCD panels or other fixed resolution imaging devices themselves that are used with overhead projectors.

35.240.15

Identifikatsioonikaardid ja sarnased vahendid

Identification cards and related devices

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54557

Tähtaeg: 2003-02-01

Identne EN 1375:2002

Identification card system - Intersector integrated circuit(s) card additional formats - ID-000 card size and physical characteristics

This European Standard defines an ICC format in addition to already standardized ID-1 format. ID-000 format may be derived from ID-1 format as shown in the annex B. This Standard specifies physical characteristics as well as dimensions, locations and assignment of the contacts of cards with integrated circuit(s) plus the related test methods

35.240.50

IT rakendused tööstuses

IT applications in industry

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 37009

Tähtaeg: 2003-01-01

Identne IEC 61508-7:2000

ja identne EN 61508-7:2001

Functional safety of electrical/electronic/programmable electronic safety-related systems. - Part 7: Overview of techniques and measures

This part of IEC 61508 contains an overview of various safety techniques and measures relevant to parts 2 and 3 of this international standard.

prEVS 54906

Tähtaeg: 2003-01-01

Identne IEC 61523-1:2001

ja identne EN 61523-1:2002

Delay and power calculation standards - Part 1: Integrated circuit delay and power calculation systems

The scope of the DPCS standard is to make it possible for integrated circuit designers to analyze chip timing and power consistently across a broad set of EDA applications, for integrated circuit vendors to express timing and power information once (for a given technology), and for EDA vendors to meet their application performance and capacity needs.

35.240.60

IT rakendused transpordis ja kaubanduses

IT applications in transport and trade

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 31943

Tähtaeg: 2003-02-01

Identne ISO/DIS 14906:2002

ja identne prEN ISO 14906:2002

Road transport and traffic telematics - Electronic fee collection - Application interface definition for dedicated short-range communication

This European Standard / ISO International Standard specifies the application interface in the context of Electronic Fee Collection (EFC) systems using the Dedicated Short-Range communication (DSRC)

prEVS 54469

Tähtaeg: 2003-02-01

Identne prEN 12795:2002

Road transport and traffic telematics - Dedicated Short Range Communication (DSRC) - DSRC data link layer: medium access and logical link control

This European Standard: defines the Data Link Layer of DSRC; is positioned with respect to other related standards by the layers defined in OSI Basic Reference Model [EN ISO/IEC 7498-1] as adopted for DSRC; supports

broadcast and half-duplex transmission modes

prEVS 54470

Tähtaeg: 2003-02-01

Identne prEN 12834:2002

Road transport and traffic telematics - Dedicated Short Range Communication (DSRC) - DSRC application layer

This European Standard specifies the Application Layer Core which provides communication tools for applications based on DSRC. These tools consist of Kernels that can be used by application processes via service primitives. The application processes, including application data and application specific functions, are outside the scope of this European Standard

35.240.80

IT rakendused tervishoiutehnoloogias

IT applications in health care technology

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54493

Tähtaeg: 2003-02-01

Identne prEN 13609-1:2002

Health informatics - Messages for maintenance of supporting information in healthcare systems - Part 1: Updating of coding schemes

This European Standard specifies messages for electronic information exchange between computer systems using coding schemes in healthcare. It describes a message that may be used to populate or update the content of a coding scheme at user applications

35.240.99

IT rakendused muudel aladel

IT applications in other fields

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 33687

Tähtaeg: 2003-01-01

Identne IEC 60757:1983

ja identne HD 457 S1:1985

Code for designation of colours

The standard applies to the text of descriptions, drawings, markings, etc., in the elctrotechnical field and lays down a letter code for the designation of some distinct colour.

prEVS 39039

Tähtaeg: 2003-01-01

Identne IEC 62106:2000

ja identne EN 62106:2001

Specification of the radio data system (RDS) for VHF/FM sound broadcasting in the frequency range from 87,5 to 108,0 MHz.

The Radio Data System (RDS) is intended for application to VHF/FM sound broadcasts in the range 87.5 MHz to 108.0 MHz which may carry either stereophonic (pilot-tone system) or monophonic programmes. The main objectives of RDS are to enable improved functionality for FM receivers and to make them more user-friendly by using features such as Programme Identification, Programme Service name display and where applicable, automatic tuning for portable and car radios, in particular.

prEVS 54610

Tähtaeg: 2003-01-01

Identne IEC 60516:1975+A1:1984

ja identne HD 357 S2:1987

A modular instrumentation system for data handling; CAMAC system

Defines a modular instrumentation system capable of linking transducers and other devices with digital controllers or computers. It consists of mechanical standards and signal standards sufficient to ensure compatibility between units from different sources of design and production. The CAMAC system is primarily designed for nuclear instrumentation but may be utilized also for other applications. See also IEC 60552.

prEVS 54626

Tähtaeg: 2003-01-01

Identne IEC 60552:1977+A1:1984

ja identne HD 374 S2:1986

CAMAC; Organisation of multi-crate systems; Specification of the branch-highway and CAMAC crate controller type A1

Characteristics of the 'parallel highway' for the CAMAC instrumentation and interface system described in IEC 60516. This highway provides for the high-speed transfer of data between CAMAC crates and computers or other controllers and for the interconnection of CAMAC crates in multicrate systems. Signal, timing and logical organization. Appendix: specifications of a standard crate controller.

prEVS 54646

Tähtaeg: 2003-01-01

Identne IEC 60640:1979+A1:1984

ja identne HD 417 S2:1987

CAMAC; Serial highway interface system

Standard interface between a number of 'CAMAC' measuring instruments, display units, control units, actuators, data processing equipment (computers) and communication equipment.

prEVS 54649

Tähtaeg: 2003-01-01

Identne IEC 60677:1980

ja identne HD 431 S1:1983

Block transfers in CAMAC systems

Recommendations are presented for uniform practice with regard to block transfers in CAMAC modular instrumentation and digital interface systems of IEC 60516.

prEVS 54650

Tähtaeg: 2003-01-01

Identne IEC 60678:1980

ja identne HD 432 S1:1983

Definitions of CAMAC terms used in IEC publications

Defines the terms specific to the CAMAC modular instrumentation and digital interface system which forms the subject of several IEC standards. It includes also other terms whose use is well established and those of corresponding characteristics of the NIM system of instrumentation.

prEVS 54655

Tähtaeg: 2003-01-01

Identne IEC 60713:1981

ja identne HD 445 S1:1983

Subroutines for CAMAC

Presents a set of software subroutines to provide a general capability for communications with CAMAC systems as defined in IEC 60516. The subroutines are suitable for use with Fortran although they are not restricted to that language.

prEVS 54664

Tähtaeg: 2003-01-01

Identne IEC 60729:1982

ja identne HD 453 S1:1984

Multiple controllers in a CAMAC crate

Defines a method for incorporating more than one source of control into a CAMAC crate through auxiliary controllers located in normal stations in the crate. An auxiliary controller bus (ACB) and priority arbitration protocol are fully defined.

37.020

Optikaseadmed

Optical equipment

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54868

Tähtaeg: 2003-01-01

Identne IEC 61947-2:2001

ja identne EN 61947-2:2002

Electronic projection

Measurement and

documentation of key

performance criteria - Part 2:

Variable resolution projectors

Specifies requirements for measuring and documenting key performance parameters for CRT and laser-based projectors and other variable resolution projectors.

prEVS 54964

Tähtaeg: 2003-01-01

Identne IEC 61947-1:2002

ja identne EN 61947-1:2002

Electronic projection -

Measurement and

documentation of key

performance criteria - Part 1:

Fixed resolution projectors

Specifies requirements for measuring and documenting key performance parameters for electronic projection systems with fixed resolution projectors in which the light source and projection/magnification optics are an integral part of the system (i.e. individual pixel light sources or matrix displays such as liquid crystal, DMD, plasma, or electro-luminescent panels). Also applies to LCD panels or other fixed resolution imaging devices themselves that are used with overhead projectors.

37.040.10

Fotoaparatuur. Projektorid

Photographic equipment.

Projectors

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54617

Tähtaeg: 2003-01-01

Identne IEC 60574-18:1987

ja identne HD 369.18 S1:1989

Audio-visual, video and

television equipment and

systems; Part 18: Connectors for

automatic slide projectors with

built-in triacs for audiovisual

application

Applies to the interconnection and systems requirements for the control of automatic slide projectors with built-in triacs and low-voltage projector lamps supplied via insulating transformers. Ensures, for correct system function, that in particular the connection of projectors to dissolve control units meets agreed interconnection standards.

37.100.10

Paljundusseadmed

Reproduction equipment

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54847

Tähtaeg: 2003-01-01

Identne IEC 61966-7-1:2001

ja identne EN 61966-7-1:2002

Multimedia systems and

equipment - Colour

measurement and management

- Part 7-1: Colour printers -

Reflective prints - RGB inputs

Specifies a set of data in colour digital image files for measurements, sampling of successive prints, measurement conditions and forms of reporting the results so as to make possible the characterization of the colour printer and comparison of the results of measurements. Are applicable to reflective colour prints for consumer use

43.060.40**Toitesüsteemid**

Fuel systems

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 33089

Tähtaeg: 2003-02-01

Identne prEN 12806:2002

Automotive liquefied petroleum gas components - Other than containers

This European Standard specifies the general design and testing requirements for all components, in automotive Liquefied Petroleum Gas (LPG) propulsion systems, which have a working pressure equal to or greater than 20 kPa

43.160**Eriotstarbelised ja erisõidukid**

Special purpose vehicles

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 39503

Tähtaeg: 2003-02-01

Identne prEN 13524:2002

Highway maintenance machines - Safety requirements

This European Standard applies to machines used for highway maintenance which are attached to or mounted on carrier vehicles and which are defined in clause 3. Directives and standards for the vehicular truck chassis aspect, termed 'carrier vehicle' in this standard, would be those relevant to that equipment, even where specific modifications have been made to realise the machines for highway maintenance application. The use in public road traffic is governed by the national regulations

45.020**Raudteetehnika üldküsimumed**

Railway engineering in general

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 54597

Tähtaeg: 2003-02-01

Identne prEN 14531-1:2002

Railway applications - Braking - Methods for calculation of stopping and slowing distances - Methods for calculation of immobilisation braking - Part 1: General algorithms

This European Standard specifies a general algorithm that shall be used in any type of vehicle application. It enables the calculation of the various aspects of the performance: stopping or slowing distances, dissipated energy, force calculations, immobilisation braking

prEVS 54598

Tähtaeg: 2003-02-01

Identne prEN 13232-4:2002

Railway applications - Track - Switches and crossings - Part 4: Actuation, locking and detection

This part of the EN determines the interface between moveable parts and the actuation, locking and detection equipment, and defines the basic criteria of switches and crossing with moveable parts in respect of the interface

45.060.01**Raudtee veerem üldiselt**

Railway rolling stock in general

KAVANDITE**ARVAMUSKÜSITLUS**

prEVS 54487

Tähtaeg: 2003-02-01

Identne prEN 13597:2002

Railway applications - Rubber suspension components - Rubber diaphragms for pneumatic suspension springs

This standard defines :- characteristics that suspension diaphragms shall achieve, together with applicable inspection and test methods to be carried out for verification ; - approval procedure to be implemented by the customer ; - guidelines for qualification of the product with specified requirements ; - quality monitoring of diaphragms in manufacture ; - supply requirements

prEVS 54596

Tähtaeg: 2003-02-01

Identne prEN 14535-1:2002

Railway applications - Brake discs for railway rolling stock - Part 1: Brake discs pressed or shrunk onto the axle or drive shaft, dimensions and quality requirements

This European Standard applies to discs secured at the axle or drive-shaft of railway rolling stock by a cylindrical or conic tapered interference fit. For each discrete unit so fitted, one or more disc brake rings, each having two axially separated friction faces, may be deployed

prEVS 54643

Tähtaeg: 2003-02-01

Identne prEN 13452-1:2002

Railway applications - Braking - Mass transit brake systems - Part 1: Performance requirements

This European Standard specifies minimum and maximum limiting requirements for braking systems and performance. The Transport Authority defines the particular parameters where required in this European Standard and specifies any additional braking requirements to the vehicle builder/braking system supplier

prEVS 54662

Tähtaeg: 2003-02-01

Identne prEN 13452-2:2002

Railway applications - Braking - Mass transit brake systems - Part 2: Methods of test

This European Standard specifies test requirements for the braking of vehicles for urban transport systems, running on steel or rubber tyred wheels and guided by steel rails or other equivalent means

prEVS 54781

Tähtaeg: 2003-02-01

Identne prEN 12094-1:2002

Railway applications - Aerodynamics - Part 1: Symbols and units

This European Standard applies to aerodynamics for railway applications. It defines symbols and units used in formulae and calculations in the field of aerodynamics. The definitions given in this European Standard explain the symbols and classify the units

prEVS 54782

Tähtaeg: 2003-02-01

Identne prEN 14067-2:2002

Railway applications - Aerodynamics - Part 2: Aerodynamics on open track

This European Standard describes physical phenomena of railway-specific aerodynamics and gives recommendations for the documentation of tests
prEVS 54783

Tähtaeg: 2003-02-01

Identne prEN 14067-3:2002

Railway applications - Aerodynamics - Part 3: Aerodynamics in tunnels

This European Standard describes physical phenomena of railway-specific aerodynamics and gives recommendations for the documentation of tests
prEVS 54869

Tähtaeg: 2003-01-01

Identne EN 50306-1:2002

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 1: General requirements

EN 50306-1 specifies the general requirements applicable to the cables given EN 50306-2, EN 50306-3 and EN 50306-4. It includes the detailed requirements for S1 and S2 sheathing materials and other components called up in the separate Parts.

prEVS 54870

Tähtaeg: 2003-01-01

Identne EN 50306-2:2002

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 2: Single core cables

EN 50306-2 specifies requirements for, and constructions and dimensions of, single core cables, rated 300 V to earth, of the following type: Unscreened (0,5 mm 2 to 2,5 mm 2 single core) All cables have stranded tinned copper conductors and thin wall thickness, halogen-free insulation. They are for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered. The requirements provide for a continuous operational life at 105 °C, and a maximum temperature for short-circuit conditions of 160 °C based on a duration of 5 seconds.

prEVS 54871

Tähtaeg: 2003-01-01

Identne EN 50306-3:2002

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 3: Single core and multicore cables (pairs, triples and quads) screened and thin wall sheathed

EN 50306-3 specifies requirements for, and constructions and dimensions of, multicore cables, rated 300 V to earth, of the following type: Screened (0,5 mm 2 to 2,5 mm 2, number of cores from 1 to 4) All cables have stranded tinned copper conductors, and thin wall thickness, halogen-free, insulation and sheath. They are for use in railway rolling stock as fixed wiring, or wiring where limited flexing in operation is encountered. The requirements provide for a continuous operational life at temperatures of 90 °C or 105 °C dependent upon the sheath system type.

prEVS 54872

Tähtaeg: 2003-01-01

Identne EN 50306-4:2002

Railway applications - Railway rolling stock cables having special fire performance - Thin wall - Part 4: Multicore and multipair cables standard wall sheathed

EN 50306-4 specifies requirements for, and constructions and dimensions of, multicore and multipair cables rated 300 V to earth, of the following types: - unscreened, sheathed for either exposed or protected wiring (0,5 mm 2 to 2,5 mm 2, number of cores from 2 to 48); - screened, sheathed for either exposed or protected wiring (0,5 mm 2 to 2,5 mm 2, number of cores from 2 to 8); - screened, sheathed for either exposed or protected wiring (0,5 mm 2 to 1,5 mm 2, number of pairs of cores from 2 to 7).

45.080

Rööpad ja raudteeosad

Rails and railway components

KAVANDITE ARVAMUSKÜSITLUS

prEVS 37467

Tähtaeg: 2003-02-01

Identne prEN 13232-1:2002

Railway applications - Track - Switches and crossings - Part 1: Definitions

This European Standard provides an accepted "terminology" for switch and crossing work. With the assistance of diagrams, the various components are given definitions, and these specific names are regarded as obligatory. The definitions cover the constituent parts and design geometry of switch and crossing work, and include the movement of switches. Additional terminology of a more specific nature will be defined in the relevant part of the series
prEVS 37470

Tähtaeg: 2003-02-01

Identne prEN 13232-2:2002

Railway applications - Track - Switches and crossings - Part 2: Requirements for geometric design

This part of this European Standard covers the following subjects: - geometric design principles for wheel guidance;- definition of basic limits of supply;- applied forces and their adequate support;- tolerance levels. These are illustrated herein by application to a turnout. The main switch and crossing components are represented in turnouts and the principles used in turnouts apply equally to more complex layouts
prEVS 37475

Tähtaeg: 2003-02-01

Identne prEN 13232-3:2002

Railway applications - Track - Switches and crossings - Part 3: Requirements for wheel/rail interaction

This part of this European Standard specifies:- characterisation of wheel and track dimensions;- geometric design principles for wheel guidance;- design principles for wheel load transfer;- deciding whether movable crossings are needed. These are illustrated by their application to turnout components:- switches;- crossings; - check rails. But the principles apply equally to more complex layouts

prEVS 54971

Tähtaeg: 2003-02-01

Identne prEN 13232-5:2002

Railway applications - Track - Switches and crossings - Part 5: Switches

The scope of this part is:- to establish a working definition for switches and their constituent parts and identify the main types ; - to list the minimum informative requirements for the manufacture of the switches and/or constituent parts ; - to formulate codes of practice for inspection and tolerances of both full and half sets of switches and their constituent parts ; - to establish the limits and scope of supply ; - to list the methods by which switches and their parts should be identified and traced ; - to list the different and varying ways by which switches can be described using the following parameters :- geometry of the switches ; - types of construction ; - performance requirements ; - design criteria ; - tolerances and inspection

prEVS 54972

Tähtaeg: 2003-02-01

Identne prEN 13232-6:2002

Railway applications - Track - Switches and crossings - Part 6: Fixed common and obtuse crossings

The scope of this part is:- to establish a working terminology for fixed crossings and their constituent parts, and identify the main types ; - to list the different and varying ways by which crossings can be described using the following parameters :- geometry of the crossing ; - types of construction ; - design criteria ; - manufacturing processes ; - tolerances and Inspection

47.020.70

Navigatsiooni- ja juhtimiseadmed

Navigation and control equipment

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 54852

Tähtaeg: 2003-01-01

Identne IEC 61162-401:2001

ja identne EN 61162-401:2002

Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 401: Multiple talkers and multiple listeners Ship systems interconnection - Application profile

Describes the application profile of the communication protocol which is the basis for the communication system. Relies on the realization of layers 1 to 4 (the T-profile) as described in part 410.

prEVS 54853

Tähtaeg: 2003-01-01

Identne IEC 61162-420:2001

ja identne EN 61162-420:2002

Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 420: Multiple talkers and multiple listeners Ship systems interconnection Companion standard requirements and basic companion standards

Specifies the requirement for and basic components of the IEC 61162-4 series companion standards. These components are referred to as a) PCS (PISCES companion standards); b) PCSDL (PCS description language); c) function block description; d) PFS (PISCES foundation specifications).

prEVS 54858

Tähtaeg: 2003-01-01

Identne IEC 61993-2:2001

ja identne EN 61993-2:2002

Maritime navigation and radiocommunication equipment and systems - Automatic identification systems (AIS) Part 2: Class A shipborne automatic identification system (AIS) - Operational and performance requirements, methods of test and required test results

Specifies the minimum operational and performance requirements, methods of testing and required test results conforming to performance standards adopted by the IMO in resolution MSC.74(69), Annex 3, Universal Shipborne Automatic Identification System. Incorporates the technical characteristics of Class A shipborne equipment included in Recommendation ITU-R M1371-1 and takes into account the ITU Radio Regulations where applicable.

prEVS 54863

Tähtaeg: 2003-01-01

Identne IEC 61162-410:2001

ja identne EN 61162-410:2002

Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 410: Multiple talkers and multiple listeners Ship systems interconnection Transport profile requirements and basic transport profile

Defines the general requirements of the T-profile and three implementations of the T-profile over the Internet V4 (IPV4) protocol suite.

47.020.90

Laevade ventilatsiooni-, kliima- ja küttesüsteemid

Marine ventilation, air-conditioning and heating systems

UUED STANDARDID

EVS-EN ISO 9875:2002

Hind 83,00

Identne ISO 9785:2002

ja identne EN ISO 9785:2002

Ships and marine technology - Ventilation of cargo spaces where vehicles with internal combustion engines are driven - Calculation of theoretical total airflow required

This International Standard specifies methods of calculating the theoretical quantity of outdoor air required in cargo spaces of ships where vehicles with international combustion engines are driven, in order to dilute the polluted air to within the permitted occupational exposure limits

47.080

Väikelaevad

Small craft

UUED STANDARDID

EVS-EN ISO 12216:2002

Hind 229,00

Identne ISO 12216:1994

ja identne EN ISO 12216:2002

Small craft - Windows, portlights, hatches, dead-lights and doors - Strength requirements

This International Standard specifies technical requirements for windows, hatches, portlights, deadlights and doors, taking into account the type and the location of the appliance and design category

KAVANDITE ARVAMUSKÜSITLUS

prEVS 55034

Tähtaeg: 2003-02-01

Identne ISO 16147:2002

ja identne EN ISO 16147:2002

Small craft - Inboard diesel engines - Engine-mounted fuel and electrical components

This International Standard establishes requirements for the design and installation of engine-mounted fuel and electrical components on diesel inboard-mounted engines for minimizing fuel leakage and the risk of and/or the spread of fire on small craft of hull length up to 24 m

prEVS 55035

Tähtaeg: 2003-02-01

Identne ISO 9093-2:2002

ja identne EN ISO 9093-2:2002

Small craft - Seacocks and through-hull fittings - Part 2: Non-metallic

This part of ISO 9093 specifies requirements for the manufacture and installation of non-metallic through-hull fittings and/or assemblies comprising through-hull fittings, seacocks, hose fittings and/or drain plugs and components attached thereto, used in small craft of up to 24 m length of hull

49

LENNUNDUS JA KOSMOSETEHNIKA

AIRCRAFT AND SPACE VEHICLE ENGINEERING

KAVANDITE ARVAMUSKÜSITLUS

prEVS 30087

Tähtaeg: 2003-02-01

Identne prEN14587-1:2002

Railway applications - Track - Flash butt welding of rails - Part 1: New 220 and 260 Grade Rails in a fixed plant

This European Standard specifies requirements for the approval of a welding process in a fixed plant, together with the requirements for subsequent welding production. It applies to new Vignole 220 and 260 grade rails of 46 kg/m and above, as contained in pr EN 13674-1, welded by a flash butt welding process in a fixed plant and intended for use on railway infrastructures. This European

Standard applies to the welding of rails into welded strings

49.020

Lennundus ja kosmosetehnika üldküsimumed

Aircraft and space vehicles in
general

KAVANDITE ARVAMUSKÜSITLUS

prEVS 29893

Tähtaeg: 2003-02-01

Identne prEN 9100:2002

Aerospace series - Quality management systems - Requirements (based on ISO 9001:2000) and Quality systems - Model for quality assurance in design, development, production, installation and servicing (based on ISO 9001:1994)

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

49.060

Õhu- ja kosmosesõidukite elektriseadmed ja - süsteemid

Aerospace electric
equipment and systems

UUED STANDARDID

EVS-EN 2591-603:2002

Hind 57,00

Identne EN 2591-603:2002

Aerospace series - Elements of electrical and optical connection; Test methods - Part 703: Electrical elements; Common mode rejection of couplers

This standard specifies a method of measuring common mode rejection of couplers

EVS-EN 2591-605:2002

Hind 66,00

Identne EN 2591-605:2002

Aerospace series - Elements of electrical and optical connection - Test methods - Part 605: Optical elements; Return loss

This standard specifies a method of measuring the return loss of optical connection elements (including permanent connections) and fibre optic couplers. It shall be used together with EN 2591-100

EVS-EN 3475-413:2002

Hind 57,00

Identne EN 3475-413:2002

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 413: Wrap back test

This standard specifies a method for detecting cracking, porosity and bad adhesion of the various layers of PTFE insulation tape on a finished cable.

EVS-EN 3475-509:2002

Hind 66,00

Identne EN 3475-509:2002

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 509: Solderability

This standard specifies a method of assending the solderability of conductors and screens or strands taken from them.

EVS-EN 3475-807:2002

Hind 66,00

Identne EN 3475-807:2002

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 807: Transfer impedance

This standard specifies a method for the visual inspection of optical fibres and optical cables. It shall be used together with EN 3745-100.

EVS-EN 3475-808:2002

Hind 57,00

Identne EN 3475-808:2002

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 808: Cross-talk

This standard specifies methods for measuring the cross-talk of a cable (multicore cables). It shall be used together with EN 3475-100.

EVS-EN 3745-205:2002

Hind 57,00

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.

EVS-EN 3745-301:2002

Hind 57,00

Identne EN 3745-301:2002

Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 301: Attenuation

This standard specifies procedures for the practical measurement of the attenuation and variation in attenuation of optical fibre or optical cable (both hereafter referred to as fibre). Methods A and B are intended for fibre acceptance testing and shall be performed on fibre lengths greater than 1 km. Method C is intended for attenuation measurement required during environmental and mechanical testing and shall be performed on fibre lengths less than 100 m.

EVS-EN 3745-302:2002

Hind 66,00

Identne EN 3745-302:2002

Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 302: Numerical aperture

This standard specifies a method of determining the effective numerical aperture of an optical cable or fibre used in aerospace applications.

EVS-EN 3745-305:2002

Hind 66,00

Identne EN 3745-305:2002

Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 305: Immunity to ambient light coupling

This standard specifies a method of measuring the immunity of optical fibre or cable to the coupling of power coming from an external light source.

EVS-EN 3745-504:2002

Hind 66,00

Identne EN 3745-504:2002

Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 504: Micro bending test

This standard specifies a method for determining the ability of an optical fibre or fibre optic cable to withstand microbending. It shall be used together with EN 3745-100.

EVS-EN 3745-507:2002

Hind 66,00

Identne EN 3745-507:2002

Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 507: Cut-through

This standard specifies a method of testing the resistance of an optical cable to the penetration of a cutting surface, for aerospace applications.

EVS-EN 3745-508:2002

Hind 57,00

Identne EN 3745-508:2002

Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 508: Torsion

This standard specifies a method of checking the resistance to damage under torsion of an optical cable for aerospace applications.

EVS-EN 3745-509:2002

Hind 57,00

Identne EN 3745-509:2002

Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 509: Kink test

This standard specifies a method of testing the resistance of an optical cable to the kink test, for aerospace applications.

EVS-EN 3745-510:2002

Hind 57,00

Identne EN 3745-510:2002

Aerospace series - Fibres and cables, optical, aircraft use Test methods - Part 510: Bending test

This standard specifies a method of checking the ability of an optical cable to bending test on a mandrel for aerospace application.

EVS-EN 3745-511:2002

Hind 57,00

Identne EN 3745-511:2002

Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 511: Cable to cable abrasion

This standard specifies a method of measuring the resistance of an optical cable to abrasion between cables.

EVS-EN 3745-701:2002

Hind 57,00

Identne EN 3745-701:2002

Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 701: Strippability

This standard specifies a method of measuring the mechanical strippability of an optical fibre or cable.

49.080

Õhu- ja kosmosesõidukite hüdroüsteemid ja nende koostisosad

Aerospace fluid systems and components

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53769

Tähtaeg: 2003-02-01

Identne prEN 3855:2002

Aerospace series - Pipe couplings, 60°, spherical in titanium alloy TI-P64001 - Caps

This standard specifies the characteristics of caps for pipe couplings, 60°, spherical, in TI-P64001, for aerospace applications

49.100

Maapealse teeninduse ja hoolduse seadmed

Ground service and maintenance equipment

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 32756

Tähtaeg: 2003-02-01

Identne prEN 12312-3:2002

Aircraft ground support equipment - Specific requirements - Part 3: Conveyor belt vehicles

This European Standard specifies the technical requirements to minimize the hazards listed in clause 4 which can arise during the commissioning, operation and maintenance of conveyor belt vehicles when carried out in accordance with the specifications given by the manufacturer or his authorized representative. It also takes into account some requirements recognized as essential by authorities, aircraft and GSE manufacturers as well as airlines and handling agencies

prEVS 32758

Tähtaeg: 2003-02-01

Identne prEN 12312-4:2002

Aircraft ground support equipment - Specific requirements - Part 4: Passenger boarding bridges

This European Standard specifies the technical requirements to minimize the hazards listed in clause 4 which can arise during the commissioning, operation and maintenance of PBB's when carried out in accordance with the specifications given by the manufacturer or his authorized representative. It also takes into account some requirements recognized as essential by authorities, aircraft and GSE manufacturers as well as air-lines and handling agencies

49.140

Kosmosesüsteemid ja nende kasutamine

Space systems and operations

KAVANDITE ARVAMUSKÜSITLUS

prEVS 55038

Tähtaeg: 2003-02-01

Identne ISO/DIS 21351:2002

ja identne prEN ISO 21351:2002

Space systems - Functional and technical specifications

This European Standard provides guidelines for developing functional and technical specifications for a space system. It defines requirements for the format and the content of the functional and technical specifications. This European Standard is applicable to all types of space systems, projects and products

53.040

Pidevtoimega teisaldusseadmed. Konveierid

Continuous handling equipment. Conveyors

KAVANDITE ARVAMUSKÜSITLUS

prEVS 19063

Tähtaeg: 2003-02-01

Identne prEN 12001:2002

Conveying, spraying and placing machines for concrete and mortar - Safety requirements

1.1 This standard specifies the safety requirements for:- conveying machines;- spraying machines;- placing machines for concrete and mortar or their components. The machinery can be stationary or mobile. This standard covers the machines described in 3.3 to 3.9

53.060

Tööstuslikud mootorkärud

Industrial trucks

KAVANDITE ARVAMUSKÜSITLUS

prEVS 32390

Tähtaeg: 2003-02-01

Identne prEN 1757-4:2002

Safety of industrial trucks - Pedestrian propelled trucks - Part 4: Scissor lift pallet-trucks

This standard applies to pedestrian propelled industrial scissor lift pallet trucks as defined in 3.1 with lift heights up to 1,000 mm and rated capacities up to and including 1,000 kg hereinafter referred to as "trucks". On board battery chargers are part of the truck

prEVS 55016

Tähtaeg: 2003-02-01

Identne EN 1726-

1:1998/prA1:2002

Safety of Industrial trucks - Self-propelled trucks up to and including 10 000 kg capacity and industrial tractors with a drawbar pull up to and including 20 000 N - Part 1: General requirements

This Standard applies to self-propelled industrial trucks including masted rough terrain trucks.

53.100

Mullatöömasinad

Earth-moving machinery

KAVANDITE ARVAMUSKÜSITLUS

prEVS 55017

Tähtaeg: 2003-02-01

Identne EN 996:1995/prA2:2002

Vaiarammimisseadmed.

Ohutusnõuded

This European Standard specifies safety requirements for piling equipment suitable for the following purposes: a) construction of foundations, slurry walls or retaining walls, using piles or other longitudinal elements b) removal of piles, c) installation of drain or

injection elements. The pile material can be timber, concrete (precast or cast in situ) or steel (tubes or rolled sections). Additionally piles may have an interlocking feature to enable adjacent piles to be joined together

55.020

Pakenduse üldküsimumused

Packaging and distribution of goods in general

KAVANDITE ARVAMUSKÜSITLUS

prEVS 34598

Tähtaeg: 2003-02-01

Identne prEN 13010:2002

Packaging - Unit packaging - Dimensions and requirements for pegboard display

This standard lays down the requirements and the dimensions of the slot for pegboard display of unit packagings

prEVS 54498

Tähtaeg: 2003-02-01

Identne prEN 14048:2002

Packaging - Determination of the ultimate aerobic biodegradability of packaging materials in an aqueous medium - Method by measuring the oxygen demand in a closed respirometer

This standard specifies a method to evaluate the ultimate biodegradability of packaging materials and its constituents by measurement of O₂-consumption

prEVS 54499

Tähtaeg: 2003-02-01

Identne prEN 14047:2002

Packaging - Determination of the ultimate aerobic biodegradability of packaging materials in an aqueous medium - Method by analysis of evolved carbon dioxide

This standard specifies a method to evaluate the ultimate biodegradability of packaging materials and its constituents by measurement of CO₂ evolution

prEVS 54510

Tähtaeg: 2003-02-01

Identne ISO/DIS 13428:2002

ja identne prEN ISO 13428:2002

Geosynthetics - Determination of the protection efficiency of a geosynthetic against impact damage

This standard describes an index test for the determination of the protection efficiency of a geosynthetic under the impact load of a hemispherical object. The index test measures the damage to a thin lead plate laying between the geosynthetic and a rigid support. It can be converted into a performance test by using the real surface to protect and the real sequence of geosynthetics

55.040

Pakkematerjalid

Packaging materials and accessories

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54645

Tähtaeg: 2003-02-01

Identne prEN 14045:2002

Packaging - Evaluation of the disintegration of packaging materials in practical oriented tests under defined composting conditions

This European Standard is used to evaluate the disintegration of packaging materials in a pilot-scale aerobic composting test under defined conditions. Other methods should be used to measure the biodegradability of the packaging materials. Packaging materials are mixed with biowaste and spontaneously composted for 12 weeks in practical oriented composting conditions

prEVS 54647

Tähtaeg: 2003-02-01

Identne prEN 14046:2002

Packaging - Evaluation of the ultimate aerobic biodegradability and disintegration of packaging materials under controlled composting conditions - Method by analysis of released carbon dioxide

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

55.060

Äärikpooled. Koonuspoolid

Spools. Bobbins

KAVANDITE ARVAMUSKÜSITLUS

prEVS 27491

Tähtaeg: 2003-01-01

Identne IEC 60286-1:1997

ja identne EN 60286-1:1998

Packaging of components for automatic handling - Part 1: Tape packaging of components with axial leads on continuous tapes

This standard applies to the tape packaging of components with axial leads for use in electronic equipment. In general, the tape is applied to the component leads. It covers requirements for taping techniques used with equipment for the performing of leads, automatic handling, insertion and other operations, and includes only those dimensions which are essential to the taping of components intended for the above-mentioned purposes.

prEVS 27497

Tähtaeg: 2003-01-01

Identne IEC 60286-2:1997

ja identne EN 60286-2:1998

Packaging of components for automatic handling - Part 2: Tape packaging of components with unidirectional leads on continuous tapes

This standard applies to the tape packaging of components with two or more unidirectional leads for use in electronic equipment. In general, the tape is applied to the component leads. It covers requirements for taping techniques used with equipment for automatic handling, performing of leads, insertion and other operations and includes only those dimensions which are essential to the taping of components intended for the above-mentioned purposes.

prEVS 27498

Tähtaeg: 2003-01-01

Identne IEC 60286-3:1997

ja identne EN 60286-3:1998

Packaging of components for automatic handling. Part 3: Packaging of surface mount components on continuous tapes

This Standard is applicable to the tape packaging of electronic components without leads or with lead stumps which are intended to be connected to electronic circuits. Includes only those dimensions which are essential for the taping of components intended for the above-mentioned purposes.

prEVS 30570

Tähtaeg: 2003-01-01

Identne IEC 60286-5:1995

ja identne EN 60286-5:1997

Packaging of components for automatic handling - Part 5: Matrix trays

The matrix trays are designed to facilitate the transport and handling of electronic components during their resting, baking, transport/storage, and final mounting by automatic placement equipment. This standard describes the common dimension, tolerances and characteristics of the tray. It includes only those dimensions which are essential for the handling of the trays for the stated purpose and for placing or removing components from the trays.

55.080

Kotid. Taskud

Sacks. Bags

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54488

Tähtaeg: 2003-02-01

Identne prEN 13590:2002

Packaging - Flexible carrier bags for the transport of various retail goods - General characteristics and test methods for the determination of volume and carrying capacity

This standard specifies general characteristics and test methods for determination of volume and carrying capacity of flexible carrier bags with handles for transport of various unspecified retail goods. For specific retail goods there should be an agreement between supplier and buyer about the application of this standard

prEVS 54489

Tähtaeg: 2003-02-01

Identne prEN 13592:2002

Plastics sacks for household waste collection - Types, requirements and test methods

This standard specifies the general characteristics, test methods and requirements for sacks made from plastics films, used for household waste pre-collection, household waste collection, or household selective waste collection

prEVS 54490

Tähtaeg: 2003-02-01

Identne prEN 13593:2002

Packaging - Paper sacks for household waste collection - Types, requirements and test methods

This European Standard specifies the general characteristics, types and test performance for sacks or liners made from paper, used for household waste collection

55.160

Kastid. Karbid. Korvid

Cases. Boxes. Crates

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 27499

Tähtaeg: 2003-01-01

Identne IEC 60286-4:1997

ja identne EN 60286-4:1998

Packaging of components for automatic handling - Part 4: Stick magazines for electronic components encapsulated in packages of form E and G

Stick magazines (including endstoppers) are intended to be used for storage of electronic components, for transport from the manufacturer to the customer and for in-house use in the manufacturing plant. They are also used to feed automatic placement machines for surface mounting as well as for through hole mounting of electronic components. Revision of IEC 286-4:1991.

55.180.10

Üldotstarbelised konteinerid

General purpose containers

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54475

Tähtaeg: 2003-02-01

Identne prEN 12674-3:2002

Roll containers - Part 3: Test methods

This European Standard covers the load testing of roll containers and dollies for safety, fitness for purpose and the development of new designs

55.180.20

Üldotstarbelised kaubaalused

General purpose pallets

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54577

Tähtaeg: 2003-02-01

Identne ISO/FDIS 18613:2002

ja identne prEN ISO 18613:2002

Repair of flat wooden pallets

This International Standard specifies the maximum defects and damage allowed before a flat wooden pallet shall be repaired, and defines the minimum repair criteria that shall be used. This International Standard is applicable to wooden flat pallets repaired with wood based components

prEVS 54762

Tähtaeg: 2003-02-01

Identne prEN 13626:2002

Packaging - Box pallets -

General requirements and test methods

This European Standard sets out definitions and specifies general requirements and test methods regarding the use of reusable box pallets

55.180.40

Täielikud pakkimis- ja transpordüksused

Complete, filled transport packages

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54937

Tähtaeg: 2003-02-01

Identne ISO 2875:2000

ja identne EN ISO 2875:2002

Packaging - Complete, filled transport packages and unit loads - Water-spray test

This International Standard specifies a method for testing the resistance of a complete, filled transport package or a unit load to water spray or the protection it gives to its contents from water spray

55.200

Pakkemasinad

Packaging machinery

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54593

Tähtaeg: 2003-02-01

Identne prEN 415-7:2002

Packaging machines safety - Part 7: Group and secondary packaging machines

This European Standard establishes safety requirements for group and secondary packaging machines and the collating systems that are associated with them. This group of machines is defined in detail in clause 3 of this standard, with diagrams illustrating examples of the principle of operation of each machine type

prEVS 54633

Tähtaeg: 2003-02-01

Identne prEN 415-5:2002

Packaging machines safety - Part 5: Wrapping machines

This European Standard specifies safety requirements for wrapping machines; it applies to:- wrapping machines which partially wrap products (see figures 1-4) - wrapping machines which form a complete wrap without sealing (see figures 5-7) - wrapping machines which form a complete wrap with sealing (see figures 8-14) - shrink tunnels which are connected to wrapping machines covered by this standard (see figures 15-16)

59.080

Tekstiilitööstuse tooted

Products of the textile industry

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54624

Tähtaeg: 2003-02-01

Identne prEN 14533:2002

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

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

59.080.01

Tekstiil üldiselt

Textiles in general

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54502

Tähtaeg: 2003-02-01

Identne ISO 105-X12:2001

ja identne EN ISO 105-X12:2002

Tekstiil. Värvipüsivuse
katsetamine. Osa X12:

Värvipüsivus hõrdumise
toimele

This part of ISO 105 specifies a method for determining the resistance of the colour of textiles of all kinds, including textile floor covering and other pile fabrics, to rubbing off and staining other materials

prEVS 54932

Tähtaeg: 2003-02-01

Identne ISO 105-C08:2002

ja identne EN ISO 105-C08:2002

Textiles - Tests for colour

fastness - Part C08: colour

fastness to domestic and
commercial laundering using a

non-phosphate reference
detergent incorporating a low

temperature bleach activator

This part of ISO 105 specifies methods intended for determining the resistance of the colour of textiles of all kinds and in all forms to domestic or commercial laundering procedures used for normal household articles using a reference detergent incorporating a low temperature bleach activator

prEVS 54936

Tähtaeg: 2003-02-01

Identne ISO 105-X16:2001

ja identne EN ISO 105-X16:2002

Textiles - Tests for colour

fastness - Part X16: Color

fastness to rubbing - Small

areas

This part of ISO 105 specifies a method for determining the resistance of the colour of textiles to rubbing off and staining other materials where the singling out of areas smaller than possible to test with the apparatus described in ISO 105-X12 is required

59.080.30

Kangasmaterjalid

Textile fabrics

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54492

Tähtaeg: 2003-02-01

Identne ISO/DIS 20645:2002

ja identne prEN ISO 20645:2002

Textile fabrics - Determination
of the antibacterial activity -
Agar diffusion plate test

This standard specifies a method for the determination the antibacterial activity of antimicrobial treatments applied to woven, knitted and other flat textiles. This method is applicable to testing hygienic finishes of hydrophilic, air-permeable materials. A minimum diffusion of the antimicrobial finish into the test agar is necessary with this procedure

59.080.60

Tekstiilpõrandakatted

Textile floor coverings

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54632

Tähtaeg: 2003-01-01

Identne prEN 1307:2002

Tekstiilpõrandakatted.

Karusvaipade liigitus

This European Standard specifies the requirements for classification of all wall-to-wall machine-made pile carpets (see ISO 2424), into use classes in respect of wear and appearance retention and classes for luxury rating. This standard is also applicable to pile carpet tiles, the additional requirements for which are given in annex A This standard does not apply to needled pile carpets or to rugs

59.080.70

Geotekstiil

Geotextiles

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 38894

Tähtaeg: 2003-02-01

Identne prEN 13361:2002

Geosynthetic barriers -

Characteristics required for use
in the construction of reservoirs
and dams

This European Standard specifies the relevant characteristics of geosynthetic barriers, including polymeric geosynthetic barriers, clay geosynthetic barriers and bituminous geosynthetic barriers, to be used as fluid barriers in the construction of reservoirs and dams, and the appropriate test methods to determine these characteristics

prEVS 38898

Tähtaeg: 2003-02-01

Identne prEN 13362:2002

Geosynthetic barriers -

Characteristics required for use
in the construction of canals

This European Standard specifies the relevant characteristics of geosynthetic barriers, including polymeric geosynthetic barriers, clay geosynthetic barriers and bituminous geosynthetic barriers, to be used as fluid barriers in the construction of canals, and the appropriate test methods to determine these characteristics

prEVS 39398

Tähtaeg: 2003-02-01

Identne prEN 13491:2002

Geosynthetic barriers -

Characteristics required for use
as a fluid barrier in the
construction of tunnels and
underground structures

This European Standard specifies the relevant characteristics of geosynthetic barriers, including polymeric geosynthetic barriers, clay geosynthetic barriers and bituminous geosynthetic barriers, to be used as fluid barriers in the construction of tunnels and underground structures, and the appropriate test methods to determine these characteristics

prEVS 39400

Tähtaeg: 2003-02-01

Identne prEN 13492:2002

Geosynthetic barriers -

Characteristics required for use
in the construction of liquid
waste disposal sites, transfer
stations or secondary
containment

This European Standard specifies the relevant characteristics of geosynthetic barriers, including polymeric geosynthetic barriers, clay geosynthetic barriers and bituminous geosynthetic barriers, to be used as fluid barriers in the construction of liquid waste disposal sites, and the appropriate test methods to determine these characteristics

prEVS 39402

Tähtaeg: 2003-02-01

Identne prEN 13493:2002

Geosynthetic barriers - Characteristics required for use in the construction of solid waste storage and disposal sites, and storages for hazardous solid materials

This European Standard specifies the relevant characteristics of geosynthetic barriers, including polymeric geosynthetic barriers, clay geosynthetic barriers and bituminous geosynthetic barriers, to be used as fluid barriers in the construction of solid waste storage and disposal sites, and the appropriate test methods to determine these characteristics

prEVS 54769

Tähtaeg: 2003-02-01

Identne ISO/DIS 9862:2002

ja identne prEN ISO 9862:2002

Geotekstiil ja samalaadsed tooted. Proovivõtt ja proovide ettevalmistamine

This standard establishes general principles for the sampling of geosynthetics delivered to construction sites, and for the preparation of test specimens from the samples

61.020

Rõivad

Clothes

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 54028

Tähtaeg: 2002-12-01

Identne EN 13402-1:2001

Rõivaste suurustähistus. Osa 1: Terminid, määratlused ja mõõduvõtmine (modifitseeritud ISO 3635:1981)

Standard määratleb kehamõõtmed rõivastele, määrab kindlaks menethuse keha mõõtmiseks ja esitab piktogrammide, mida tuleb kasutada rõivaetiketidel

prEVS 54032

Tähtaeg: 2002-12-01

Identne EN 13402-2:2002

Rõivaste suurustähistus. Osa 2: Suurustunnused ja abimõõtmed
Standard määrab kindlaks suurustunnused ja abimõõtmed kindlaksmääratud rõivaliikidele, mida tuleb kasutada koos standardiga EN 13402-1.

65.060.01

Põllutöömashinad, -riistad ja -seadmed üldiselt

Agricultural machines and equipment in general

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 34287

Tähtaeg: 2003-02-01

Identne prEN 12965:2002

Tractors and machinery for agriculture and forestry - Power take-off (PTO) drive shafts and their guards - Safety

This standard specifies safety requirements and their verification for the design and construction of power take-off (PTO) drive shafts and their guards linking self-propelled machinery (or tractor) to the first fixed bearing of recipient machinery, by describing methods for the elimination or reduction of risks which need specific requirements. This standard concerns only the PTO drive shafts and those guards which are mechanically linked to the PTO drive shaft by at least two bearings

65.150

Kalandus ja kalakasvatust

Fishing and fish breeding

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 21826

Tähtaeg: 2003-02-01

Identne prEN 14011:2002

Water quality - Sampling of fish with electricity

This European Standard provides procedures to be used by trained persons in evaluating fish communities in streams, rivers and littoral areas for the purpose of classification of ecological status. These procedures allow standardisation of sampling methods for descriptions of fish communities. The use of standardised methods is a critical

requirement for the comparability of results

prEVS 54524

Tähtaeg: 2003-02-01

Identne ISO/DIS 1107:2002

ja identne prEN ISO 1107:2002

Fishing nets - Netting - Basic terms and definitions

This European Standard gives the principal terms relating to netting for fishing nets, together with their definitions or, in some cases, the method of expressing dimensions

67.060

Teravili ja kaunvili ning nendest valmistatud tooted

Cereals, pulses and derived products

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 55033

Tähtaeg: 2003-02-01

Identne prEN 14185-1:2002

Non-fatty food - Determination of N-methylcarbamate residues - Part 1: HPLC-method with SPE clean-up

This European Standard specifies a high performance liquid chromatographic (HPLC) method for the determination of N-methylcarbamate pesticides in cereals, fruits and vegetables. The method has been validated by collaborative study for carbaryl, carbofuran, methiocarb, methomyl, oxamyl and propoxur parent compounds and for methiocarb sulfoxide in green peppers and apples at levels between 0,08 mg/kg and 0,9 mg/kg

67.080.01

Puuvili, köögivilid ja nende saadused üldiselt

Fruits, vegetables and derived products in general

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 55033

Tähtaeg: 2003-02-01

Identne prEN 14185-1:2002

Non-fatty food - Determination of N-methylcarbamate residues - Part 1: HPLC-method with SPE clean-up

This European Standard specifies a high performance liquid chromatographic (HPLC) method for the determination of N-methylcarbamate pesticides in cereals, fruits and vegetables. The method has been validated by collaborative study for carbaryl, carbofuran, methiocarb, methomyl, oxamyl and propoxur parent compounds and for methiocarb sulfoxide in green peppers and apples at levels between 0,08 mg/kg and 0,9 mg/kg

67.080.20

Köögivilid ja köögiviljatooted

Vegetables and derived products

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52742
Tähtaeg: 2003-01-01
Identne EVS 817:2002

Kartuli kvaliteedi määramismeetodid

Standard käsitleb toidukartuli ja varajase kartuli kvaliteedikontrolli ja määramismeetodeid. Standard ei kehti tootekartuli, tärklisekartuli ja piirituskartuli kvaliteedi kontrollimisel.

prEVS 52743
Tähtaeg: 2003-01-01
Identne EVS 818:2002

Varajane kartul

Standard kehtib varajase kartuli (*Solanum tuberosum* L.) sortide ja hübriidide kohta, mida realiseeritakse tarbijale värskena ja sätestab varajase kartuli kvaliteedi, mugulate suuruse ja pakendamise nõuded.

67.200

Toiduõlid ja -rasvad. Ölikultuuride seemned

Edible oils and fats. Oilseeds

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54630
Tähtaeg: 2003-02-01
Identne prEN 14538:2002

Fat and oil derivatives - Fatty acid methyl ester (FAME) - Determination of Ca and Mg content by optical emission spectral analysis with inductively coupled plasma (ICP OES)

This European standard describes a procedure for the direct determination of the soap building elements calcium (Ca) and magnesium (Mg) in Fatty acid methyl esters (FAME) by ICP OES at levels of about 1 mg/kg to 10 mg/kg

67.250

Toiduga kokkupuutuavad materjalid ja esemed

Materials and articles in contact with foodstuffs

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54513
Tähtaeg: 2003-02-01
Identne prEN 14524:2002
Foodstuffs - Determination of okadaic acid and dinophysis toxin in mussels - HPLC method with solid phase extraction clean-up

This European Standard specifies a method for the quantitative determination of the content of okadaic acid in mussels and mussel products. The content of okadaic acid is determined as free extractable acid of mussel hepatopancreas. Okadaic acid, a fat-soluble toxin from dinophysis algae, is a main component of dinophysis toxins. The method can also be used to determine other dinophysis toxins, e.g. dinophysis toxin 1 (DTX 1)

prEVS 54514
Tähtaeg: 2003-02-01
Identne prEN 14526:2002

Foodstuffs - Determination of saxitoxin and dc-saxitoxin in mussels - HPLC method using pre-column derivatization with peroxide or periodate oxidation
This draft European standard specifies a method for the quantitative determination of saxitoxin (STX) and decarbamoyl saxitoxin (dc-STX) in mussels. It may also be applicable in other shellfish, for example scallops. The limit of determination of this method (signal/noise = 10) is 0,006 mg/kg for saxitoxin and 0,02 mg/kg for dc-saxitoxin in mussel meat. The method has been tested for saxitoxin at levels at 0,4 mg/kg and 0,5 mg/kg and for dc-saxitoxin at levels at 0,4 mg/kg and 1,6 mg/kg

prEVS 54803
Tähtaeg: 2003-02-01

Identne prEN 14569:2002
Foodstuffs - Microbiological screening for irradiated food using LAL/GNB procedures
This European Standard specifies a microbiological screening method comprising two procedures, which are carried out in parallel. It permits the identification of an unusual microbiological profile in poultry meat. The presence of a large excess population of dead micro-organisms can under certain circumstances be presumptive of irradiation treatment, which means, that the results of the LAL/GNB procedure are not radiation specific

prEVS 54804
Tähtaeg: 2003-02-01
Identne prEN 14573:2002
Foodstuffs - Determination of 3-monochloropropane-1,2-diol by GC/MS

This draft European Standard specifies a gas chromatographic method using mass spectrometric detection for the determination of 3-monochloropropane-1,2-diol (3-MCPD) in hydrolysed vegetable proteins. The method has been validated in interlaboratory studies for malt extract, soup powder, bread crumbs, salami sausage, cheese alternative and hydrolysed vegetable protein [1], [2]

67.260

Toiduainetööstuse ettevõtted ja seadmed

Plants and equipment for the food industry

KAVANDITE ARVAMUSKÜSITLUS

prEVS 19255
Tähtaeg: 2003-02-01
Identne prEN 12355:2002

Food processing machinery - Derinding-, skinning- and membrane removal machines - Safety and hygiene requirements

This European standard applies to design, manufacturing, installation, transportation, electrical equipment and cleaning of derinding, skinning, and membrane removal machines (see figures 1 to 5). The machines described in this standard are used for derinding, skinning and membrane removal of meat and fish by cutting at a blade device
prEVS 24492

Tähtaeg: 2003-02-01

Identne prEN 12854:2002

**Food processing machinery -
Beam mixers - Safety and
hygiene requirements**

This European standard specifies the safety and hygiene

requirements for the design and manufacture of beam mixers.

Beam mixers are used in the catering industry for the preparation of mixture or emulsion, directly in the cooking pan, such as for : puree, mayonnaise, sauces, soups, compotes

prEVS 28170

Tähtaeg: 2003-02-01

Identne prEN 12267:2002

**Food processing machinery -
Circular saw machines - Safety
and hygiene requirements**

This European Standard specifies requirements for the design and manufacturing of circular saw machines (see Figures 1 and 2).

The machines covered by this European Standard are used to cut bone and meat

prEVS 28176

Tähtaeg: 2003-02-01

Identne prEN 12268:2002

**Food processing machinery -
Band saw machines - Safety and
hygiene requirements**

This European Standard specifies requirements for the design and manufacturing of band saw machines (see Figures 1 to 5). The machines covered by this

European Standard are used to cut bone and meat

prEVS 54522

Tähtaeg: 2003-02-01

Identne prEN 13851:2002

**Liquid pumps - Safety
requirements - Agrifoodstuffs
equipment ; Design rules to
ensure hygiene in use**

This standard is concerned with the special technical safety requirements for liquid pumps and pump units operating with

agrifoodstuffs. It augments EN 809 and contains a list of the additional significant hazards

which can arise from the pump and pump units used with substances intended for human and domestic animal consumption

71.040

Analüütiline keemia

Analytical chemistry

UUED STANDARDID

EVS-EN 1744-1:2002

Hind 212,00

Identne EN 1744-1:1998

**Täitematerjalide keemiliste
omaduste katsetamine. Osa 1:
Keemiline analüüs**

Käesolev 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.

71.040.10

**Keemialaborid.
Laboriseadmed**

**Chemical laboratories.
Laboratory equipment**

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 54764

Tähtaeg: 2003-02-01

Identne prEN 14056:2002

**Laboratory furniture -
Recommendations for design
and installation**

This European Standard gives recommendations for the installation and design of laboratory benches, storage units and services and their connections and fittings. The recommendations may be used by all parties involved in the design, manufacture, installation and use of a new laboratory or in the refitting of an old laboratory

71.040.20

Laborinõud ja -aparaadid

**Laboratory ware and related
apparatus**

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 54676

Tähtaeg: 2003-02-01

Identne ISO 8655-1:2002

ja identne EN ISO 8655-1:2002

**Piston-operated volumetric
apparatus - Part 1: Terminology,
general requirements and user
recommendations**

This part of ISO 8655 specifies the general requirements for piston-operated volumetric apparatus. It is applicable to piston pipettes, piston burettes, dilutors and dispensers. It furthermore defines terms for the use of piston-operated volumetric apparatus and gives user recommendations

prEVS 54678

Tähtaeg: 2003-02-01

Identne ISO 8655-2:2002

ja identne EN ISO 8655-2:2002

**Piston-operated volumetric
apparatus - Part 2: Piston
pipettes**

This part of ISO 8655 specifies - metrological requirements, - maximum permissible errors, - requirements for marking and - information to be provided for users, for air-displacement and positive-displacement single-channel and multi-channel piston pipettes

prEVS 54686

Tähtaeg: 2003-02-01

Identne ISO 8655-4:2002

ja identne EN ISO 8655-4:2002

**Piston-operated volumetric
apparatus - Part 4: Dilutors**

This part of ISO 8655 specifies - metrological requirements, - maximum permissible errors, - requirements for marking and - information to be provided for users, for dilutors with a sample uptake capacity from 5 µl to 100 ml. They are designed to deliver the sample and diluent together in measured proportion and measured volume

prEVS 54690

Tähtaeg: 2003-02-01

Identne ISO 8655-5:2002

ja identne EN ISO 8655-5:2002

**Piston-operated volumetric
apparatus - Part 5: Dispensers**

This part of ISO 8655 specifies - metrological requirements, - maximum permissible errors, - requirements for marking and - information to be provided for users for dispensers. It is applicable to dispensers volumes from 1 µl up to 200 ml, designed to deliver their volume (Ex)

prEVS 54692

Tähtaeg: 2003-02-01

Identne ISO 8655-6:2002

ja identne EN ISO 8655-6:2002

Piston-operated volumetric apparatus - Part 6: Gravimetric methods for the determination of measurement error

This part of ISO 8655 specifies the reference method for conformity testing of piston-operated volumetric apparatus, whereby errors of measurement are determined gravimetrically. The tests are applicable to complete system comprising the basic apparatus and all parts selected for use with the apparatus, disposable or reusable, involved in the measurement by uptake (In) or delivery (Ex) process

71.100.30

Lõhkeained. Pürotehnika

Explosives. Pyrotechnics

UUED STANDARDID

EVS-EN 13857-3:2002

Hind 92,00

Identne EN 13857-3:2002

Explosives for civil uses - Part 3: Information to be provided by the manufacturer or his authorised representative to the user

This European Standard specifies information to be provided by a manufacturer of explosives for civil uses, or his authorised representative, to the user.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54742

Tähtaeg: 2003-02-01

Identne prEN 14035-35:2002

Fireworks - Part 35: Throwdowns - Specification and test methods

This European Standard specifies requirements for the construction, performance, primary packaging and labelling of throwdowns and the corresponding test methods. It is applicable to fireworks which are classified as throwdowns in category 1 in prEN 14035-2 which contain pyrotechnic report composition that is silver fulminate and which are contained in a primary pack

prEVS 54744

Tähtaeg: 2003-02-01

Identne prEN 14035-32:2002

Fireworks - Part 32: Snaps - Specification and test methods

This European Standard specifies requirements for the construction, performance, packaging and labelling of snaps and the corresponding test methods. It is applicable to fireworks which are classified as snaps in category 1 in prEN 14035-2 which are contained in a primary pack or selection pack and/or used as semi-finished products in Christmas crackers

prEVS 54745

Tähtaeg: 2003-02-01

Identne prEN 14035-10:2002

Fireworks - Part 10: Double banger - Specification and test methods

This European Standard specifies requirements for the construction, performance, packaging and labelling of double bangers and the corresponding test methods. It is applicable to fireworks which are classified as double bangers in category 2 in prEN 14035-2. It is applicable to double bangers which contain pyrotechnic report composition that is black powder

prEVS 54746

Tähtaeg: 2003-02-01

Identne prEN 14035-16:2002

Fireworks - Part 16: Friction-ignited flash bangers - Specification and test methods

This European Standard specifies requirements for the construction, performance, packaging and labelling of friction-ignited flash bangers and the corresponding test methods. It is applicable to fireworks which are classified as friction-ignited flash bangers in categories 2 and 3 in prEN 14035-2 which contain pyrotechnic report composition that is nitrate/metal-based or perchlorate/metal-based and which are contained in a primary pack or selection pack

prEVS 54748

Tähtaeg: 2003-02-01

Identne prEN 14035-9:2002

Fireworks - Part 9: Crackling granules - Specification and test methods

This European Standard specifies requirements for the construction, performance, packaging and labelling of crackling granules and the corresponding test methods. It is applicable to fireworks which are classified as crackling granules in categories 1 and 2 in prEN 14035-2

prEVS 54749

Tähtaeg: 2003-02-01

Identne prEN 14035-20:2002

Fireworks - Part 20: Jumping crackers - Specification and test methods

This European Standard specifies requirements for the construction, performance, packaging and labelling of jumping crackers and the corresponding test methods. It is applicable to fireworks which are classified as jumping crackers in category 2 in prEN 14035-2 which contain pyrotechnic report composition that is black powder and which are contained in a primary pack or selection pack

prEVS 54750

Tähtaeg: 2003-02-01

Identne prEN 14035-13:2002

Fireworks - Part 13: Flash pellet - Specification and test methods

This European Standard specifies requirements for the construction, performance, packaging and labelling of flash pellets and the corresponding test methods. It is applicable to fireworks which are classified as flash pellet in categories 1 and 2 in prEN 14035-2 which are contained in a primary pack or selection pack

prEVS 54751

Tähtaeg: 2003-02-01

Identne prEN 14035-14:2002

Fireworks - Part 14: Flying squib - Specification and test methods

This European Standard specifies requirements for the construction, performance, packaging and labelling of flying squibs and the corresponding test methods. It is applicable to fireworks which are classified as flying squibs in category 2 in prEN 14035-2 which contain pyrotechnic report composition, if any, which is black powder

prEVS 54752

Tähtaeg: 2003-02-01

Identne prEN 14035-18:2002
Fireworks - Part 18: Hand-held fountains - Specification and test methods

This European Standard specifies requirements for the construction, performance, packaging and labelling of hand-held fountains and the corresponding test methods. It is applicable to fireworks which are classified as handheld fountains for outdoor use in category 1 in prEN 14035-2 prEVS 54753

Tähtaeg: 2003-02-01

Identne prEN 14035-17:2002
Fireworks - Part 17: Ground spinners - Specification and test methods

This European Standard specifies requirements for the construction, performance, packaging and labelling of ground spinners and the corresponding test methods. It is applicable to fireworks which are classified as ground spinners in categories 1 and 2 in prEN 14035-2. Category 1 ground spinners shall be contained in a primary pack or selection pack. Category 2 ground spinners shall be contained in a primary pack or selection pack if the fuse does not resist side ignition

prEVS 54757

Tähtaeg: 2003-02-01

Identne prEN 14546:2002
Foodstuffs - Determination of trace elements - Determination of total arsenic by hydride generation atomic absorption spectrometry (HGAAS) after dry ashing

This draft European Standard specifies a method for the determination of total arsenic in foodstuffs by hydride generation atomic absorption spectrometry (HGAAS) after dry ashing

prEVS 54837

Tähtaeg: 2003-02-01

Identne prEN 13631-13:2002
Explosives for civil uses - High explosives - Part 13: Determination of density

This European Standard specifies methods for determining the density of high explosives for civil uses, in cartridge or bulk form

prEVS 54838

Tähtaeg: 2003-02-01

Identne prEN 13631-14:2002
Explosives for civil uses - High explosives - Part 14: Determination of velocity of detonation

This European Standard specifies a method for determining the velocity of detonation of an explosive. The method is applicable to explosives for civil uses in cartridge or bulk form

71.100.35**Kemikaalid tööstuslikuks ja koduseks desinfectiooniks**

Chemicals for industrial and domestic disinfection purposes

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54754

Tähtaeg: 2003-02-01

Identne prEN 14561:2002
Chemical disinfectants - Quantitative carrier test for evaluation of bactericidal activity of chemical disinfectants for instruments used in medical area - Test method and requirements (phase 2/step 2)

This European Standard specifies a test method (phase 2/step 2) and requirements for the minimum bactericidal activity of chemical disinfectant products that form a homogeneous, physically stable preparation in hard water and that are used for instrument disinfection in the medical area whether these instruments are defined as medical devices or not. This includes products used for the disinfection of surgical instruments, anesthetic equipment, endoscopes etc. which are disinfected by immersion into the product

prEVS 54755

Tähtaeg: 2003-02-01

Identne prEN 14562:2002
Chemical disinfectants - Quantitative carrier test for evaluation of fungicidal activity of chemical disinfectants for instruments used in medical area - Test method and requirements (phase 2/step 2)

This European Standard specifies a test method (phase 2/step 2) and requirements for the minimum fungicidal activity of chemical disinfectant products that form a homogeneous, physically stable preparation in hard water and that are used for instrument disinfection in the medical area whether these instruments are defined as medical devices or not

prEVS 54756

Tähtaeg: 2003-02-01

Identne prEN 14563:2002
Chemical disinfectants - Quantitative carrier test for evaluation of mycobactericidal activity of chemical disinfectants for instruments used in medical area - Test method and requirements (phase 2/step 2)

This European Standard specifies a test method (phase 2/step 2) and requirements for the minimum mycobactericidal activity of chemical disinfectant products that form a homogeneous, physically stable preparation in hard water and that are used for instrument disinfection in the medical area whether these instruments are defined as medical devices or not

73.020**Mäendus**

Mining and quarrying

KAVANDITE ARVAMUSKÜSITLUS

prEVS 21832

Tähtaeg: 2003-02-01

Identne prEN 1467:2002

Natural stone - Rough blocks - Specifications

This European Standard specifies requirements for rough blocks of natural stone from which products for use in building or commemorative stones and other similar applications are made. It does not cover artificially agglomerated stony material and does not cover installation

prEVS 21833

Tähtaeg: 2003-02-01

Identne prEN 1468:2002

Natural stone - Rough slabs - Requirements

This European Standard specifies requirements for rough slabs of natural stone from which products for use in buildings or commemorative stones and other similar applications are made. It does not cover artificially agglomerated stony material and does not cover installation
prEVS 26259

Tähtaeg: 2003-02-01

Identne prEN 12059:2002

Natural Stone - Dimensional Stone Work - Specifications

This European Standard specifies requirements for stone elements prepared with □ 80 mm nominal thickness for stone work of which the main use are monuments and cubic building elements. It does not apply to masonry units. It does not concern mineral aggregates and artificially agglomerated stony material and does not apply to installation
prEVS 38906

Tähtaeg: 2003-02-01

Identne prEN 13373:2002

Natural stone test methods - Determination of geometric characteristics on units

This European standard describes methods for verifying the geometric characteristics of products of natural stone such as blocks, rough slabs finished products for cladding, flooring, stairs and modular tiles. These methods are to be applied in the case of a dispute between two parties, they are not compulsory for production control, where simplified methods can be applied provided a correlation with the methods of this standard could be demonstrated

73.100.30

Puurimis- ja väljamiseadmed

Equipment for drilling and mine excavation

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54701

Tähtaeg: 2003-01-01

Identne IEC 60576:1977

ja identne HD 371 S1:1979

Portable bore-hole logging equipment (down to 300 m); General characteristics

Applicable to equipment used for prospecting radioactive ores or minerals responding to radioactive excitation, and for underground studies.

73.100.40

Kaevandusveo- ja tõsteseadmed

Haulage and hoisting equipment

KAVANDITE ARVAMUSKÜSITLUS

prEVS 25711

Tähtaeg: 2003-02-01

Identne prEN 1889-1:2002

Machines for underground mines - Mobile machines working underground - Safety - Part 1: Rubber tyred vehicles

This European Standard specifies the safety requirements and tests for self-propelled rubber tyred vehicles (defined in clause 3) intended primarily for use in underground mining (i.e. mine vehicles) and other underground workings (e.g. tunnelling vehicles). The electrical supply voltage is limited to 1100 A.C. and 1500 D.C
prEVS 25863

Tähtaeg: 2003-02-01

Identne prEN 1889-2:2002

Machines for underground mines - Mobile machines working underground - Safety - Part 2: Rail locomotives

This European standard specifies the safety requirements and tests for rail locomotives for use in underground mining (i.e. mine locomotives) and other underground workings (e.g. tunnelling locomotives). This European standard deals with the technical requirements to minimise the hazards listed in clause 4 which can arise during the commissioning, the operation and the maintenance of locomotives when carried out in accordance with the specifications given by the manufacturer or his authorised representative

75.060

Maagaas

Natural gas

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54939

Tähtaeg: 2003-02-01

Identne ISO 11541:1997

ja identne EN ISO 11541:2002

Natural gas - Determination of water content at high pressure

Water vapour may be present in natural gas due to, for example, natural occurrence in the well production stream, the storage of gas in underground reservoirs, transmission or distribution through mains containing moisture or other reasons

75.080

Naftasaadused üldiselt

Petroleum products in general

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54855

Tähtaeg: 2003-02-01

Identne ISO 6245:2001

ja identne EN ISO 6245:2002

Naftasaadused. Tuha määramine

This International Standard specifies a method for the determination of the ash content of petroleum products, such as distillate and residual fuel oils, crude petroleum, lubricating oils, waxes and other petroleum products, in which any ash-forming constituents present are normally considered to be undesirable impurities or contaminants

75.140

Vahad, bituumsed materjalid jm naftatooted

Waxes, bituminous materials and other petroleum products

KAVANDITE ARVAMUSKÜSITLUS

prEVS 38081

Tähtaeg: 2003-02-01

Identne prEN 13301:2002

Bitumen and bituminous binders - Determination of staining tendency of bitumen

This European Standard specifies a method for the determination of the staining tendency of bitumen. The method is applicable to bitumen having a ring-and-ball softening point greater than or equal to 80 °C

prEVS 38083

Tähtaeg: 2003-02-01

Identne prEN 13302:2002
Bitumen and bituminous binders - Determination of viscosity of bitumen using a rotating spindle apparatus
This European Standard specifies a method for the determination of the dynamic viscosity of bituminous binders at a range of temperatures by means of a coaxial viscometer. The typical range of application is from 50 °C to 250 °C using a rotating spindle apparatus prEVS 38085

Tähtaeg: 2003-02-01
Identne prEN 13303:2002
Bitumen and bituminous binders - Determination of the loss in mass after heating of industrial bitumen

This European Standard specifies a method for the determination of the loss in mass of industrial bitumen after heating. The method is used to detect volatile components

75.160.20
Vedelkütused

Liquid fuels

KAVANDITE
ARVAMUSKÜSITLUS

prEVS 29693
Tähtaeg: 2003-02-01
Identne prEN 14517:2002
Liquid petroleum products - Determination of hydrocarbon types and oxygenates in petrol - Multidimensional gas chromatography method
This European Standard specifies the gas chromatographic determination of saturated, olefinic and aromatic hydrocarbons in finished petrol according to EN 228. Additionally, the benzene content, oxygenate compounds and the total oxygenate content can be determined

75.160.30
Gaaskütused

Gaseous fuels

KAVANDITE
ARVAMUSKÜSITLUS

prEVS 54763
Tähtaeg: 2003-02-01
Identne prEN 13673-1:2002

Determination of the maximum explosion pressure and the maximum rate of pressure rise of gases and vapours - Part 1: Determination of the maximum explosion pressure

The standard test method is designed to produce measurement of the explosion pressure and the maximum explosion pressure of a quiescent flammable gas/air/ inert mixture in an empty closed volume at ambient temperature and pressure. This European Standard does not consider mixtures that contain an increased content of oxygen

75.180.30
Volumetriselised seadmed ja mõõteriistad

Volumetric equipment and measurements

KAVANDITE
ARVAMUSKÜSITLUS

prEVS 54873
Tähtaeg: 2003-02-01
Identne ISO 8222:2002
ja identne EN ISO 8222:2002
Petroleum measurement systems - Calibration - Temperature corrections for use when calibrating volumetric proving tanks
This International Standard specifies multiplication factors for the correction of the volume of water transferred from a primary measure to a tank for changes arising from temperature differences during the determination of the capacity of the tank at reference temperature

75.200
Nafta, naftasaaduste ja maagaasi transpordi seadmed

Petroleum products and natural gas handling equipment

KAVANDITE
ARVAMUSKÜSITLUS

prEVS 54474
Tähtaeg: 2003-01-01
Identne prEN 13617-4:2002

Petrol filling stations - Part 4: Safety and environmental requirements for construction and performance of swivels for use on metering pumps and dispensers

This European Standard specifies safety and environmental requirements for the construction and performance of swivels to be fitted to delivery hose assemblies on metering pumps and dispensers installed at filling stations and used to dispense liquid fuels into the tanks of motor vehicles, boats and light aircraft and into portable containers at flow rates up to 200 lmin⁻¹

77.040.10
Metallide mehaaniline katsetamine

Mechanical testing of metals

KAVANDITE
ARVAMUSKÜSITLUS

prEVS 37731
Tähtaeg: 2003-02-01
Identne ISO 12737:1996
ja identne EN ISO 12737:1999
Metallic materials - Determination of plane-strain fracture toughness
This International Standard specifies the method for determining the plane-strain fracture toughness of homogeneous metallic materials using a specimen that is notched and precracked by fatigue, and subjected to slowly increasing crack displacement force prEVS 51116
Tähtaeg: 2003-02-01
Identne ISO 14577-1:2002
ja identne EN ISO 14577-1:2002
Metallic materials - Instrumented indentation test for hardness and materials parameters - Part 1: Test method

This part of ISO 14577 specifies the method of instrumented indentation test for determination of hardness and other materials parameters for the three ranges given in Table 1
prEVS 51117
Tähtaeg: 2003-02-01
Identne ISO 14577-2:2002
ja identne EN ISO 14577-2:2002

Metallic materials - Instrumented indentation test for hardness and material parameters - Part 2: Verification and calibration of testing machines

This part of ISO 14577 specifies the method of verification and calibration of testing machines for carrying out the instrumented indentation test in accordance with ISO 14577-1

prEVS 51118

Tähtaeg: 2003-02-01

Identne ISO 14577-3:2002

ja identne EN ISO 14577-3:2002

Metallic materials - Instrumented indentation test for hardness and material parameters - Part 3: Calibration of reference blocks

This part of ISO 14577 specifies a method for the calibration of blocks to be used for the indirect verification of testing machines for the instrumented indentation test, as specified in ISO 14577-2

77.040.20

Metallide mittepurustav katsetamine

Non-destructive testing of metals

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 24561

Tähtaeg: 2003-02-01

Identne prEN 12680-1:2002

Founding - Ultrasonic examination - Part 1: Steel castings for general purposes

This European Standard specifies the requirements for the ultrasonic examination of steel castings (with ferritic structure) for general purposes and the methods for determining internal discontinuities by the pulse-echo technique

prEVS 24564

Tähtaeg: 2003-02-01

Identne prEN 12681:2002

Founding - Radiographic examination

This European Standard gives specific procedures for industrial X-radiation and gamma radiography for discontinuity detection purposes, using film techniques. These procedures are applicable to castings produced by any casting process, especially for steel, cast iron, magnesium, zinc, copper, nickel, aluminium, titanium and any alloys of them

prEVS 24571

Tähtaeg: 2003-02-01

Identne prEN 12680-2:2002

Founding - Ultrasonic examination - Part 2: Steel castings for highly stressed components

This European Standard specifies the requirements for the ultrasonic examination of steel castings (with ferritic structure) for highly stressed components and the methods for determining internal discontinuities by the pulse echo technique

prEVS 54521

Tähtaeg: 2003-02-01

Identne prEN 12680-3:2002

Founding - Ultrasonic examination - Part 3: Spheroidal graphite cast iron castings

This European Standard specifies the requirements for the ultrasonic examination of spheroidal graphite cast iron castings and the methods for determining internal discontinuities by the pulse-echo technique. This European Standard does not deal with the ultrasonic examination of the nodularity of spheroidal graphite cast irons

77.040.30

Metallograafia jm katsetameetodid

Metallographic and other methods of testing

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 32255

Tähtaeg: 2003-02-01

Identne prEN 12441-4:2002

Zinc and zinc alloys - Chemical analysis - Part 4: Determination of iron in zinc alloys - Spectrophotometric method

This European Standard specifies a spectrophotometric method for the determination of iron in zinc alloys. It is applicable to the products specified in EN 1774 and EN 12844. It is suitable for the determination of iron contents (mass fractions) between 0,01 % and 0,1 %

prEVS 32257

Tähtaeg: 2003-01-01

Identne prEN 12441-6:2002

Zinc and zinc alloys - Chemical analysis - Part 6: Determination of aluminium and iron-Flame atomic absorption spectrometric method

This European Standard specifies a flame atomic absorption spectrometry method in zinc and zinc alloys for the determination of aluminium and iron. It is applicable to the products specified in EN 988, EN 1179, EN 1774, EN 12844 and prEN 13283

prEVS 55032

Tähtaeg: 2003-02-01

Identne EN 12441-

2:2001/prA1:2002

Zinc and zinc alloys - Chemical analysis - Part 2: Determination of magnesium in zinc alloys - Flame atomic absorption spectrometric method

This European Standard specifies a flame atomic absorption spectrometric method for the determination of magnesium in zinc alloys. It is applicable to the products specified in EN 1774 and EN 12844

77.040.99

Muud metallide

katsetamise meetodid

Other methods of testing of metals

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 33817

Tähtaeg: 2003-02-01

Identne ISO 2639:1982

ja identne EN ISO 2639:2002

Steels - Determination and verification of the depth of carburized and hardened cases

This International Standard defines the effective case depth, and specifies methods for the determination of this depth, in steel

77.060

Metallide korrosioon

Corrosion of metals

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 31013

Tähtaeg: 2003-02-01

Identne prEN 12499:2002

Internal cathodic protection of metallic structures

This European Standard specifies the structures, metals and surfaces which can be protected against corrosion by the application of internal cathodic protection, the electrolytic solutions and the

conditions necessary for the application of internal cathodic protection and gives guidance on the application and operation of an effective internal cathodic protection system
prEVS 54641

Tähtaeg: 2003-02-01

Identne prEN 13509:2002

Cathodic protection measurement techniques

This European Standard deals with the cathodic protection against corrosion of buried or immersed metallic structures, detailing the measuring methods to be used for assessing the effectiveness of cathodic protection as well as the measurements and measures taken to monitor cathodic protection during operation

77.080.20

Terased

Steels

UUED STANDARDID

EVS-EN ISO 13900:2002

Hind 109,00

Identne ISO 13900:1997

ja identne EN ISO 13900:2002

Steel - Determination of boron content - Curcumin spectrophotometric method after distillation

This standard specifies a method for the determination of the boron content in steel using a curcumin spectrophotometric method after distillation

77.120.60

Plii, tsink, tina ja nende sulamid

Lead, zinc, tin and their alloys

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 32255

Tähtaeg: 2003-02-01

Identne prEN 12441-4:2002

Zinc and zinc alloys - Chemical analysis - Part 4: Determination of iron in zinc alloys - Spectrophotometric method

This European Standard specifies a spectrophotometric method for the determination of iron in zinc alloys. It is applicable to the products specified in EN 1774 and EN 12844. It is suitable for the determination of iron contents

(mass fractions) between 0,01 % and 0,1 %

prEVS 32257

Tähtaeg: 2003-01-01

Identne prEN 12441-6:2002

Zinc and zinc alloys - Chemical analysis - Part 6: Determination of aluminium and iron-Flame atomic absorption spectrometric method

This European Standard specifies a flame atomic absorption spectrometry method in zinc and zinc alloys for the determination of aluminium and iron. It is applicable to the products specified in EN 988, EN 1179, EN 1774, EN 12844 and prEN 13283

prEVS 54761

Tähtaeg: 2003-02-01

Identne prEN 1179:2002

Tsink ja tsingisulamid.

Primaartsink

This European Standard specifies the classification, chemical composition, marking and other requirements for primary zinc. The grades of zinc included in the standard are those which are traded internationally. The standard does not include requirements for secondary zinc produced by remelting

prEVS 55032

Tähtaeg: 2003-02-01

Identne EN 12441-

2:2001/prA1:2002

Zinc and zinc alloys - Chemical analysis - Part 2: Determination of magnesium in zinc alloys - Flame atomic absorption spectrometric method

This European Standard specifies a flame atomic absorption spectrometric method for the determination of magnesium in zinc alloys. It is applicable to the products specified in EN 1774 and EN 12844

77.140.30

Surveotstarbelised terased

Steels for pressure purposes

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54531

Tähtaeg: 2003-02-01

Identne prEN 10028-5:2002

Flat products made of steels for pressure purposes - Part 5: Weldable fine grain steels, thermomechanically rolled

This European Standard specifies the requirements for flat products for pressure equipments made of thermomechanically rolled steels as specified in Table 1. The steels are not suitable for hot forming
prEVS 54533

Tähtaeg: 2003-02-01

Identne prEN 10028-6:2002

Flat products made of steels for pressure purposes - Part 6: Weldable fine grain steels, quenched and tempered

This European Standard specifies the requirements for flat products for pressure equipments made of quenched and tempered steels as specified in Table 1. The requirements in EN 10028-1 also apply

77.140.50

Lameterastooted ja -pooltooted

Flat steel products and semi-products

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54531

Tähtaeg: 2003-02-01

Identne prEN 10028-5:2002

Flat products made of steels for pressure purposes - Part 5: Weldable fine grain steels, thermomechanically rolled

This European Standard specifies the requirements for flat products for pressure equipments made of thermomechanically rolled steels as specified in Table 1. The steels are not suitable for hot forming
prEVS 54533

Tähtaeg: 2003-02-01

Identne prEN 10028-6:2002

Flat products made of steels for pressure purposes - Part 6: Weldable fine grain steels, quenched and tempered

This European Standard specifies the requirements for flat products for pressure equipments made of quenched and tempered steels as specified in Table 1. The requirements in EN 10028-1 also apply
prEVS 54580

prEVS 54580

Tähtaeg: 2003-02-01

Identne EN

10292:2000/prA1:2002

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

This European Standard specifies requirements for continuously hot-dip zinc (Z), zinc-alloy (ZF), zinc-aluminium alloy (ZA), aluminium-zinc alloy (AZ) and aluminium-silicon alloy (AS) coated flat products made of steels with higher yield strength for cold forming with thicknesses up to and including 3,0 mm unless otherwise agreed

prEVS 54601

Tähtaeg: 2003-02-01

Identne prEN 10163-1:2002

Delivery requirements for surface condition of hot-rolled steel plates, wide flats and sections - Part 1: General requirements

This European Standard specifies the general requirements for the surface condition of hot-rolled steel plates, wide flats and sections. It covers the requirements on the type, the permissible depth and the permissible size of the surface area affected by: - discontinuities (imperfections and defects) and - repairs by grinding and/or welding

prEVS 54603

Tähtaeg: 2003-02-01

Identne prEN 10163-2:2002

Delivery requirements for surface condition of hot-rolled steel plates, wide flats and sections - Part 2: Plate and wide flats

This Part 2 in addition to Part 1 of this European Standard specifies the delivery requirements which apply to the surface condition of hot-rolled plates and surface condition of the faces of wide flats with thicknesses of 3 mm $\leq t \leq$ 400 mm

prEVS 54607

Tähtaeg: 2003-02-01

Identne prEN 10164:2002

Steel products with improved deformation properties perpendicular to the surface of the product - Technical delivery conditions

This European Standard specifies through thickness properties and associated test methods for flat products and sections of steel

77.140.65

Terastraat, terastrossid ja ühendusketid

Steel wire, wire ropes and link chains

UUUED STANDARDID

EVS-EN 12385-1:2002

Hind 117,00

Identne EN 12385-1:2002

Steel wire ropes - Safety - Part 1: General requirements

This part of this European Standard specifies the general requirements related to safety for the manufacture and testing of steel wire ropes. It shall be used in conjunction with the appropriate part of this standard which specifies the additional or deviating requirements related to the specific rope application. The hazards covered by this part are identified in clause 4. Any additional hazards related to the specific rope application are identified in the appropriate part of this standard. Annex A gives the type testing regimes for ropes produced in series. Annex ZA gives the relationship with EU-Directives. This standard applies to ropes which have been manufactured after the date of issue of the standard.

EVS-EN 12385-5:2002

Hind 117,00

Identne EN 12385-5:2002

Steel wire ropes - Safety - Part 5: Stranded ropes for lifts

This part of this European Standard specifies the additional materials, manufacturing and testing requirements for stranded ropes for suspension, compensating and governor duties for traction drive and hydraulic lifts moving between guides to those given in part 1. It shall be used in conjunction with parts 1 and 2 of this standard. This Part of this European Standard does not establish requirements for information for use other than those given in clause 7 of part 1. Neither does it cover the requirements for ropes fitted with terminations. Minimum breaking force values for the more common classes, sizes and grades of ropes are provided in Tables 5 to 9.

EVS-EN 12385-7:2002

Hind 109,00

Identne EN 12385-7:2002

Steel wire ropes - Safety - Part 7: Locked coil ropes for mine shafts

This European Standard specifies the additional materials, manufacturing and testing requirements for full-locked coil hoist and half-locked and full-locked coil guide ropes for mine shafts to those given in Part 1. The additional hazards covered by this European Standard are identified in clause 4. For information only, typical breaking forces for both full-locked coil hoist ropes and half-locked and full-locked coil guide ropes, based on one particular combination of wire tensile strength grades in each case, are given in annex B (hoist ropes) and annex C (guide ropes) for some of the more common sizes of rope.

EVS-EN 12385-9:2002

Hind 92,00

Identne EN 12385-9:2002

Steel wire ropes - Safety - Part 9: Locked coil carrying ropes for cableway installations designed to carry persons

This European Standard specifies the additional materials, manufacturing and testing requirements to those given in Part 1 for locked coil carrying ropes for cableway installations designed to carry persons

KAVANDITE ARVAMUSKÜSITLUS

prEVS 39593

Tähtaeg: 2003-02-01

Identne EN 12385-4:2002

Steel wire ropes - Safety - Part 4: Stranded ropes for general lifting applications

This Part of this European Standard specifies the particular materials, manufacturing and testing requirements for ropes for general lifting applications. The particular hazards covered by this Part are identified in Clause 4

prEVS 54741

Tähtaeg: 2003-02-01

Identne prEN 12385-3:2002

Steel wire ropes - Safety - Part 3: Information for use and maintenance

This Part of this European Standard specifies the type of information for use and maintenance of steel wire ropes to be provided by the rope manufacturer or to be included in the manufacturer's handbook that

accompanies a machine, piece of equipment or installation of which the steel wire rope forms a part

77.140.70

Terasprofilid

Steel profiles

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54604

Tähtaeg: 2003-02-01

Identne prEN 10163-3:2002

Delivery requirements for surface condition of hot-rolled steel plates, wide flats and sections - Part 3: Sections

This Part 3 in addition to Part 1 of this European Standard specifies the delivery requirements for surface condition of sections to which the European Standards mentioned in clause 2 apply and applies to all surfaces excluding edges

77.140.80

Malm- ja terasvalu

Iron and steel castings

UUED STANDARDID

EVS-EN 10295:2002

Hind 109,00

Identne EN 10295:2002

Heat resistant steel castings

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

77.140.85

Malm- ja terassepised

Iron and steel forgings

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54455

Tähtaeg: 2003-01-01

Identne prEN 10031:2002

Semi-finished products for forging - Tolerances on dimensions shape and mass

This European Standard specifies the tolerances on dimensions, shape and mass for semi-finished products intended to undergo hot forming by forging, i.e. blooms, slabs and billets made of: - general purpose steels, in accordance with EN 10250-1 to 4;- steels for pressure purposes, in accordance with EN 10222-1 to 5. It does not cover semi-finished products intended for drop forging which are covered by EN 10243-1

77.150.10

Alumiiniumtooted

Aluminium products

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54479

Tähtaeg: 2003-02-01

Identne prEN 485-3:2002

Alumiinium ja alumiiniumsulamid. Lehed, ribad ja plaadid. Osa 3:

Kuumvaltstoodete mõõtmeterantsid ja kuju lubatud piirhälbed

This part of EN 485 specifies the tolerances on shape and dimensions for wrought aluminium and aluminium alloy sheet, strip and plate obtained by hot-rolling, for general engineering applications
prEVS 54758
Tähtaeg: 2003-02-01
Identne prEN 14121:2002
Aluminium and aluminium alloys - Aluminium sheet, strip and plate for electrotechnical applications

This European Standard specifies the technical conditions for inspection and delivery, the mechanical properties and electrical conductivity of wrought aluminium sheet, strip and plate for electrotechnical applications such as bus bars and other conductors, products requiring a certain minimum electrical conductivity
prEVS 54766
Tähtaeg: 2003-02-01
Identne prEN 12258-4:2002
Aluminium and aluminium alloys - Terms and definitions - Part 4: Residues of the aluminium industry
This European Standard contains definitions of terms which are helpful for the communication within the aluminium industry, authorities and subcontractors dealing with the shipment, recovery or disposal of residues
prEVS 54767

Tähtaeg: 2003-02-01

Identne prEN 14565:2002

Aluminium and aluminium alloys - Terms and definitions - Part 4: Residues of the aluminium industry

This European Standard specifies the characteristics for resilient floor coverings based upon synthetic thermoplastic polymers, supplied either in roll or tile form. This specification does not apply to floor coverings specified in the series EN 649 to EN 654

77.150.30

Vasktooted

Copper products

UUED STANDARDID

EVS-EN 13604:2002

Hind 117,00

Identne EN 13604:2002

Copper and copper alloys - Products of high conductivity copper for electronic tubes, semiconductor devices and vacuum applications

This European Standard specifies the composition, property requirements including electrical properties and tolerances on dimensions and form of two copper grades Cu-OFE (CW009A) and Cu-PHCE (CW022A), for electronic and semiconductor devices as well as for vacuum applications, in the form of wrought products, e.g. plate, sheet, strip, seamless tube, rod, bar, wire, profiles

79.040

Puit, saepalgid ja saepuit

Wood, sawlogs and sawn timber

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 55030

Tähtaeg: 2003-02-01

Identne prEN 336:2002

Structural timber - Sizes, permitted deviations

This standard specifies two classes of permitted deviations from target sizes for structural timber of softwood and hardwood species. It also specifies the moisture content to be used as a reference point for the measurement of sizes, and gives average values for changes in size due to changes in moisture content

79.060.99

Muud puitpaneelid

Other wood-based panels

UUED STANDARDID

EVS-EN 386:2002

Hind 117,00

Identne EN 386:2001

Liimpuit. Teostusnõuded ja põhilised tootmisnõuded

Käesolev standard määrab nõuded liimpuidu komponentidele ning miinimumtingimused liimpuidust konstruktsioonielementide valmistamiseks. Standard kehtib toodetele, mille lamellide lõplik paksus ei ületa 45 mm. Kuigi liimpuit valmistatakse enamasti okaspuidust, kehtib käesolev standard ka lehtpuidule eeldusel, et on olemas püsavalt teavet rahuldava liimliite saamiseks.

79.080

Puitpooltooted

Semi-manufactures of timber

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 54491

Tähtaeg: 2003-02-01

Identne prEN 14519:2002

Solid wood panelling and cladding - Softwood machined profiles with tongue and groove

This European standard defines the characteristics of solid wood panelling and cladding machined from the following species of softwood: spruce/fir, pine, larch, European Douglas fir and maritime pine. Products are intended for interior or exterior use

81.040.20

Ehitusklaas

Glass in building

UUED STANDARDID

EVS-EN 1096-1:2002

Hind 117,00

Identne EN 1096-1:1998

Ehitusklaas. Pinnatud klaas.

Osa 1: Määratlused ja liigitus

Käesolev standard määratleb ehituses kasutatava pinnatud klaasi näitajad, omadused ja liigituse. Vastupidavuse määramiseks rakendatavad katsemeetodid ja -moodused on esitatud selle standardi teises ja kolmandas osas. Käesolev standard kehtib tavatingimustes kasutatavate olme- ja ärihoonete klaasimiseks kasutatava pinnatud klaasi kohta. Käesolev standard ei kehti järgmiste materjalide kohta: plastkiled klaasil, peeglid ja emailklaas.

EVS-EN ISO 14438:2002

Hind 92,00

Identne ISO 14438:2001

ja identne EN ISO 14438:2002

Glass in building -

Determination of energy balance value - Calculation method

This European Standard specifies a calculation method to determine the energy balance value of glazing. This European Standard applies to transparent materials such as glass and combinations of glass used to glaze windows in buildings.

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 26119

Tähtaeg: 2003-02-01

Identne prEN 1279-1:2002

Glass in building - Insulating glass units - Part 1: Generalities, dimensional tolerances and rules for the system description

This European Standard is the product standard for insulating glass units, which defines insulating glass units, and ensures by means of the evaluation of conformity to this standard that over time:

energy savings are made because the U-value and solar factor do not change significantly; health is preserved because sound reduction and vision do not change significantly; safety is provided because mechanical resistance does not change significantly. It covers characteristics that are of importance for trade. Marking conditions are included

prEVS 54515

Tähtaeg: 2003-02-01

Identne prEN 1051-1:2002

Identne prEN 1051-1:2002

Glass in building - Glass blocks and glass pavers - Part 1: Definitions and description

This European Standard specifies form/shape, dimensional tolerances and the material characteristics of glass blocks and glass pavers for use in buildings

81.060.30

**Kõrgtehnoloogiline
keraamika**

Advanced ceramics

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 12902

Tähtaeg: 2003-02-01

Identne prEN 1159-1:2002

Advanced technical ceramics - Ceramic composites - Thermophysical properties - Part 1: Determination of thermal expansion

This Part of EN 1159 describes methods for the determination of linear thermal expansion characteristics of ceramic matrix composite materials up to 2 300 K, and is applicable to 10, 2D and nD materials. The method describes general principles of construction calibration and operation of the equipment

prEVS 12960

Tähtaeg: 2003-02-01

Identne prEN 1071-1:2002

**Advanced technical ceramics -
Methods of test for ceramic
coatings - Part 1: Determination
of coating thickness by contact
probe filometer**

This part of this European
Standard specifies a method for
the determination of the thickness
of ceramic coatings by
measurement of the step height
using a contact probe profilometer
prEVS 28370

Tähtaeg: 2003-02-01

Identne prEN 12291:2002

**Advanced technical ceramics -
Mechanical properties of
ceramic composites at high
temperature in air at
atmospheric pressure -
Determination of compression
properties**

This European Standard EN
12291 specifies the conditions for
determination of compression
properties of ceramic matrix
composite materials with
continuous fibre reinforcement for
temperatures up to 1 700 °C in air
at atmospheric pressure
prEVS 34863

Tähtaeg: 2003-02-01

Identne prEN 658-4:2002

**Advanced technical ceramics -
Mechanical properties of
ceramic composites at room
temperature - Part 4:
Determination of interlaminar
shear strength by compression
loading of notched test
specimens**

This part of EN 658 specifies the
conditions for determination of the
interlaminar shear strength of
ceramic matrix composite materials
with continuous fibre
reinforcement at room
temperature, by loading a notched
test specimen in compression. This
method applies to all ceramic
matrix composites with a
continuous fibre reinforcement
unidirectional (1D) and
bidirectional (2D) and tridirectional
(xD, with $2 < x < 3$) as defined in
ENV 13233, loaded along one
principal axis of reinforcement
prEVS 34872

Tähtaeg: 2003-02-01

Identne prEN 1159-3:2002

**Advanced technical ceramics -
Ceramic composites,
thermophysical properties - Part
3: Determination of specific
heat capacity**

This part of EN 1159 describes
two methods for the determination
of the specific heat capacity of
ceramic matrix composites with
continuous reinforcements (1D,
2D, 3D)

81.080

Tulekindlad materjalid

Refractories

KAVANDITE ARVAMUSKÜSITLUS

prEVS 34229

Tähtaeg: 2003-02-01

Identne prEN 1094-3:2002

**Insulating refractory products -
Part 3: Classification of
insulating products made from
ceramic fibres**

This Part of EN 1094 establishes
the classification of insulating
refractory products made from
ceramic fibres. It applies to
blankets, felts, mats, papers, boards
and preformed shapes

83.080.10

Kuumalt kõvenevad materjalid (termosetid)

Thermosetting materials

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54854

Tähtaeg: 2003-03-01

Identne ISO 2535:2001

**Plastics - Unsaturated polyester
resins - Measurement of gel
time at ambient temperature**

This standard specifies a method
of measuring, under defined
conditions, the gel time at ambient
temperature of unsaturated-
polyester resins

83.080.20

Termoplastid

Thermoplastic materials

UUED STANDARDID

EVS-EN ISO 2580-1:2002

Hind 75,00

Identne ISO 2580-1:2002

ja identne EN ISO 2580-1:2001

**Plastid. Akrülonitriil-
butadieenstüreenkopolümeerist
(ABS) vormimis- ja
ekstrusioonimaterjalid. Osa 1:
Tähistussüsteem ja alus
tehniliste andmete jaoks**

This part of ISO 2580 establishes a
system of designation for
acrylonitrile-butadiene-styrene
(ABS) moulding and extrusion
materials, which may be used as
the basis for specifications

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54555

Tähtaeg: 2003-02-01

Identne ISO 10366-1:2002

ja identne EN ISO 10366-1:2002

**Plastid. Metüülmetakrülaat-
akrülonitriil-
butadieenstüreenkopolümeerist
(MABS) vormimis- ja
ekstrusioonimaterjalid. Osa 1:
Plastid ja alus tehniliste
andmete jaoks**

This part of ISO 10366 establishes
a system of designation for MABS
thermoplastic material, which may
be used as the basis for
specifications

prEVS 54556

Tähtaeg: 2003-02-01

Identne ISO 6402-1:2002

ja identne EN ISO 6402-1:2002

**Plastid. Löögikindlast
akrülnitriil-stüreen-
akrülaatkopolümeerist (ASA,
AES, ASC) vormimis- ja
ekstrusioonimaterjalid. Osa 1:
Tähistussüsteem ja alus
tehniliste andmete jaoks**

This part of ISO 6402 establishes a
system of designation for
acrylonitrile-styrene-acrylate
(ASA), acrolonitrile-(ethylene-
propylene-diene)styrene (AEPDS)
and acrylonitrile-(chlorinated
polyethylene)-styrene (ACS)
moulding and extrusion materials,
which may be used as the basis for
specifications

83.120

Tugevdatud plastid

Reinforced plastics

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54525

Tähtaeg: 2003-02-01

Identne prEN 13677-1:2002

**Reinforced thermoplastic
moulding compounds -
Specification for GMT - Part 1:
Designation**

This part of prEN 13677
establishes a data block system for
the designation of glass mat
reinforced thermoplastic
composite sheet (GMT)

prEVS 54526

Tähtaeg: 2003-02-01

Identne prEN 13677-2:2002

Reinforced thermoplastic moulding compounds - Specification for GMT - Part 2: Methods of test and general requirements

This Part 2 of prEN 13677 defines the general requirements applicable to the specification of all types of glass mat reinforced polypropylene composite sheet (GMT) falling within the scope of this specification as defined in Part 1 of the standard including the sampling procedures, packaging, storage and labelling requirements prEVS 54527

Tähtaeg: 2003-02-01

Identne prEN 13677-3:2002

Reinforced thermoplastic moulding compounds - Specification for GMT - Part 3: Specific requirements

This Part 3 of prEN 13677, is a specification for thermoplastic compression mouldable sheet consisting of textile glass mat reinforced polypropylene or equivalent products, as described in Part 1 of this specification. The specification defines those parameters which shall be specified plus other parameters which may be specified if required for a particular application or processing method

83.140.10

Kiled

Films and sheets

UUED STANDARDID

EVS-EN 13655:2002

Hind 109,00

Identne EN 13655:2002

Plastics - Mulching thermoplastic films for use in agriculture and horticulture

This European Standard is applicable to transparent films, transparent clear and diffusing films (thermic) and black or black/white films based on polyethylene and its copolymers, which are designed to be used for mulching the vegetable, fruit and flower crops. This European Standard specifies the basic requirements for the optical and mechanical characteristics of various types of film. From a detailed consideration of the different mulching plastics films

used in agriculture and horticulture in the European market, different types of film are considered: - transparent films (normal) - transparent clear and diffusing films (thermic) - black and black/white films The range of thicknesses considered is from 10 µm up to 250 µm.

EVS-EN ISO 2556:2002

Hind 66,00

Identne ISO 2556:1974

ja identne EN ISO 2556:2000

Plastics - Determination of the gas transmission rate of films and thin sheets under atmospheric pressure - Manometric method

This standard specifies a method for the determination of the gas transmission rate of plastics films and thin sheets

83.140.99

Muud kummist ja plastikust tooted

Other rubber and plastics products

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 24891

Tähtaeg: 2002-02-01

Identne prEN 12608:2002

Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors - Classification, requirements and test methods
This European Standard specifies classifications, requirements and test methods for unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors

83.180

Liimid

Adhesives

UUED STANDARDID

EVS-EN 12004:2001/A1:2002

Hind 66,00

Identne EN 12004:2001/A1:2002

Adhesives for tiles - Definitions and specifications

This European Standard is applicable to ceramic tile adhesives for internal and external tile installations on floors and walls. This Standard gives the terminology concerning the products, working methods, application properties, etc, for ceramic tile adhesives.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 7739

Tähtaeg: 2003-02-01

Identne prEN 542:2002

Adhesives - Determination of density

This European Standard defines two methods for the determination of density which are applicable to all adhesives. One procedure is used for adhesives in liquid form and the other one for solid, very viscous or pasty adhesives prEVS 12932

Tähtaeg: 2003-02-01

Identne prEN 924:2002

Adhesives - Solvent-borne and solvent-free adhesives - Determination of flashpoint

This European Standard specifies a method for determining the flashpoint of adhesives containing volatile organic compounds and makes allowance for deviations from standard atmospheric pressure. It applies to solvent-borne and solvent-free adhesives but not to water-borne adhesives containing less than 10% of solvents

prEVS 37264

Tähtaeg: 2003-02-01

Identne prEN 543:2002

Adhesives - Determination of apparent density of powder and granule adhesives

This European Standard defines a method for the determination of apparent density of powder and granule adhesives. The method is applicable to all powder and granule adhesives

85.080

Pabertooted

Paper products

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 29891

Tähtaeg: 2003-02-01

Identne prEN 12282:2002

**Printing and business paper -
Determination of edge dust -
Suction method**

This European Standard describes the procedure to be used for determining the edge dust for uncoated cut-size paper for dry toner imaging processes (i. e. copy paper), in 80 g/m² and in A4 format based on EN ISO 216. Other grammages and sizes of the ISO - A series are covered by this European Standard, as long as the requirements specified in the European Standard, are fulfilled

87.040

Värvid ja lakid

Paints and varnishes

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 54508

Tähtaeg: 2003-02-01

Identne prEN 1062-1:2002

Paints and varnishes - Coating materials and coating systems for exterior masonry and concrete - Part 1: Classification

This European Standard specifies a general system for the description of coating materials and coating systems for the preservation, decoration and protection of exterior new and old, coated or uncoated masonry and concrete. It also includes a classification system based on certain physical properties

87.100

Värvimisvahendid

Paint coating equipment

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 22271

Tähtaeg: 2003-01-01

Identne EN 50053-1:1987

Requirements for the selection, installation and use of electrostatic spraying equipment for flammable materials - Part 1: Hand-held electrostatic paint spray guns with an energy limit of 0,24 mJ and their associated apparatus

This European Standard gives requirements for the selection, installation and safe use of hand-held electrostatic spray guns with an energy limit of 0,24 mJ and their associated apparatus complying with EN 50050, which may cause an explosive atmosphere when spraying flammable liquid.

prEVS 22274

Tähtaeg: 2003-01-01

Identne EN 50053-2:1989

Requirements for the selection, installation and use of electrostatic spraying equipment for flammable materials - Part 2: Hand-held electrostatic powder spray guns with an energy limit of 5 mJ and their associated apparatus

This European Standard gives requirements for the selection, installation and safe use of hand-held electrostatic spray guns with an energy limit of 5 mJ and their associated apparatus complying with EN 50050, which may cause an explosive atmosphere when spraying flammable coating powders.

prEVS 22281

Tähtaeg: 2003-01-01

Identne EN 50053-3:1989

Requirements for the selection, installation and use of electrostatic spraying equipment for flammable materials - Part 3: Hand-held electrostatic flock spray guns with an energy limit of 0,24 mJ or 5 mJ and their associated apparatus

This European Standard gives requirements for the selection, installation and safe use of hand-held electrostatic flock spray guns and their associated apparatus complying with EN 50050 for the following cases when: a) flock spraying in association with adhesives which can form an explosive atmosphere, then the energy limit of the spray gun shall be 0,24 mJ; b) flock spraying in association with adhesives which do not form an explosive atmosphere, then the energy limit of the spray gun shall be 5 mJ.

prEVS 22335

Tähtaeg: 2003-01-01

Identne EN 50059:1990

Specification for electrostatic hand-held spraying equipment for non- flammable material for painting and finishing

This European Standard specifies the constructional and test requirements for hand-held and hand-operated electrostatic spray guns and associated apparatus used to spray painting and finishing materials which are not flammable, with respect to the protection against high voltage electric shock.

prEVS 54529

Tähtaeg: 2003-02-01

Identne prEN 13966-1:2002

Determination of the transfer efficiency of atomising and spraying equipment for liquid coating materials - Part 1: Flat panels

This European Standard specifies a laboratory procedure for determining the transfer efficiency of atomising and spraying equipment for the application of liquid coating materials onto flat panels. A second part (to be prepared) will cover coating material application to other substrate geometries and provide a method for the determination of transfer efficiency for atomising and spraying equipment with electrostatic support

91

**EHITUSMATERJALID
JA EHITUS**

**CONSTRUCTION
MATERIALS AND
BUILDING**

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 53154

Tähtaeg: 2003-02-01

Identne prEN 14179-1:2002

Glass in building - Heat soaked thermally toughened soda lime silicate safety glass - Part 1: Definition and description

This European Standard specifies the heat soak process system together with tolerances, flatness, edgework, fragmentation and physical and mechanical characteristics of monolithic flat heat soaked thermally toughened soda lime silicate safety glass for use in buildings

prEVS 54511

Tähtaeg: 2003-02-01

Identne prEN 14525:2002

Ductile iron wide tolerance couplings and flange adaptors for use with pipes of different materials: ductile iron, grey iron, steel, PVC-U PE, fibre-cement

This European Standard specifies the requirements and associated test methods applicable to wide tolerance ductile iron couplings and wide tolerance flange adaptors intended for use with pipe components made from a number of pipe materials (ductile iron, grey iron, PE, PVC-U, steel, fibre-cement), for providing a leak tight seal over a wide range of pipe external diameters:- to convey water (e.g. potable water) ; - with or without pressure ; to be installed below or above ground, inside or outside buildings

91.010.30

Tehnilised aspektid

Technical aspects

KAVANDITE ARVAMUSKÜSITLUS

prEVS 18117

Tähtaeg: 2003-02-01

Identne prEN 1994-1-1:2002

Eurocode 4 - Design of composite steel and concrete structures - Part 1-1: General rules and rules for buildings

Eurocode 4 applies to the design of composite structures and members for buildings and civil engineering works. It complies with the principles and requirements for the safety and serviceability of structures, the basis of their design and verification that are given in EN 1990

prEVS 54497

Tähtaeg: 2003-02-01

Identne prEN 1991-2:2002

Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 2: Sildade liikluskoormused

prEN 1991-2 defines imposed loads (models and representative values) associated with road traffic, pedestrian actions and rail traffic which include, when relevant, dynamic effects and centrifugal, braking and acceleration actions and actions for accidental design situations

prEVS 54509

Tähtaeg: 2003-02-01

Identne prEN 1337-8:2002

Structural bearings - Part 8: Guide bearings and restrain bearings

This Part of this European Standard deals with the requirements for the design and manufacture of Guide Bearings and Restrain Bearings in accordance with Table 1 of Part 1 of this European Standard, bearings No. 8.1 and 8.2 respectively

91.040

Hooned

Buildings

KAVANDITE ARVAMUSKÜSITLUS

91.040.01

Hooned üldiselt

Building in general

KAVANDITE ARVAMUSKÜSITLUS

91.060.20

Katused

Roofs

UUED STANDARDID

EVS-EN 516:2002

Hind 101,00

Identne EN 516:1995

Katuse valmistarvikud.

Juurdepääsupaigaldised.

Katusesillad, astmelaiud ja astmed

Käesolev standard käsitleb viilkatuse kandetarindite külge püsivalt kinnitatud ehituselemente, mis on vajalikud seismiseks või käimiseks katuse ülevaatuse, hoolduse või remondi ajal. Standard määrab põhimõtted, kasutatavad materjalid, kandevõimele esitatavad nõuded ja katsetuse ulatuse. Standard ei käsitle viilkatusele püsivalt kinnitatud reदेleid.

EVS-EN 517:2002

Hind 92,00

Identne EN 517:1995

Katuse valmistarvikud. Katuse turvakonksud

Käesolev standard käsitleb viilkatuse kandetarindite külge püsivalt kinnitatud konkse, mis on ette nähtud katusekajate redelile riputamiseks, töölavade toestamiseks, samuti inimese allakukkumist takistavate ohutusvahendite kinnitamiseks. Standard määratleb olulised mõõtmed, kasutatavad materjalid, nõuded kandevõime ja katsetuste kohta. Standard ei käsitle tarindeid, mis on ette nähtud ainult inimese allakukkumist takistavate ohutusvahendite kinnitamiseks.

EVS-EN 538:2002

Hind 101,00

Identne EN 538:1994

Savikatusekivid ülekattega

laotistele. Paindetugevusteim

Standard kirjeldab teimimeetodit standardis EN 1304 "Clay roofing

tiles - Product definitions and specifications" määratletud

keraamiliste katusekivide

paindetugevuse määramiseks. Teisi

katusekivi füüsikalisi näitajaid

käsitletakse standardis EN 539

"Clay roofing tiles - Determination

of physical characteristics -

Impermeability and frost

resistance".

EVS-EN 1462:2002

Hind 101,00

Identne EN 1462:1997

Räästarennikonksud. Nõuded ja katsetamine

Käesolev standard määrab kindlaks

standarditele EN 607 ja EN 612

vastavate räästarennide konksudele

esitatavad nõuded.

EVS-EN 539-1:2002

Hind 92,00

Identne EN 539-1:1994

Savikatusekivid ülekattega

laotistele. Füüsikaliste näitajate

määramine. Osa 1:

Veepidavusteim

Standardi käesolevas osas

esitatakse kaks ekvivalentset

teimimeetodit keraamiliste rea- ja

erikatusekivide veepidavuse

määramiseks. Märkus. Meetodeid

ei saa rakendada kõikide erikivide

puhul nende kujuerinevuste tõttu.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 38810

Tähtaeg: 2003-01-01

Identne IEC 60335-2-83:2001

ja identne EN 60335-2-83:2002

Household and similar electrical appliances - Safety - Part 2-83: Particular requirements for heated gullies for roof drainage

This standard deals with the safety of electrically heated gullies for de-icing the inlet of the drainage system of flat roofs, balconies, and similar structures, their rated voltage being not more than 250 V.
prEVS 55040

Tähtaeg: 2003-02-01

Identne prEN 491:2002

Concrete roofing tiles and fittings for roof covering and wall cladding - Test methods

This European Standard describes test methods for concrete roofing tiles and fittings conforming to prEN 490:2002, for assembly into pitched roof covering or external wall cladding or internal wall lining cladding

91.060.30

Laed. Põrandad. Trepid

Ceilings. Floors. Stairs

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 21828

Tähtaeg: 2003-02-01

Identne prEN 1364-3:2002

Fire resistance tests for non-loadbearing elements - Part 3: Curtain walling - Full configuration (complete assembly)

This European Standard specifies a method for determining the fire resistance of curtain walling systems. This standard should be read in conjunction with EN 1363-1

91.060.50

Uksed ja aknad

Doors and windows

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 24891

Tähtaeg: 2002-02-01

Identne prEN 12608:2002

Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors - Classification, requirements and test methods

This European Standard specifies classifications, requirements and test methods for unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors

prEVS 34304

Tähtaeg: 2003-02-01

Identne prEN 12978:2002

Industrial, commercial and garage doors and gates - Safety devices for power operated doors and gates - Requirements and test methods

This standard applies for design, construction and testing of sensitive protective devices where the device is used to detect pedestrians including in particular applications, slow moving elderly persons, slow moving disabled persons and children who may be exposed to injury by power operated doors, gates and barriers, electrically powered from a public supply and intended for installation in areas in the reach of persons, and for which the main intended uses are giving safe access for goods and vehicles accompanied or driven by persons in industrial, commercial, public or residential premises

prEVS 35611

Tähtaeg: 2003-02-01

Identne prEN 13049:2002

Windows - Soft and heavy body impact - Test method, safety requirements and classification

This European Standard specifies the test method, requirements and classification when determining the effect on a window impacted with a soft and heavy body. Any secondary moving sashes, casements or fixed lights which may be mounted internally to the main casements or sashes, shall also be similarly tested

prEVS 37415

Tähtaeg: 2003-01-02

Identne EVS 855:2002

Tööstus-, kommerts- ja garaažiüksed ning -väravad. Tootestandard

This European Standard specifies the performance requirements for doors, gates and barriers, intended for installation in areas in the reach of people, for which the main intended uses are given safe access for goods and vehicles accompanied by person in industrial and commercial premises and in residential garages These devices may be manually or power operated.

prEVS 52727

Tähtaeg: 2002-12-02

Identne EN 12433-1:1999

Tööstus-, kommerts- ja garaažiüksed ning -väravad. Terminoloogia. Osa 1: Uste tüübid

This European Standard specifies the terminology for doors, gates and barriers, intended for installation in areas in the reach of people, for which the main intended uses are giving safe access for goods and vehicles accompanied by persons in industrial and commercial premises and in residential garages. This standard specifies with the help of sketches most types of doors, gates and barriers in common use, irrespective of the material used. Doors for the passage of persons only are covered by prEN 12650-1 and prEN 12519.

prEVS 52728

Tähtaeg: 2003-01-02

Identne: EVS-EN 12433-2:2002

Tööstus-, kommerts- ja garaažiüksed ja väravad. Terminoloogia. Osa 2: Ukseosad

prEVS 52729

Tähtaeg: 2002-12-01

Identne EN 12604:2000

Tööstus-, kommerts- ja garaažiüksed ning -väravad. Mehaanika. Nõuded

This European Standard specifies the mechanical requirements for doors, gates and barriers intended for installation in areas in the reach of people and for which the main intended uses are giving safe access for goods and vehicles accompanied by persons in industrial, commercial and residential premises. These products may be manually or power operated.

prEVS 54460

Tähtaeg: 2002-12-01

Identne EVS-EN 12433-2

Tööstus- kommerts- ja garaapiuksed ja -väravad. Terminoloogia. Osa 2: Uste osad
prEVS 54461
Tähtaeg: 2002-12-01
Identne EVS 852:2003
Rippseinad. Terminoloogia

91.080.20

Puitkonstruktsioonid

Timber structures

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54714

Tähtaeg: 2003-02-01

Identne prEN 14545:2002

Timber structures - Connectors - Requirements

This European Standard specifies requirements for the materials, geometry, strength and durability of connectors for use in load bearing timber structures. For the purpose of this standard, connectors are taken to be shear plates, split ring connectors, tooth plate connectors, punched metal plate fasteners, and nailing plates. Definitions of these items are given in clause 4 below. Only products manufactured from steel are covered by this standard

91.080.40

Betoonkonstruktsioonid

Concrete structures

UUED STANDARDID

EVS-EN 13894-2:2002

Hind 75,00

Identne EN 13894-2:2002

Products and systems for the protection and repair of concrete structures - Test methods - Determination of fatigue under dynamic loading - Part 2: in service

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.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54975

Tähtaeg: 2003-02-01

Identne prEN 1504-10:2002
Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 10: Site application of products and systems and quality control of the works

This European Standard gives requirements for substrate condition before and during application including structure stability, storage, the preparation and application of products and systems for the protection and repair of concrete structures including quality control, maintenance, health and safety, and the environment

91.100.10

Tsement. Kips. Lubi. Mört

Cement. Gypsum. Lime. Mortar

UUED STANDARDID

EVS-EN 12004:2001/A1:2002

Hind 66,00

Identne EN 12004:2001/A1:2002

Adhesives for tiles - Definitions and specifications

This European Standard is applicable to ceramic tile adhesives for internal and external tile installations on floors and walls. This Standard gives the terminology concerning the products, working methods, application properties, etc, for ceramic tile adhesives.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 38143

Tähtaeg: 2003-02-01

Identne prEN 934-3:2002

Admixtures for concrete, mortar and grout - Part 3: Admixtures for masonry mortar - Definitions, requirements, conformity, marking and labelling

This European Standard defines and specifies the requirements and conformity criteria for admixtures for use in cement based masonry mortar. It covers two types of admixtures, long term retarding and air entraining/plasticising, at equal consistence, which are used in ready-mixed and site made masonry mortars. Provisions for the use of admixtures for masonry

mortar are not part of this standard but are covered by EN 998-2 prEVS 54775

Tähtaeg: 2003-02-01

Identne prEN 14566:2002

Mechanical fasteners for gypsum plasterboard systems - Definitions, requirements and tests methods

This European Standard specifies the characteristics and performance of mechanical fasteners, including nails, screws and staples, intended to be used for the fixing of gypsum plasterboard conforming to prEN 520 and products from secondary processing according to prEN 14190, to timber and metal, as appropriate, in building construction works

91.100.15

Mineraalsed materjalid ja tooted

Mineral materials and products

UUED STANDARDID

EVS-EN 538:2002

Hind 101,00

Identne EN 538:1994

Savikatusekivid ülekattega laotistele. Paindetugevusteim
Standard kirjeldab teimimeetodit standardis EN 1304 "Clay roofing tiles - Product definitions and specifications" määratletud keraamiliste katusekivide paindetugevuse määramiseks. Teisi katusekivi füüsikalisi näitajaid käsitletakse standardis EN 539 "Clay roofing tiles - Determination of physical characteristics - Impermeability and frost resistance".

EVS-EN 932-5:2002

Hind 117,00

Identne EN 932-5:1999

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

Käesolev standard määrab kindlaks üldised nõuded täitematerjalide omaduste katsetamisel kasutatavatele seadmetele, kalibreerimismeetoditele ja reagentidele.

EVS-EN 933-4:2002

Hind 92,00

Identne EN 933-4:1999

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

Kujutegur

Käesolev standard esitab jämetäitematerjali terade kujuteguri määramise meetodi, mis on kasutatav looduslike, tehislise ja kergtäitematerjalide puhul. Käesolevas standardis kirjeldatud meetod on kasutatav täitematerjali fraktsioonide di/Di puhul, mille Di 63 mm ja di 4 mm.

EVS-EN 1097-6:2002

Hind 170,00

Identne EN 1097-6:2000

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

Käesolev standard määrab kindlaks täitematerjali terade tiheduse ja veeimavuse määramise meetodid. Esimesed viis meetodit on kasutatavad tavalise täitematerjali ja kuues meetod kergtäitematerjali puhul. Tähtsamad meetodid on: a) traatkorvimeetod täitematerjalile, mis läbib 63 mm avadega sõela ja jääb 31,5 mm avadega sõelale; b) püknomeetrimetod täitematerjalile, mis läbib 31,5 mm avadega sõela ja jääb 0,063 mm avadega sõelale.

EVS-EN 1744-3:2002

Hind 83,00

Identne EN 1744-3:2002

Täitematerjali keemiliste omaduste katsetamine. Osa 3: Täitematerjali leostamine

This European Standard specifies a method for the preparation of eluates, by leaching of aggregates, for subsequent investigation of physical and chemical properties by existing standard methods for the purpose of compliance testing. It applies to unbound aggregates that have a particle size below 32 mm with or without size reduction.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 21832

Tähtaeg: 2003-02-01

Identne prEN 1467:2002

Natural stone - Rough blocks - Specifications

This European Standard specifies requirements for rough blocks of natural stone from which products for use in building or commemorative stones and other similar applications are made. It does not cover artificially agglomerated stony material and does not cover installation

prEVS 21833

Tähtaeg: 2003-02-01

Identne prEN 1468:2002

Natural stone - Rough slabs - Requirements

This European Standard specifies requirements for rough slabs of natural stone from which products for use in buildings or commemorative stones and other similar applications are made. It does not cover artificially agglomerated stony material and does not cover installation

prEVS 26259

Tähtaeg: 2003-02-01

Identne prEN 12059:2002

Natural Stone - Dimensional Stone Work - Specifications

This European Standard specifies requirements for stone elements prepared with □ 80 mm nominal thickness for stone work of which the main use are monuments and cubic building elements. It does not apply to masonry units. It does not concern mineral aggregates and artificially agglomerated stony material and does not apply to installation

prEVS 38906

Tähtaeg: 2003-02-01

Identne prEN 13373:2002

Natural stone test methods - Determination of geometric characteristics on units

This European standard describes methods for verifying the geometric characteristics of products of natural stone such as blocks, rough slabs finished products for cladding, flooring, stairs and modular tiles. These methods are to be applied in the case of a dispute between two parties, they are not compulsory for production control, where simplified methods can be applied provided a correlation with the methods of this standard could be demonstrated

91.100.20

Mineraalsed ja keraamilised materjalid ja tooted

Mineral and ceramic materials and products

UUED STANDARDID

EVS-EN 932-5:2002

Hind 117,00

Identne EN 932-5:1999

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

Käesolev standard määrab kindlaks üldised nõuded täitematerjalide omaduste katsetamisel kasutatavatele seadmetele, kalibreerimismeetoditele ja reagentidele.

EVS-EN 933-4:2002

Hind 92,00

Identne EN 933-4:1999

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

Kujutegur

Käesolev standard esitab jämetäitematerjali terade kujuteguri määramise meetodi, mis on kasutatav looduslike, tehislise ja kergtäitematerjalide puhul. Käesolevas standardis kirjeldatud meetod on kasutatav täitematerjali fraktsioonide di/Di puhul, mille Di 63 mm ja di 4 mm.

EVS-EN 1097-6:2002

Hind 170,00

Identne EN 1097-6:2000

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

Käesolev standard määrab kindlaks täitematerjali terade tiheduse ja veeimavuse määramise meetodid. Esimesed viis meetodit on kasutatavad tavalise täitematerjali ja kuues meetod kergtäitematerjali puhul. Tähtsamad meetodid on: a) traatkorvimeetod täitematerjalile, mis läbib 63 mm avadega sõela ja jääb 31,5 mm avadega sõelale; b) püknomeetrimetod täitematerjalile, mis läbib 31,5 mm avadega sõela ja jääb 0,063 mm avadega sõelale.

EVS-EN 1744-1:2002

Hind 212,00

Identne EN 1744-1:1998

Täitematerjalide keemiliste omaduste katsetamine. Osa 1: Keemiline analüüs

Käesolev 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.

91.100.25

Keraamilised ehitustooted

Ceramic building products

UUED STANDARDID

EVS-EN 539-1:2002

Hind 92,00

Identne EN 539-1:1994

Savikatusekivid ülekattega laotistele. Füüsikaliste näitajate määramine. Osa 1:

Veepidavusteim

Standardi käesolevas osas esitatakse kaks ekvivalentset teimimeetodit keraamiliste rea- ja erikatusekivide veepidavuse määramiseks. Märkus. Meetodeid ei saa rakendada kõikide erikivide puhul nende kujuerinevuste tõttu.

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 55040

Tähtaeg: 2003-02-01

Identne prEN 491:2002

Concrete roofing tiles and fittings for roof covering and wall cladding - Test methods

This European Standard describes test methods for concrete roofing tiles and fittings conforming to prEN 490:2002, for assembly into pitched roof covering or external wall cladding or internal wall lining cladding

91.100.30

Betoon ja betoontooted

Concrete and concrete products

UUED STANDARDID

EVS-EN 1008:2002

Hind 117,00

Identne EN 1008:2002

Mixing water for concrete - Specification for sampling, testing and assessing the suitability of water, including water recovered from processes in the concrete industry, as mixing water for concrete

This European Standard specifies the requirements for water that is suitable for making concrete that conforms to EN 206-1 and describes methods for assessing its suitability

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 53148

Tähtaeg: 2003-02-01

Identne prEN 450-1:2002

Fly ash for concrete - Part 1: Definition, specifications and conformity criteria

This European Standard specifies requirements for the chemical and physical properties as well as quality control procedures for fly ash, as defined in clause 3.2, for use as a type II addition for preparation of concrete, mortar and grout, including in particular cast-in-situ or prefabricated structural concrete conforming to EN 206-1.2

prEVS 55037

Tähtaeg: 2003-02-01

Identne prEN 490:2002

Concrete roofing tiles and fittings for roof covering and wall cladding - Product specifications

This European Standard specifies requirements for concrete roofing tiles and fittings for pitched roof coverings and wall cladding and lining. Although concrete roofing tiles and fittings may incorporate surface coating, the specification of any surface coating is not included in this European Standard.

Information on surface

characteristics is given in annex A.

Information on the performance of roof and wall assemblies is given in annex B

91.100.50

Sideained.

Tihendusmaterjalid

Binders. Sealing materials

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 15382

Tähtaeg: 2003-02-01

Identne ISO 11431:2002

ja identne EN ISO 11431:2002

Building construction - Jointing products - Determination of adhesion/cohesion properties of sealants after exposure to heat and artificial light through glass and to water

This International Standard specifies a method for the determination of

adhesion/cohesion properties of sealants after cyclic exposure to heat and artificial light followed by a period of exposure to water at a defined temperature

prEVS 38086

Tähtaeg: 2003-02-01

Identne prEN 13304:2002

Bitumen and bituminous binders - Framework for specification of oxidised bitumens

This European Standard provides a framework for the specification of oxidised bitumen used mainly in roofing, waterproofing and adhesives. Within Europe several types of oxidised bitumens are used and, dependent on climatic conditions, type of building construction and traditional practices, different grades may be used for the same purpose. The framework given in this Standard provides a basis for quality agreements to be established between supplier and client

prEVS 38088

Tähtaeg: 2003-02-01

Identne prEN 13305:2002

Bitumen and bituminous binders - Framework of specification of hard industrial bitumens

This European Standard provides a framework for the specification of hard industrial bitumen used mainly in flooring, varnishes, mineral rubber, roofing and mastic. Within Europe several types of hard industrial bitumen are used, and dependent upon traditional practices, different grades may be used for the same purpose. The framework given in this Standard provides a basis for quality agreements to be established between supplier and client
prEVS 38894

Tähtaeg: 2003-02-01

Identne prEN 13361:2002

Geosynthetic barriers - Characteristics required for use in the construction of reservoirs and dams

This European Standard specifies the relevant characteristics of geosynthetic barriers, including polymeric geosynthetic barriers, clay geosynthetic barriers and bituminous geosynthetic barriers, to be used as fluid barriers in the construction of reservoirs and dams, and the appropriate test methods to determine these characteristics
prEVS 38898

Tähtaeg: 2003-02-01

Identne prEN 13362:2002

Geosynthetic barriers - Characteristics required for use in the construction of canals

This European Standard specifies the relevant characteristics of geosynthetic barriers, including polymeric geosynthetic barriers, clay geosynthetic barriers and bituminous geosynthetic barriers, to be used as fluid barriers in the construction of canals, and the appropriate test methods to determine these characteristics
prEVS 39398

Tähtaeg: 2003-02-01

Identne prEN 13491:2002

Geosynthetic barriers - Characteristics required for use as a fluid barrier in the construction of tunnels and underground structures

This European Standard specifies the relevant characteristics of geosynthetic barriers, including polymeric geosynthetic barriers, clay geosynthetic barriers and bituminous geosynthetic barriers, to be used as fluid barriers in the construction of tunnels and underground structures, and the

appropriate test methods to determine these characteristics
prEVS 39400

Tähtaeg: 2003-02-01

Identne prEN 13492:2002

Geosynthetic barriers - Characteristics required for use in the construction of liquid waste disposal sites, transfer stations or secondary containment

This European Standard specifies the relevant characteristics of geosynthetic barriers, including polymeric geosynthetic barriers, clay geosynthetic barriers and bituminous geosynthetic barriers, to be used as fluid barriers in the construction of liquid waste disposal sites, and the appropriate test methods to determine these characteristics
prEVS 39402

Tähtaeg: 2003-02-01

Identne prEN 13493:2002

Geosynthetic barriers - Characteristics required for use in the construction of solid waste storage and disposal sites, and storages for hazardous solid materials

This European Standard specifies the relevant characteristics of geosynthetic barriers, including polymeric geosynthetic barriers, clay geosynthetic barriers and bituminous geosynthetic barriers, to be used as fluid barriers in the construction of solid waste storage and disposal sites, and the appropriate test methods to determine these characteristics
prEVS 54712

Tähtaeg: 2003-02-01

Identne prEN 14544:2002

Timber structures - Strength graded structural timber with round cross-section - Requirements

This European Standard lays down the requirements for visual graded structural timber with round cross-sections, barked or unbarked and cut on length but otherwise not machined

91.100.60

Soojus- ja helisolatsioonimaterjalid

Thermal and sound insulating materials

KAVANDITE ARVAMUSKÜSITLUS

prEVS 52723

Tähtaeg: 2002-12-01

Identne EN 13162:2001

Soojusisolatsioonitooted ehitiste jaoks. Tehases valmistatud mineraalvilltooted.

Spetsifikatsioon

This European Standard specifies the requirements for factory made products of mineral wool, with or without facings, which are used for the thermal insulation of buildings. The products are manufactured in the form of rolls, batts, slabs or boards. The standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling.
prEVS 54472

Tähtaeg: 2003-02-01

Identne prEN 14509:2002

Self-supporting double skin metal faced insulating sandwich panels - Factory made products - Specification

This European Standard specifies requirements for factory made, self-supporting, double skin metal faced insulating sandwich panels, which are intended for discontinuous laying in the following applications: a) roofs and roof cladding; b) external walls and wall cladding; and c) walls (including partitions) and ceilings within the building envelope

91.100.99

Muud ehitusmaterjalid

Other construction materials

UUED STANDARDID

EVS-EN ISO 14438:2002

Hind 92,00

Identne ISO 14438:2001

ja identne EN ISO 14438:2002

Glass in building -

Determination of energy balance value - Calculation method

This European Standard specifies a calculation method to determine the energy balance value of glazing. This European Standard applies to transparent materials such as glass and combinations of glass used to glaze windows in buildings.

91.120

Hoonete sise- ja välisohutus

Protection of and in buildings

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54035
Tähtaeg: 2002-12-01
Identne EVS 840:2002
Radooniohutu hoone projekteerimine

91.120.40

Piksekaitse

Lightning Protection

KAVANDITE ARVAMUSKÜSITLUS

prEVS 55143
Tähtaeg: 2003-01-01
Identne: IEC 61024-1:1990
Ehitiste piksekaitse. Osa 1: Üldmõisted
This standard is applicable to the design and installation of Lightning Protection Systems (LPS) for common structures up to 60m high.
prEVS 55144
Tähtaeg: 2003-01-01
Identne: IEC 61024-1-1:1993
Ehitiste piksekaitse. Osa 1-1: Üldmõisted. Juhis A: Piksekaitse süsteemide kaitsetasemete valik
Contains information on the classification of structures according to the consequential effects of a lightning stroke. Gives procedures for the selection of a lightning protection system. Is to be used with part 1.
prEVS 55146
Tähtaeg: 2003-01-01
Identne: IEC 61024-1-2:1998
Ehitiste piksekaitse. Osa 1-2: Üldmõisted. Juhis B: Piksekaitse süsteemide projekteerimine, paigaldamine, hooldus ja kontroll
Applicable to the design and installation of Lightning Protection Systems (SPS) for common structures up to 60 m high, in accordance with IEC 61024-1.
Provides guidelines on how to use IEC 61024-1 and assists the user with the physical design and construction, maintenance and inspection of an LPS

91.120.99

Muud hoonete sise- ja välisohutusega seotud standardid

Other standards related to protection of and in buildings

UUED STANDARDID

EVS-EN 516:2002
Hind 101,00
Identne EN 516:1995

Katuse valmistarvikud. Juurdepääsupaigaldised. Katusesillad, astmelaiud ja astmed

Käesolev standard käsitleb viilkatuse kandetarindite külge püsivalt kinnitatud ehituselemente, mis on vajalikud seismiseks või käimiseks katuse ülevaatusel, hooldusel või remondi ajal. Standard määrab põhimõtted, kasutatavad materjalid, kandevõimele esitatavad nõuded ja katsetuse ulatuse. Standard ei käsitle viilkatusele püsivalt kinnitatud rededeid.

EVS-EN 517:2002

Hind 92,00
Identne EN 517:1995
Katuse valmistarvikud. Katuse turvakonksud
Käesolev standard käsitleb viilkatuse kandetarindite külge püsivalt kinnitatud konkse, mis on ette nähtud katusekatjate redelite riputamiseks, töölavade toestamiseks, samuti inimese allakukkumist takistavate ohutusvahendite kinnitamiseks. Standard määratleb olulised mõtted, kasutatavad materjalid, nõuded kandevõime ja katsetuste kohta. Standard ei käsitle tarindeid, mis on ette nähtud ainult inimese allakukkumist takistavate ohutusvahendite kinnitamiseks.

91.140

Hoonete tehnoseadmed

Installations in buildings

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54970
Tähtaeg: 2003-02-01
Identne prEN 12098-4:2002
Controls for heating systems - Part 4: Tariff compensated optimum start-stop control equipment for electrical systems

This standard applies to electronic equipment which controls electrical heating. The particular equipment to which this standard applies covers both : · stand-alone start optimisers or start-stop optimisers, taking priority to the main controller during periods. · controllers which contain an integrated optimum start or an optimum start-stop control function. · Electrical equipment which includes this function, may include other

91.140.10

Keskküttesüsteemid

Central heating systems

KAVANDITE ARVAMUSKÜSITLUS

prEVS 50317
Tähtaeg: 2003-02-01
Identne prEN 13739-1:2002
Design and installation of preinsulated bonded pipe systems for district heating
This European Standard specifies rules for design, calculation and installation for preinsulated bonded pipe systems for buried hot water distribution and transmission networks, see. Figure 2, with pipe assemblies in accordance with prEN 253, for continuous operation with hot water at various temperatures up to 120 °C and occasionally with peak temperatures up to 140 °C and maximum internal pressure 25 bar (overpressure)
prEVS 54478
Tähtaeg: 2003-02-01
Identne EN 297:1994/prA6:2002
Gaas-keskküttekatalad. B11 ja B11BS tüüpi katalad, millel on atmosfääriõhul töötavad põletid nominaalsoojussisendiga mitte üle 70 kW
Type B boilers which can give rise to condensation in certain circumstances (excluding condensing boilers)
prEVS 54638
Tähtaeg: 2003-02-01
Identne prEN 13941:2002
Design and installation of preinsulated bonded pipe systems for district heating
This European Standard specifies rules for design, calculation and installation for preinsulated bonded pipe systems for buried hot water distribution and transmission networks, see. Figure

2, with pipe assemblies in accordance with prEN 253, for continuous operation with hot water at various temperatures up to 120 °C and occasionally with peak temperatures up to 140 °C and maximum internal pressure 25 bar (overpressure)

prEVS 54779

Tähtaeg: 2003-02-01

Identne EN 442-

1:1995/prA1:2002

Radiators and convectors - Part 1: Technical specifications and requirements

This European Standard has been prepared under Mandate M/129 "Space heating appliances" given to CEN by the European Commission and the European Free Trade Association

91.140.30

Ventilatsiooni- ja kliimasüsteemid

Ventilation and air-conditioning systems

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 38759

Tähtaeg: 2003-02-01

Identne prEN 13403:2002

Ventilation for buildings - Non-metallic ducts - Ductwork made from insulation ductboards

Ventilation for buildings - Non-metallic ducts - Ductwork made from insulation ductboards

prEVS 54507

Tähtaeg: 2003-02-01

Identne prEN 1507:2002

Ventilation for buildings - Sheet metal air ducts with rectangular section - Requirements for strength and leakage

The standard applies to rectangular ductwork used in air conditioning and ventilation systems defined in the principal scope of TC 156. This standard applies to ductwork the dimensions of which are in accordance with EN 1507, and the area of which is calculated in accordance with prEN 14329

91.140.40

Gaasivarustussüsteemid

Gas supply systems

UUED STANDARDID

EVS-EN 12405:2002

Hind 212,00

Identne EN 12405:2002

Gas meters - Gas-volume electronic conversion devices

This European Standard specifies the requirements and tests for the construction, performance, safety and conformity of gas-volume electronic conversion devices associated to gas meters, used to measure volumes of fuel gases of the 1st and 2nd families according to EN 437

91.140.50

Elektrivarustussüsteemid

Electricity supply systems

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54586

Tähtaeg: 2003-01-01

Identne IEC 60449:1973+A1:1979

ja identne HD 193 S2:1982

Voltage bands for electrical installation of buildings

Applies to a.c. electrical installations of buildings supplied at a frequency not exceeding 60 Hz and at a nominal voltage up to and including 1 000 V. Defines two voltage bands: Band I covers the installations where protection against shock is provided under certain conditions by the value of voltage and the installations where the voltage is limited for operational reasons (e.g. telecommunications, signalling, bell, control and alarm installation). Band II contains the voltage for supplies to household, commercial and industrial installations. This band contains all the voltage of public distribution systems in the various countries. A basic safety publication in accordance with IEC Guide 104. Note -The voltage bands defined are intended mainly for use in connection with installation rules (see IEC 60364), but may also be used when preparing requirements for electrical equipment.

prEVS 54628

Tähtaeg: 2003-01-01

Identne HD 384.4.473 S1:1980

Electrical installations of buildings; Part 4: Protection for safety; Chapter 47: Application of protective measures; Section 473: Protection against overcurrent

The Scope of this Harmonization Document is CENELEC Harmonization Document HD.384.1.

prEVS 54629

Tähtaeg: 2003-01-01

Identne IEC 60364-5-54:1980

ja identne HD 384.5.54 S1:1988

Electrical installations of buildings; Part 5: Selection and erection of electrical equipment; Chapter 54: Earthing arrangements and protective conductors

Requires that the performance of the earthing arrangements shall satisfy the safety and functional requirements of the electrical installations. Comprises sections of connections to earth; protective conductors; earthing arrangements for protective purposes, functional purposes, combined protective and functional purposes and equipotential bonding conductors. Has the status of a basic safety publication in accordance with Guide 104.

prEVS 54881

Tähtaeg: 2003-01-01

Identne HD 384.7.753 S1:2002

Electrical installations of buildings - Part 7:

Requirements for special installations or locations - Section 753: Floor and ceiling heating systems

This standard applies to the installation of electric floor and ceiling heating systems which are erected as either thermal storage heating system or direct heating system. It does not apply to the installation of wall heating systems.

91.140.60

Veevarustussüsteemid

Water supply systems

KAVANDITE

ARVAMUSKÜSITLUS

91.140.65

Veesoendussüsteemid

Water heating equipment

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 39463

Tähtaeg: 2003-01-01

Identne IEC 60379:1987

ja identne HD 500 S1:1988

Methods to be used for measuring energy consumption of thermal storage water heaters and for the purpose of informing consumers of it

This standard applies to electric storage water-heaters for household purposes. This standard does not apply to: - water-heaters using other sources of energy (e.g. solar energy) - water-heaters with more than one heated volume - water-heaters without thermal insulation

prEVS 54882

Tähtaeg: 2003-01-01

Identne EN 60335-2-21:1999/A12:2002

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

This standard applies to stationary non-instantaneous storage water heaters intended for heating water to a temperature below its boiling point. Water heaters may be thermally insulated for long-term storage or uninsulated for temporary storage of hot water. Water heaters not intended for normal household use, but which nevertheless may be a source of danger to the public, such as water heaters intended to be used in shops, in light industry and on farms, are within the scope of this standard.

91.140.70

Sanitaarseadmed

Sanitary installations

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 29057

Tähtaeg: 2003-02-01

Identne prEN 14528:2002

Bidets - Functional requirements and test methods

This standard specifies the functional requirements and test methods for bidets used for domestic purposes and made from either ceramics or stainless steel

prEVS 38079

Tähtaeg: 2003-02-01

Identne prEN 13310:2002

Kitchen sinks - Functional requirements and test methods

This European Standard specifies the functional requirements of and test methods for kitchen sinks for domestic purposes, which ensure that the product, when installed in accordance with the manufacturers instructions, gives satisfactory performance

prEVS 54388

Tähtaeg: 2003-02-01

Identne prEN 12541:2002

Sanitary tapware - Pressure flushing valves and automatic closing urinal valves PN 10

This draft European standard applies to flushing valves for WCs and valves for urinals, with automatic hydraulic closure, intended for :- WC pans EN 997 ; - single flush urinals prEN 13407 ; - siphon acting urinals prEN 13407. It does not apply to no-contact detection valves

prEVS 54835

Tähtaeg: 2003-02-01

Identne prEN 251:2002

Shower trays - Connecting dimensions

This standard specifies requirements for the connecting dimensions for shower trays, regardless of the material used for their manufacture

prEVS 55018

Tähtaeg: 2003-02-01

Identne prEN 232:2002

Vannid. Ühenduselementide mõõtmed

This standard specifies requirements for the connecting dimensions of baths, regardless of the material used for their manufacture

91.140.80

Kanalisatsioon

Drainage systems

UUED STANDARDID

EVS-EN 1462:2002

Hind 101,00

Identne EN 1462:1997

Räästarennikonksud. Nõuded ja katsetamine

Käesolev standard määrab kindlaks standarditele EN 607 ja EN 612 vastavate räästarennide konksudele esitatavad nõuded.

EVS-EN 13564-1:2002

Hind 101,00

Identne EN 13564-1:2002

Anti-flooding devices for buildings - Part 1: Requirements

This standard specifies types and requirements for materials, performance, design, construction and marking for factory made anti-flooding devices for faecal and/or non-faecal wastewater for use in drainage systems of buildings operating under gravity in accordance with EN 12056-1

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 54519

Tähtaeg: 2003-02-01

Identne prEN 1253-1:2002

Gullies for buildings - Part 1: Requirements

This standard classifies gullies, gives guidance for places of installation and specifies requirements for the construction, design, performance and marking of factory made gullies for buildings, irrespective of material, for use in drainage systems operating under gravity including siphonic systems

prEVS 54520

Tähtaeg: 2003-02-01

Identne prEN 1253-2:2002

Gullies for buildings - Part 2: Test methods

This standard specifies test methods for gullies for buildings according to prEN 1253-1:2002 and access covers in accordance with EN 1253-4

91.160.20

Välisvalgustus

Exterior building lighting

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 28731

Tähtaeg: 2003-02-01

Identne prEN 40-3-3:2002

Lighting columns - Part 3-3: Design and verification - Verification by calculation

This European Standard specifies the requirements for the verification of the design of lighting columns by calculation. It applies to post top columns not exceeding 20 m height for post top lanterns and to lighting columns with brackets not exceeding 18 m height for side entry lanterns

91.180

Siseviimistlus

Interior finishing

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 32564

Tähtaeg: 2003-02-01

Identne prEN 14527:2002

Shower trays for domestic purposes

This standard specifies requirements, test methods and procedures for evaluation of conformity for shower trays used for domestic purposes which ensure that the product, when installed, used and maintained in accordance with the manufacturer's instructions, will satisfy cleanability and durability when used for personal hygiene

91.220

Ehitusseadmed

Construction equipment

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 19410

Tähtaeg: 2003-02-01

Identne prEN 12629-8:2002

Machines for the manufacture of constructional products from concrete and calcium-silicate - Safety - Part 8: Machines and equipment for the manufacture of constructional products from calcium-silicate (and concrete)

This European Standard applies to hydraulic machines for the manufacture of bricks, blocks and elements of calcium-silicate (as illustrated in annexes A and B)

prEVS 19433

Tähtaeg: 2003-02-01

Identne prEN 12629-2:2002

Machines for the manufacture of constructional products from concrete and calcium-silicate - Safety - Part 2: Block making machines

This European Standard applies to machines for the manufacture of blocks, kerbs, paving stones and similar concrete products. This European Standard deals with all significant hazards pertinent to these machines, when they are used as intended under the conditions foreseen by the manufacturer (see clause 4). This European Standard specifies the appropriate technical measures to eliminate or reduce risks arising from the significant hazards

prEVS 19435

Tähtaeg: 2003-02-01

Identne prEN 12629-3:2002

Machines for the manufacture of constructional products from concrete and calcium-silicate - Safety - Part 3: Slide and turntable machines

This European Standard applies to machines for the manufacture of constructional products of calcium silicate or concrete, where the mould(s) is (are) mounted on a turning or slide moving table. The motive power for compressing the mixture is effected either mechanically (annexes A, B), or hydraulically (annexes C and D)

93.010

Rajatised üldiselt

Civil engineering in general

KAVANDITE

ARVAMUSKÜSITLUS

93.020

Mullatööd. Süvendid.

Vundamendiehitus.

Allmaatööd

Earthworks. Excavations.

Foundation construction.

Underground works

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 13011

Tähtaeg: 2003-02-01

Identne prEN 1552:2002

Underground mining machines - Mobile extracting machines at the face - Safety requirements for shearer loaders and plough systems

This European Standard specifies safety requirements which shall be met to minimize the hazards listed in clause 4 that may occur during the assembly, use, maintenance, repair, decommissioning, disassembly and disposal of shearer loaders and plough systems when operated in accordance with the manufacturer's requirements in underground mining

prEVS 54573

Tähtaeg: 2003-02-01

Identne ISO/DIS 22476-2:2002

ja identne prEN 22476-2:2002

Geotechnical investigation and testing - Field testing - Part 2: Dynamic probing

This European standard specifies requirements for indirect investigations of soil by Dynamic Probing within the scope of the geotechnical investigations according to ENV 1997

prEVS 54575

Tähtaeg: 2003-02-01

Identne ISO/DIS 22476-3:2002

ja identne prEN 22476-3:2002

Geotechnical investigation and testing - Field testing - Part 3: Standard penetration test

This European standard specifies requirements for indirect investigations of soil by standard penetration test within the scope of the geotechnical investigations according to ENV 1997. The standard penetration test is used mainly for the determination of the strength and deformation properties of cohesionless soils, but some valuable data may also be obtained in other types of soils

prEVS 54703

Tähtaeg: 2003-02-01

Identne ISO 14688-1:2002

ja identne EN ISO 14688-1:2002

Geotechnical investigation and testing - Identification and classification of soil - Part 1: Identification and description

This part of ISO 14688, together with ISO 14688-2, establishes the basic principles for the identification and classification of soils on the basis of those material and mass characteristics most commonly used for soils for engineering purposes

93.030

Kanalisatsioon välisvõrgud

External sewage systems

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 39897

Tähtaeg: 2003-02-01

Identne prEN 13476-1:2002

Plastics piping systems for non-pressure underground drainage and sewerage - Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 1: Specifications for pipes, fittings and the system

This European Standard specifies the definitions and requirements for pipes, fittings and the system of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) structured-wall piping systems in the field of non-pressure underground drainage and sewerage

prEVS 40204

Tähtaeg: 2003-02-01

Identne prEN 13566-1:2002

Plastics piping systems for renovation of underground nonpressure drainage and sewerage networks - Part 1: General

This standard specifies the requirements and test methods for plastics piping systems used for renovation of underground non-pressure drainage and sewerage networks which are operated as gravity systems and subject to a maximum surcharge pressure of 0,5 bar. It is applicable to pipes and fittings as manufactured as well as to the installed plastics lining system; it does not cover the existing pipeline or any annular filler

prEVS 40205

Tähtaeg: 2003-02-01

Identne prEN 13566-3:2002

Plastics piping systems for renovation of underground nonpressure drainage and sewerage networks - Part 3: Lining with close-fit pipes

This Part 3 of prEN 13566, read in conjunction with prEN 13566-1, specifies requirements and test methods for close-fit lining systems intended to be used for the renovation of non-pressure drainage and sewerage networks. It covers pipes and fittings made of polyethylene (PE) or unplasticized poly(vinyl chloride) (PVC-U). It is applicable to the plastic lining system only. It does not cover the requirements for the existing pipeline

prEVS 40206

Tähtaeg: 2003-02-01

Identne prEN 13566-4:2002

Plastics piping systems for renovation of underground nonpressure drainage and sewerage networks - Part 4: Lining with cured-in-place pipes

This Part 4 of prEN 13566, in conjunction with Part 1, specifies requirements and test methods for cured-in-place pipes and fittings used for renovation of underground non-pressure drainage and sewerage networks. It covers the use of various thermosetting resin systems in combination with compatible fibrous carrier materials and other process-related plastics components as defined in 4.1

prEVS 40207

Tähtaeg: 2003-02-01

Identne prEN 13598-1:2002

Plastics piping systems for non-pressure underground drainage and sewerage - Unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 1: Specifications for ancillary fittings including shallow inspection chambers

This European Standard specifies the definitions and requirements for ancillary fittings of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP), and polyethylene (PE) intended to be used in non-pressure underground drainage and sewerage systems, conforming to EN 476:1997:a) outside the building structure (application area code U), reflected in the marking of products by U, and b) both buried in ground within the building structure (application area code D) and outside the building structure (application area code U),

reflected in the marking of products by UD

93.040

Sillaehitus

Bridge construction

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54497

Tähtaeg: 2003-02-01

Identne prEN 1991-2:2002

Eurokoodeks 1:

Ehituskonstruksioonide koormused. Osa 2: Sildade liikluskoormused

prEN 1991-2 defines imposed loads (models and representative values) associated with road traffic, pedestrian actions and rail traffic which include, when relevant, dynamic effects and centrifugal, braking and acceleration actions and actions for accidental design situations

93.080

Teedeehitus

Road engineering

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54772

Tähtaeg: 2003-02-01

Identne prEN 12966-1:2002

Vertical road traffic signs - Part 1: Variable message signs

This part of EN 12966 specifies requirements for new Variable Message Signs (VMS). VMS comprise two types, Continuous and Discontinuous signs : - continuous signs are those that are similar to fixed signs, the only difference being that by some electro-mechanical means they can show various messages ; - discontinuous signs create messages using individual elements that can be in one of two states (or more) and can thereby create various messages on the same sign face

93.080.20

Teedeehitusmaterjalid

Road construction materials

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 31926

Tähtaeg: 2003-02-01

Identne prEN 12697-6:2002
Bituminous mixtures - Test methods for hot mix asphalt - Part 6: Determination of bulk density of bituminous specimens by hydrostatic method

This European Standard describes test methods for determining the bulk density of a compacted bituminous specimen. The test methods are intended for use with laboratory compacted specimens or specimens from cores cut from the pavement after placement and compacting

prEVS 31930

Tähtaeg: 2003-02-01

Identne prEN 12697-8:2002
Bituminous mixtures - Test methods for hot mix asphalt - Part 8: Determination of void characteristics of bituminous specimens

This European Standard describes a procedure for calculating two volumetric characteristics of a compacted bituminous specimen: the air voids content (V_m) and the voids content in the mineral aggregate filled with binder (VFB)

prEVS 31933

Tähtaeg: 2003-02-01

Identne prEN 12697-36:2002
Bituminous mixtures - Test methods for hot mix asphalt - Part 36: Determination of the thickness of a bituminous pavement

This European Standard describes two test methods for determining the thickness of a bituminous pavement. The first method describes measurements carried out on one or more cores which have been drilled from the full depth of the slab or road structure (destructive method). The second method electro-magnetic (non-destructive) measurement are used

prEVS 33487

Tähtaeg: 2003-02-01

Identne prEN 12272-3:2002
Surface dressing - Test method - Part 3: Determination of binder aggregate adhesivity by the Vialit plate shock test method

This European Standard specifies the measurement of the binder aggregate adhesivity, and the influence of adhesion agents or interfacial dopes an adhesion characteristics as an aid to design binder aggregate systems for surface dressing. It is not intended that this method is used an site for quality control

prEVS 33491

Tähtaeg: 2003-02-01

Identne prEN 12274-2:2002
Slurry surfacing - Test methods - Part 2: Determination of residual binder content

This European Standard describes a test method for determining the residual binder content for samples of slurry mixes. It also describes the method for removing water from the samples before carrying out the extraction test

prEVS 35148

Tähtaeg: 2003-02-01

Identne prEN 13036-7:2002
Road and airfield surface characteristics - Test methods - Part 7: Irregularity measurement of pavement courses - the straightedge test

This European Standard describes a standard apparatus and a test method (see NOTE of A.1) for measuring single irregularities attributable to quality defects in new surface course(s) of roads, airfields and other trafficked surfaces as well as in-service surfaces

prEVS 35661

Tähtaeg: 2003-02-01

Identne prEN 12697-32:2002
Bituminous mixtures - Test methods for hot mix asphalt - Part 32: Laboratory compaction of bituminous mixtures by vibratory compactor

This European Standard describes a test method for the preparation of bituminous test specimens using a vibratory compaction technique

prEVS 35825

Tähtaeg: 2003-02-01

Identne prEN 12697-15:2002
Bituminous mixtures - Test methods for hot mix asphalt - Part 15: Determination of the segregation sensitivity

This European Standard specifies a test method for the determination of the mixing quality and the tendency of segregation in composition of hot bituminous mixtures. This test method is considered suitable for design purposes and for client information

prEVS 37926

Tähtaeg: 2003-02-01

Identne prEN 13286-5:2002
Unbound and hydraulically bound mixtures - Part 5: Test method for the determination of the laboratory reference density and water content - Vibrating table

This European Standard describes a method for the determination of the maximum dry density and water content of cohesionless materials when compacted using a vibrating table. The method utilizes vibratory compaction to obtain maximum density under saturated conditions

prEVS 37933

Tähtaeg: 2003-02-01

Identne prEN 13286-2:2002
Unbound and hydraulically bound mixtures - Part 2: Test method for the determination of the laboratory reference density and water content - Proctor compaction

This European Standard describes test methods for the determination of the relationship between the water content and the dry density of hydraulically bound or unbound mixtures after compaction under specified test conditions using Proctor compaction. It allows an estimate of the mixture density that can be achieved on construction sites and provides a reference parameter for assessing the density of the compacted layer of the mixture

prEVS 37939

Tähtaeg: 2003-02-01

Identne prEN 13286-1:2002
Unbound and hydraulically bound mixtures - Part 1: Test method for the determination of the laboratory reference density and water content - Introduction, general requirements and sampling

This European Standard describes a number of test methods for the determination of the relationship between the water content and the density of unbound and hydraulically bound mixtures under specified test conditions. The test results provide an estimate of the mixture density that can be achieved on construction sites and provides a reference parameter for assessing the density of the compacted layer of the mixture
prEVS 37941

Tähtaeg: 2003-02-01

Identne prEN 13286-3:2002

Unbound and hydraulically bound mixtures - Part 3: Test method for the determination of the laboratory reference density and water content - Vibrocompression with controlled parameters

This European Standard describes a method for the determination of the laboratory dry density, the water content and the difficulty of compaction of a hydraulically bound or unbound mixture using vibrocompression with controlled parameters

prEVS 37943

Tähtaeg: 2003-02-01

Identne prEN 13286-4:2002

Unbound and hydraulically bound mixtures - Part 4: Test method for the determination of the laboratory reference density and water content - Vibrating hammer

This European Standard describes a method for the determination of the relationship between the dry density and water content of a mixture when compacted using a vibrating hammer

prEVS 37946

Tähtaeg: 2003-02-01

Identne prEN 13285:2002

Unbound mixtures - Specification

This European Standard specifies requirements for unbound mixtures used for construction and maintenance of roads, airfields and other trafficked areas. The requirements are defined with appropriate cross-reference to EN 13242

prEVS 39396

Tähtaeg: 2003-02-01

Identne prEN 12272-2:2002

Surface dressing - Test methods - Part 2: Visual assessment of defects

This European Standard is applicable to all surface dressings (roads, airfields and other trafficked areas) and specifies qualitative and quantitative methods of the visual assessment of defects of surface dressing. The results of the qualitative evaluation carried out by visual assessment when specified shall be reported in annex A. This is a rapid practical test and may be specified as the primary test so that if the results are obvious or are without any doubt the more time consuming quantitative test method may be avoided

prEVS 54466

Tähtaeg: 2003-02-01

Identne prEN 12274-4:2002

Slurry surfacing - Test methods - Part 4: Determination of cohesion of the mix

This European Standard describes a test method for determining the minimum cohesion of a slurry surfacing mix which enables the set time and trafficability time to be determined. This European Standard applies to slurry surfacing to be used in surface layers

prEVS 54467

Tähtaeg: 2003-02-01

Identne prEN 12274-5:2002

Slurry surfacing - Test method - Part 5: Determination of wearing

This European Standard describes a test method for the design of slurry mix based on the determination of the minimum binder content of the mix under wet track abrasion conditions. This European Standard applies to slurry surfacing to be used in surface layers

prEVS 54523

Tähtaeg: 2003-02-01

Identne prEN 13286-46:2002

Unbound and hydraulically bound mixtures - Part 46: Test method for the determination of the moisture condition value (MCV)

This European Standard describes the method for the determination of the Moisture Condition Value (MCV) of mixtures. The MCV test determines the suitability of a mixture for placing, compaction and trafficking by construction equipment

prEVS 54836

Tähtaeg: 2003-02-01

Identne prEN 13286-44:2002

Unbound and hydraulically bound mixtures - Part 44: Test method for the determination of the alpha coefficient of vitrified blast furnace slag

This European Standard describes a test method for the determination of the alpha (α) coefficient of vitrified blast furnace slag. This European Standard applies to vitrified blast furnace slag obtained by granulation or by pelletizing

prEVS 55052

Tähtaeg: 2003-02-01

Identne prEN 13877-2:2002

Concrete pavements - Part 3: Specifications for dowels to be used in concrete pavements

This European Standard is applicable to dowels for concrete pavements cast in situ and compacted by vibration or fluidified. It specifies the requirements for dowels to be used in concrete pavements for roads, airfields and other trafficked areas

prEVS 55053

Tähtaeg: 2003-02-01

Identne prEN 13877-3:2002

Bituminous mixtures - Material specifications - Part 20: Type testing

This European Standard specifies Type Testing procedures for use for the validation of bituminous materials. The Type Testing procedure shall be applied to all harmonised elements of Harmonised European Standards and European Technical Approvals for bituminous materials if the CE- mark of conformity is to be applied. The system may also be applied to non-harmonised elements and to situations where CE- marking is not mandatory

93.080.30

Teepäraldised

Road equipment and installations

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54456

Tähtaeg: 2003-02-01

Identne EN 12676-

1.2000/prA1:2002

Anti-glare systems for roads - Part 1: Performances and characteristics

This standard specifies the characteristics of an anti-glare system in terms of their optical effectiveness and the mechanical performance of its elements. It gives a method for the determination of the optical performance of anti-glare systems by calculation. Requirements and recommendations for the design of anti-glare systems to minimize maintenance are also given
prEVS 54773

Tähtaeg: 2003-02-01

Identne prEN 12966-2:2002

Vertical road traffic signs - Part 2: Variable message signs - Initial type testing

This part of this standard describes the requirements for initial type testing (ITT) as required by the construction product directive (CPD) in support of its legal requirements to assess the essential characteristics. Variable message signs shall comply with this standard as part of the evaluation of conformity procedure. It is to be considered as a procedure for the manufacturer and the certification bodies involved in the ITT of variable message signs
prEVS 54774

Tähtaeg: 2003-02-01

Identne prEN 12966-3:2002

Vertical road traffic signs - Part 3: Variable message signs - Factory production control

This part of this European standard describes the requirements on Factory Production Control (FPC) system 1, as required by the Directive 89/106/EEC in support of its legal requirements, with which the manufacturers of variable message signs shall comply, when their products have to bear the European Commission conformity marking: CE marking. It is based upon the requirements of the Construction Products Directive (CPD: Bibliography, ref. 1) and on the guidance given by the European Commission (EC) for the Factory Production Control (FPC) of construction products (Bibliography, ref. 2)
prEVS 54795

Tähtaeg: 2003-02-01

Identne prEN 12899-3:2002

Fixed, vertical road traffic signs - Part 3: Delineator posts and retroreflectors

This part of EN 12899 describes requirements for new delineator posts and for new retroreflectors. Colorimetric, retroreflective and physical properties are specified for new products. To define durability this standard also includes performance levels to be maintained after natural weathering exposure. No requirements are given for the use of colours, dimensions and tolerances of delineator posts and retroreflectors, which shall conform to customer's requirements and for shape or size of any characters or symbols on delineator posts

93.080.99

Muud tee-ehitusega seotud standardid

Other standards related to road engineering

KAVANDITE ARVAMUSKÜSITLUS

prEVS 39503

Tähtaeg: 2003-02-01

Identne prEN 13524:2002

Highway maintenance machines - Safety requirements

This European Standard applies to machines used for highway maintenance which are attached to or mounted on carrier vehicles and which are defined in clause 3.

Directives and standards for the vehicular truck chassis aspect, termed 'carrier vehicle' in this standard, would be those relevant to that equipment, even where specific modifications have been made to realise the machines for highway maintenance application. The use in public road traffic is governed by the national regulations

93.100

Raudtee-ehitus

Construction of railways

UUED STANDARDID

EVS-EN 13481-2:2002

Hind 117,00

Identne EN 13481-2:2002

Railway applications - Track - Performance requirements for fastening systems - Part 2:

Fastening systems for concrete sleepers

This European Standard is applicable to fastening systems for use on concrete sleepers in ballasted track as follows:-main lines having a radius of curvature greater than 150 m and subject to a maximum design axle load of 260 kN;- light rail systems having a radius of curvature greater than 80 m and subject to a maximum design axle load of 130 kN

EVS-EN 13481-3:2002

Hind 92,00

Identne EN 13481-3:2002

Railway applications - Track - Performance requirements for fastening systems - Part 3: Fastening systems for wood sleepers

This European Standard is applicable to fastening systems for use on wood sleepers in ballasted track as follows: - main lines having a radius of curvature greater than 150 m and subject to a maximum design axle load of 260kN; - light rail systems having a radius of curvature greater than 80 m and subject to a maximum design axle load of 130 kN

EVS-EN 13481-4:2002

Hind 101,00

Identne EN 13481-4:2002

Railway applications - Track - Performance requirements for fastening systems - Part 4: Fastening systems for steel sleepers

This European Standard is applicable to fastening systems for use on steel sleepers in ballasted track as follows: - main lines having a radius of curvature greater than 150 m and subject to a maximum design axle load of 260 kN; - light rail systems having a radius of curvature greater than 80 m and subject to a maximum design axle load of 130 kN

EVS-EN 13481-5:2002

Hind 117,00

Identne EN 13481-5:2002

Railway applications - Track - Performance requirements for fastening systems - Part 5: Fastening systems for slab track

This European Standard is applicable to fastening systems for use in attaching rails to the uppermost surface of concrete or asphalt slabs in non-ballasted track construction as follows: - main lines having radius of curvature greater than 150 m and subject to maximum design axle load of 260

kN; - light rail systems having a radius of curvature greater than 40 m and subject to a maximum design axle load of 130 kN

97.040.20

Pliidid, töölaudad, ahjud jms

Cooking ranges, working tables, ovens and similar appliances

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54554

Tähtaeg: 2003-01-01

Identne EN 60335-2-

9:1995/A12:2002

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

Deals with the safety of portable electric appliances having a cooking function such as baking, roasting and grilling, intended for household purposes, their rated voltage being not more than 250 V.

97.040.50

Köögi väikevahendid

Small kitchen appliances

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54554

Tähtaeg: 2003-01-01

Identne EN 60335-2-

9:1995/A12:2002

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

Deals with the safety of portable electric appliances having a cooking function such as baking, roasting and grilling, intended for household purposes, their rated voltage being not more than 250 V.

97.100.10

Elektriga köetavad kütteseadmed

Electric heaters

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 39457

Tähtaeg: 2003-01-01

Identne IEC 60299:1994

ja identne EN 60299:1994

Household electric blankets - Methods for measuring performance

This standard applies to electrically heated blankets for household use.

This standard defines the main performance characteristics of electric blankets and specifies methods for measuring these characteristics for the information of users. This standard does not specify values for performance characteristics.

97.100.20

Gaasiga köetavad kütteseadmed

Gas heaters

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 16347

Tähtaeg: 2003-02-01

Identne prEN 1266:2002

Independent gas-fired convection heaters incorporating a fan to assist transportation of combustion air and/or flue gases

This European Standard specifies the requirements and test methods for the construction, safety, marking and rational use of energy of independent gas-fired convection heating appliances that are fitted with fan-assisted atmospheric burners, or fully pre-mixed burners

97.100.30

Tahkekütusega köetavad kütteseadmed

Solid fuel heaters

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54776

Tähtaeg: 2003-02-01

Identne EN

13240:2001/prA1:2002

Roomheaters fired by solid fuel - Requirements and test methods

This standard is applicable to non-mechanically fired appliances which are listed under categories 1a and 2a of table 1. These appliances provide heat into the space where they are installed. This standard also covers slow heat release appliances having thermal storage capacity such that they can provide heat for a period of time after the fire has gone out and are listed under category 1a of table 1

97.120

Majapidamisautomaatika

Automatic controls for household use

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 30650

Tähtaeg: 2003-01-01

Identne IEC 60730-2-

19:1997+A1:2000

ja identne EN 60730-2-19:2002

Automatic electrical controls for household and similar use - Part 2-19: Particular requirements for electrically operated oil valves, including mechanical requirements

This part 2 of IEC 730 applies to electrically operated oil valves for use in, on or in association with equipment for household and similar use that use electricity, in combination with fuel in the liquid state such as distillates, residual fuels, etc. This part 2 also applies to electrically operated oil valves using NTC or PTC thermistors, requirements for which are contained in annex J.

97.145

Redelid

Ladders

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 34056

Tähtaeg: 2003-02-01

Identne prEN 12951:2002

Prefabricated accessories for roofing - Permanently fixed roof ladders - Product specification and test methods

This European Standard applies to permanently fixed ladders made of metal which are permanently installed on the load-bearing construction of pitched roofs and which may be stepped or walked on for purposes of inspection, maintenance and repair of equipment installed above the roof surface

97.150

Mittetekstiilsed pörandakatted

Non-textile floor coverings

KAVANDITE ARVAMUSKÜSITLUS

prEVS 32256

Tähtaeg: 2003-02-01

Identne prEN 14521:2002

Resilient floor coverings - Specification for smooth rubber floor coverings with or without foam backing and with decorative layer

This European Standard specifies the characteristics of smooth, grained or embossed rubber coverings with a decorative surface layer, with or without a foam backing supplied in either tile or roll form

prEVS 54516

Tähtaeg: 2003-02-01

Identne EN 660-

1:1999/prA1:2002

Resilient floor coverings - Determination of wear resistance - Part 1: Stuttgart test

This European Standard describes the Stuttgart method for determining the wear resistance layer of polyvinyl chloride floor coverings under laboratory conditions. The method is applicable to polyvinyl chloride floor coverings with smooth surfaces

prEVS 54517

Tähtaeg: 2003-02-01

Identne EN 660-

2:1999/prA1:2002

Resilient floor coverings - Determination of wear resistance - Part 2: Frick-Taber test

This European Standard describes the Frick-Taber method for determining the wear resistance of the wear layer of polyvinyl chloride floor coverings under laboratory conditions. The test method is applicable to floor coverings with smooth surfaces

prEVS 54518

Tähtaeg: 2003-02-01

Identne EN 685:1995/prA1:2002

Elastsed pörandakatted.

Liigitus

This European Standard establishes a classification system for resilient floor coverings. The classification is based on practical requirements for areas of use and intensity of use and is linked to the requirements specified in the European Standard for each type of resilient floor covering. This standard is also intended to give guidance to manufacturers, specifiers and consumers to enable them to choose the appropriate class of resilient floor covering for any given area of use or specific room. NOTE - The wear and appearance of resilient floor coverings are influenced by standards of installation and maintenance, the condition of the subfloor and the kind of use (type of footwear, high concentrations of localized traffic, etc.). These factors should be taken into account when using this classification system

97.190

Seadmed lastele

Equipment for children

UUED STANDARDID

EVS-EN 12790:2002

Hind 139,00

Identne EN 12790:2002

Child care articles - Reclined cradles

This standard specifies safety requirements and the corresponding test methods for fixed or folding reclined cradles intended for children up to 6 months and or up to a weight of 9 kg

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54481

Tähtaeg: 2003-02-01

Identne EN 1176-

1:1998/prA2:2002

Mänguväljaku seadmed. Osa 1: Üldised ohutusnõuded ja katsemeetodid

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

97.200.40

Mänguväljakud

Playgrounds

KAVANDITE ARVAMUSKÜSITLUS

prEVS 54481

Tähtaeg: 2003-02-01

Identne EN 1176-

1:1998/prA2:2002

Mänguväljaku seadmed. Osa 1: Üldised ohutusnõuded ja katsemeetodid

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

prEVS 54482

Tähtaeg: 2003-02-01

Identne EN 1176-

2:1998/prA1:2002

Mänguväljaku varustus. Osa 2: Täiendavad spetsiaalsed ohutusnõuded ja katsemeetodid kiikede jaoks

This standard specifies additional safety requirements for swings intended for permanent installation for use by children
prEVS 54483

Tähtaeg: 2003-02-01

Identne EN 1176-3:2002

Mänguväljaku seadmed. Osa 3: Täiendavad spetsiaalsed ohutusnõuded ja

katsemeetodid liumägede jaoks

This standard specifies additional safety requirements for slides intended for permanent installation and for use by children. It is not applicable to waterslides, rollerways or slide installations, where auxiliary equipment such as mats or sledges are used
prEVS 54484

Tähtaeg: 2003-02-01

Identne EN 1176-

4:1998/prA1:2002

Mänguväljaku seadmed. Osa 4: Täiendavad spetsiaalsed ohutusnõuded ja

katsemeetodid kiirusradade jaoks

This standard specifies additional safety requirements for runways intended for permanent installation for use by children. This standard is applicable to runways that children travel on, or along a cable, by the use of gravity
prEVS 54485

Tähtaeg: 2003-02-01

Identne EN 1176-

5:1998/prA2:2002

Playground equipment - Part 5: Additional specific safety requirements and test methods for carousels

This standard specifies additional safety requirements for carousels of diameter greater than 0,5 m intended for permanent installation for use by children. This standard is applicable to carousels that are used as playground equipment for children and is not applicable to motor-driven carousels, fairground carousels or climbing drums

97.200.50

Mänguasjad

Toys

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 26516

Tähtaeg: 2003-01-01

Identne IEC 60598-2-

10:1987+A1:1990+A2:1995

ja identne EN 60598-2-10:1989+A1:1991+A2:1995

Luminaired - Part 2: Particular requirements - Section Ten:

Portable child-appealing luminaires

This section of Part 2 of IEC Publication 598 specifies requirements for portable child-appealing luminaires for use with tungsten filament lamps on supply voltages not exceeding 24 V (SELV). It is to be read in conjunction with those sections of Part 1 to which reference is made.
prEVS 54453

Tähtaeg: 2003-02-01

Identne EN 71-1:1998/prA8:2002

Mänguasjade ohutus. Osa 1: Mehaanilised ja füüsilised 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

97.220.30

Spordisaali varustus

Indoor sports equipment

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54480

Tähtaeg: 2003-02-01

Identne prEN 957-2:2002

Statsionaarne

treenimisvarustus. Osa 2:

Jõutreeninguvarustus, täiendavad spetsiaalsed

ohutusnõuded ja katsemeetodid

This part of the standard specifies additional safety requirements for strength training stationary equipment in addition to the general safety requirements of EN 957-1. It amends and supplements EN 957-1. The requirements of this specific standard take priority over those in the general standard
prEVS 55042

Tähtaeg: 2003-02-01

Identne prEN 748:2002

Playing field equipment - Football goals - Functional and safety requirements, test methods

This European Standard specifies the functional requirements for 3 types and 2 sizes (see clause 3) and the safety requirements (see clause 4) for football goals. It is applicable to football goals for training and competition in outdoor sports facilities and indoor arenas
prEVS 55044

Tähtaeg: 2003-02-01

Identne prEN 1509:2002

Playing field equipment - Badminton equipment -

Functional and safety requirements, test methods

This European Standard specifies the functional requirements (see clause 3) and the safety requirements (see clause 4) for badminton equipment, excluding rackets and shuttlecocks. This European Standard is applicable to 3 types of badminton equipment (see 3.1) which are used indoors
prEVS 55046

Tähtaeg: 2003-02-01

Identne prEN 1271:2002

Playing field equipment - Volleyball equipment -

Functional and safety requirements, test methods

This European Standard specifies the functional requirements (see clause 3) and the safety requirements (see clause 4) for volleyball equipment. This European Standard is applicable to 2 types and 3 classes of volleyball equipment (see 3.1) which are used indoors and outdoors

97.220.40

Välis- ja veespordi tarbed

Outdoor and water sports equipment

KAVANDITE

ARVAMUSKÜSITLUS

prEVS 54549

Tähtaeg: 2003-02-01

Identne EN 12492:2000/A1:2002

Mountaineering equipment - Helmets for mountaineers -

Safety requirements and test methods

This standard specifies safety requirements and test methods for safety helmets for use in mountaineering.
prEVS 55041

Tähtaeg: 2003-02-01

Identne prEN 748:2002
**Playing field equipment -
Football goals - Functional and
safety requirements, test
methods**

This European Standard specifies the functional requirements for 3 types and 2 sizes (see clause 3) and the safety requirements (see clause 4) for football goals. It is applicable to football goals for training and competition in outdoor sports facilities and indoor arenas
prEVS 55043

Tähtaeg: 2003-02-01

Identne prEN 750:2002
**Playing field equipment -
Hockey goals - Functional and
safety requirements, test
methods**

This European Standard specifies the functional requirements for 2 types (see clause 3) and the safety requirements (see clause 4) for hockey goals. This European Standard is applicable to goals for training and competition intended to be used for outdoor hockey. Goals intended to be used for indoor hockey see EN 749
prEVS 55045

Tähtaeg: 2003-02-01

Identne prEN 1510:2002
**Playing field equipment -
Tennis equipment - Functional
and safety requirements, test
methods**

This European standard specifies the functional requirements (see clause 3) and the safety requirements (see clause 4) of tennis equipment, excluding rackets and balls. This European Standard is applicable to 3 types of tennis equipment (see 3.1) which are used indoors and outdoors

99

(Nimetusetä)

**KAVANDITE
ARVAMUSKÜSITLUS**

prEVS 54506

Tähtaeg: 2003-02-01

Identne prEN 1062-7:2002

**Paints and varnishes - Coating
materials and coating systems
for exterior masonry and
concrete - Part 7: Determination
of crack bridging properties**

This European Standard specifies two methods for determining the crack-bridging properties of coating materials, coating systems and related products, intended for exterior masonry and concrete. It also gives a classification of coatings on the basis of their crack-bridging properties. The method to be used for a particular product or system is to be agreed between the interested parties
prEVS 54635

Tähtaeg: 2003-02-01

Identne prEN 14543:2002
**Specification for dedicated
liquefied petroleum gas
appliances - Patio heaters - LPG
Flueless patio heaters for
outdoor and ventilated area use**

This European standard sets out the design, safety and marking requirements and test methods for flueless patio heaters for outdoor or ventilated area use only. These appliances are for use exclusively with gases of the third family as defined in 4

prEVS 54735

Tähtaeg: 2003-02-01

Identne ISO/DIS 21281:2002
ja identne prEN ISO 21281:2002
**Construction and layout of
pedals of self-propelled
industrial trucks sit-down rider-
controlled - Rules for the
construction and layout of
pedals**

This international Standard shall apply to self propelled sit-down rider controlled industrial trucks as defined in ISO 3691

prEVS 54771

Tähtaeg: 2003-02-01

Identne ISO/DIS 9864:2002

ja identne prEN ISO 9864:2002

**Geosynthetics - Test method for
the determination of mass per
unit area of geotextiles and
geotextile-related products**

This standard specifies a method for the determination of mass per unit area of geotextiles and geotextile-related products for identification purposes and for use in technical data sheets. The method is applicable to all geotextiles and geotextile-related products
prEVS 54790

prEVS 54790

Tähtaeg: 2003-02-01

Identne prEN 14564:2002

**Tanks for transport of
dangerous goods - Terminology**

This standard gives the terminology of tank for the transport of dangerous goods. This standard is part of the whole technical code produced by CEN/TC 296 in application of the ADR-Directive (94/55/CE) and RID-Directive (96/49/CE). This standard provides uniform terminology for all technical terms which require definition in addition to regulatory definitions based in RID/ADR, and specific terms defined in other standards of the technical Code

prEVS 54792

Tähtaeg: 2003-02-01

Identne prEN 14572:2002

**High performance helmets for
equestrian activities**

This European Standard specifies requirements for high performance protective helmets, that may or may not have a peak, for people involved in equestrian activities. It gives safety requirements that include methods of test and levels of performance for shock absorption, for resistance to penetration and for the strength and effectiveness of the retention system and the deflection of a peak if fitted

prEVS 54805

Tähtaeg: 2003-02-01

Identne prEN 14570:2002

**Equipping of LPG tanks,
overground and underground**

This European standard specifies requirements for the equipping of LPG overground and underground static storage tanks, with a volume not greater than 13m³. Equipment concerned is directly mounted onto the tank connections. This European standard excludes storage tanks at automotive refuelling stations, depot storage tanks and refrigerated storage tanks
prEVS 54950

prEVS 54950

Tähtaeg: 2003-02-01

Identne prEN 14574:2002

**Geosynthetics - Determination
of the pyramid puncture
resistance of supported
geosynthetics**

This draft European standard specifies an index test method to determine the pyramid puncture resistance of a geosynthetic on a rigid support. This method simulates a geosynthetic efficiency in protecting a geosynthetic barrier or other contact surface against sharp rigid elements under short term loading

prEVS 54956

Tähtaeg: 2003-02-01

Identne prEN 14575:2002

**Geosynthetic barriers -
Screening test method for
determining the resistance to
oxidation**

This draft European standard specifies a test method for screening the resistance of polymeric and bituminous geosynthetic barriers to oxidation. The data are suitable for screening but not for deriving performance data such as lifetime unless supported by further evidence

prEVS 54957

Tähtaeg: 2003-02-01

Identne prEN 14576:2002

**Geosynthetics - Test method for
determining the resistance of
polymeric geosynthetic barriers
to environmental stress
cracking**

This European draft standard specifies a test method for screening the resistance of polymeric geosynthetic barriers to stress cracking. The test is applicable to polypropylene and polyethylene based products and to all other polymeric geosynthetic barriers which have a partially crystalline structure

prEVS 54958

Tähtaeg: 2003-02-01

Identne prEN 14581:2002

**Natural stone test methods -
Determination of thermal
expansion coefficient**

This European standard specifies methods to determine the linear thermal expansion coefficient of natural stone, either based on mechanical length-change measurements or using bonded electric strain gauges

prEVS 54961

Tähtaeg: 2003-02-01

Identne prEN 14579:2002

**Natural stone test methods -
Determination of sound speed
propagation**

The European Standard specifies a method for the determination of the velocity of propagation of pulses of ultrasonic longitudinal waves in natural stone

prEVS 54966

Tähtaeg: 2003-02-01

Identne prEN 14580:2002

**Natural stone test methods -
Determination of static elastic
modulus**

The standard specifies a method to determine the static elastic modulus of natural stone in uniaxial compression

prEVS 55028

Tähtaeg: 2003-02-01

Identne prEN 14585:2002

**Pressurised corrugated metal
hose assemblies**

This European standard specifies the requirements for material, design, manufacturing, testing and documentation for pressurised corrugated metal hose assemblies intended for use with pressure equipment and having a PS greater than 0,5 bar

prEVS 55051

Tähtaeg: 2003-02-01

Identne prEN 14586:2002

**Specification for landing valves
for dry riser and other dry main
systems for fire fighting in
buildings**

This Standard specifies requirements for Landing Valves for Dry Main systems in buildings. The valves generally comply with the Standards produced by CEN/TC 69 for General Purpose, Copper, Alloy, Gate, Globe and ball valves, suitable for installation as landing valves on Dry Risers/Mains. Additional requirements are specified for their use as fire hydrants in buildings

MÜÜGI TOP OKTOOBER 2002

1. EVS 811:2002	Hoone projekt	19
2. EVS-HD 637 S1:2002	Tugevoolupaigaldised nimivahelduvpingega üle 1 kV	17
3. EVS-EN ISO 9001:2001	Kvaliteedijuhtimissüsteemid. Nõuded	8
4. EVS-EN ISO 9000:2001	Kvaliteedijuhtimissüsteemid. Kogumik	8
5. EVS-EN ISO 9004:2001	Kvaliteedijuhtimissüsteemid. Juhised toimivuse parendamiseks	6
6. EVS-EN ISO/IEC 17025:2000	Katse- ja kalibreerimislaborite üldnõuded	6
7. EVS 613:2002	Liiklusmärgid ja nende kasutamine	4
8.	Kvaliteedijuhtimise põhimõtted	4
9. EVS-EN 12390-1:2002	Kivistunud betooni katsetamine. Osa 1: Kuju, mõõtmed ja muud katsekehadele ja vormidele esitatavad nõuded	3
10. EVS-EN 12390-2:2002	Kivistunud betooni katsetamine. Osa 2: Tugevuskatsete katsekehade valmistamine ja hoidmine	3

EESTI KEELES MÜÜGILE SAABUNUD STANDARDID

EVS 809-1:2002	Kuritegevuse ennetamine. Linnaplaneerimine ja arhitektuur. Osa 1: Linnaplaneerimine	212.-
EVS-EN 499:2002	Keevitumaterjalid. Kattega elektroodid legerimata ja peenterateraste käsikaarkeevituseks. Liigitamine	109.-
EVS-ISO 2108:2002	Informatsioon ja dokumentatsioon. Rahvusvaheline raamatu standardnumber (ISBN)	116.-
EVS-ISO 3297:2002	Informatsioon ja dokumentatsioon. Rahvusvaheline jadaväljaande standardnumber (ISSN)	156.-
EVS-ISO 1087-1:2002	Terminoloogiatöö. Sõnastik. Osa 1: Teooria ja rakendus	306.-
EVS-ISO 1087-2:2002	Terminoloogiatöö. Sõnastik. Osa 2: Arvutirakendused	262.-
EVS-EN 386:2002	Liimpuit. Teostusnõuded ja põhilised tootmisnõuded	117.-
EVS-EN 516:2002	Katuse valmistarvikud. Juurdepääsupaigaldised, astmelaiud ja astmed	101.-
EVS-EN 517:2002	Katuse valmistarvikud. Katuse turvakonksud	92.-
EVS-EN 1096-1:2002	Ehitusklaas. Pinnatud klaas. Osa 1: Määratlused ja liigitus	117.-
EVS-EN 1462:2002	Räästarennikonksud. Nõuded ja katsetamine	101.-
EVS-EN 1744-1:2002	Täitematerjalide keemiliste omaduste katsetamine. Osa 1: Keemiline analüüs	212.-

*Standardite müük toimub Standardikeskuses
tuba 11 tel 605 5060, 605 5061, faks 605 5070 myyk@evs.ee
ja kodulehe ostukorvis*

EESTI STANDARDIKESKUSE AMETLIK VÄLJAANNE
EVS TEATAJA

Teataja jätkab ilmumist nii trükitult kui elektrooniliselt

Arved 2003 a. tellimuse kohta väljastame tellimislehe alusel.

*Täname kõiki tellijaid ja soovime meeldivat
koostöö jätku uuel aastal!*

Soovin tellida aastaks 2003 EVS Teataja

PABERKANDJAL

550.-

ELEKTROONILISELT

550.-

PABERKANDJAL + ELEKTROONILISELT

650.-

Nimi _____

Asutus _____

Aadress _____

Telefon _____ E-post _____

Tasumise garanteerime

Kuupäev _____ Allkiri _____

INFO JA TELLIMINE Tel 605 5060 myyk@evs.ee faks 605 5070

Sisukord

EESTI UUDISED.....	1
TOIMETAJA VEERG.....	1
Kasemaa, S. CEN AASTAKOOSOLEKUL.....	2
Valdlo, T. UUS TEAVE KUTSUB KAASA LÕÖMA: IT STANDARDIMISE TEABEPÄEV.....	6
Nuut, A. RAAMATUKOGU STATISTIKA JA TÖÖ TULEMUSLIKKUSE HINDAMINE.....	8
ASFALDIPÄEV.....	10
NOVEMBRIKUU STANDARDID.....	11
METROLOOGIA.....	13
Vabson, V., Kübarsepp, T. VÕRDLUSMÕOTMISED VIHTIDE KALIBREERIMISEL EESTIS.....	13
ISO UUDISED.....	18
WTO SEKRETARIAADILT SAABUNUD TBT TEATISED.....	19
WTO SEKRETARIAADILT SAABUNUD SPS TEATISED.....	22
HARMONEERITUKS TUNNISTATUD.....	23
UUED STANDARDID JA KAVANDID ARVAMUSKÜSITLUSEKS.....	25
01.020 Terminoloogia (põhimõtted ja koordineerimine).....	27
01.040.01 Üldküsimumused. Terminoloogia. Standardimine. Dokumentatsioon (sõnavara).....	27
01.040.17 Metroloogia ja mõõtmine. Füüsilised nähtused (sõnavara).....	27
01.040.25 Tootmistehnoloogia (sõnavara).....	27
01.040.45 Raudteetehnika (sõnavara).....	27
01.040.61 Rõivatööstus (sõnavara).....	28
01.040.65 Põllumajandus (sõnavara).....	28
01.040.81 Klaasi- ja keraamikatööstus (sõnavara).....	28
01.040.91 Ehitusmaterjalid ja ehitus (sõnavara).....	28
01.040.93 Tsiiviliehitus (sõnavara).....	29
01.060 Suurused ja ühikud.....	29
01.070 Värvuskoodid.....	29
01.075 Tähtede tingtähised.....	29
01.080.20 Eriseadmete graafilised tingtähised.....	29
01.100.01 Tehnilised joonised.....	29
01.140.20 Infoteadused.....	29
03.120.10 Kvaliteedijuhtimine ja -tagamine.....	30
03.120.30 Statistiliste meetodite rakendamine.....	30
03.240 Postiteenused.....	30
07 MATEMAATIKA. LOODUSTEADUSED.....	30
11.040.01 Meditsiinivarustus üldiselt.....	31
11.040.10 Anesteesia-, hingamis- ja reanimatsioonivarustus.....	31
11.040.20 Transfusiooni, infusiooni ja süstimise varustus.....	31
11.040.50 Radiograafiaseadmed.....	31
11.040.55 Diagnostikaseadmed.....	32
11.040.60 Raviseadmed.....	32
11.040.70 Silmaraviseadmed.....	32
11.060.10 Hambaravimaterjalid.....	32
11.060.20 Hambaravivarustus.....	33
11.100 Laboratoorne meditsiin.....	33
11.120.01 Farmaatsia üldiselt.....	33
13.030 Jäätmed.....	33
13.030.40 Jäätmehoiud ja jäätmekäitluseadmed.....	33
13.030.99 Muud jäätmetega seotud standardid.....	34
13.040 Öhu kvaliteet.....	34
13.040.01 Öhu kvaliteet üldiselt.....	34
13.040.30 Töökeskonna öhu kvaliteet.....	34
13.040.99 Muud öhu kvaliteediga seotud standardid.....	35
13.060 Vee kvaliteet.....	35
13.060.70 Vee bioloogiliste omaduste määramine.....	35
13.110 Masinate ohutus.....	35
13.120 Ohutus kodus.....	35
13.180 Ergonoomia.....	35
13.220.20 Tulekaitsevahendid.....	36
13.220.40 Materjalide ja toodete süttivus ning põlemislaad.....	36
13.220.50 Ehitusmaterjalide ja -elementide tulepüsivus.....	37
13.220.99 Muud tulekaitsevahenditega seotud standardid.....	37
13.230 Plahvatusohutus.....	37

13.240 Ülerõhukaitse.....	38
13.260 Elektrilõögikaitse.....	38
13.300 Kaitse ohtlike kaupade eest.....	38
13.320 Häire- ja hoiatussüsteemid.....	39
13.340.10 Kaitserõivad.....	39
13.340.20 Pea kaitsevahendid.....	39
13.340.30 Respiraatorid.....	39
13.340.40 Kaitsekindad.....	40
13.340.50 Kaitsejalatsid.....	40
17 METROLOOGIA JA MÕÕTMINE. FÜSIKALISED NÄHTUSED.....	40
17.040.01 Joon- ja nurgamõõtmised üldiselt.....	40
17.040.20 Pindade omadused.....	40
17.060 Mahu, massi, tiheduse, viskoossuse mõõtmine.....	41
17.140.01 Akustilised mõõtmised ja müra vähendamise üldküsimumused.....	41
17.140.50 Elektroakustika.....	42
17.220 Elekter. Magnetism. Elektrilised ja magnetilised mõõtmised.....	43
17.220.01 Elekter. Magnetism. Elektrilised ja magnetilised mõõtmised. Üldised aspektid.....	43
17.220.02 Elektriliste ja magnetiliste suuruste mõõtmine.....	43
17.220.99 Muud elektri ja magnetismiga seotud standardid.....	43
17.240 Kiirgusmõõtmised.....	44
19.040 Keskkonnakatsed.....	44
19.080 Elektrilised ja elektroonilised katse- ja mõõtevahendid.....	46
19.100 Mittepurustav katsetamine.....	46
21.020 Masinate, aparaatide, seadmete karakteristikud ja konstruktsioon.....	47
21.060.01 Kinnituselemendid üldiselt.....	47
21.060.40 Needid.....	47
21.160 Vedrud.....	48
21.200 Hammasülekanded.....	48
23.020 Gaasi- ja vedelikumahutid.....	48
23.020.10 Statsionaarsed mahutid ja reservuaarid.....	48
23.020.30 Surveanumad, gaasiballoonid.....	48
23.040.10 Malm- ja terastorud.....	49
23.040.20 Plasttorud.....	49
23.040.40 Metallist toruliitmikud.....	49
23.040.60 Äärikud, muhvid jm toruühendused.....	50
23.040.70 Voolikud ja voolikuühendused.....	50
23.060.01 Sulgeseadmed üldiselt.....	50
23.060.10 Ventiid.....	50
23.060.30 Sübrid.....	50
23.060.40 Rõhuregulaatorid.....	50
23.060.50 Lühikese vahetega tagasilõögiklapid.....	51
23.080 Pumbad.....	51
23.120 Ventilaatorid. Puhurid. Kliimaseadmed.....	51
23.140 Kompressorid ja suruõhumasinad.....	51
25.040 Tööstusautomaatika süsteemid.....	51
25.040.40 Mõõtmine ja kontroll tööstusprotsessides.....	51
25.140.20 Elektritööriistad.....	52
25.160.10 Keevitustööd ja keevitaja kutseoskus.....	53
25.160.20 Elektroodid ja täidisem metallid.....	53
25.160.30 Keevitusseadmed.....	53
25.160.40 Keevislüüed.....	54
25.180.10 Elektrialjud.....	54
25.220.20 Pinnatöötus.....	55
25.220.40 Metallpinded.....	55
25.220.99 Muud pinnatöötus- ja pindamismeetodid.....	55
27.040 Gaasi- ja auruturbiinid. Aurumasinad.....	56
27.060.30 Katlad ja soojusvahetid.....	56
27.120.20 Tuumaelektrijaamad. Ohutus.....	57
27.120.99 Muud tuumaenergeetikaga seotud standardid.....	57
27.160 Päikesenergeetika.....	57
27.180 Tuulegeneraatorid jt alternatiivsed energiaallikad.....	58
27.200 Külmutustehnika.....	58
29.020 Elektrotehnika üldküsimumused.....	58
29.035.01 Isolatsioonimaterjalid üldiselt.....	59
29.035.20 Plastikust ja kummist isolatsioonimaterjalid.....	61
29.035.30 Klaasist ja keraamilised isolatsioonimaterjalid.....	62

29.035.99 Muud isolatsioonimaterjalid	62
29.040.10 Isoleerivad õlid	62
29.050 Juhid.....	63
29.060 Elektrijuhtmed, kaablid jm juhid	64
29.060.10 Elektrijuhid.....	64
29.060.20 Kaablid.....	64
29.080.10 Isolaatorid.....	65
29.080.30 Isolatsioonisüsteemid	65
29.120.30 Pistikud, pistikupesad, pistikühendused.....	65
29.120.40 Lülitid.....	65
29.120.50 Kaitsmed jm liigvoolukaitseaparaadid	65
29.120.60 Lülitus- ja juhtimisaparaadid	66
29.120.70 Releed.....	66
29.130.20 Madalpingelised lülitusseadmed ja nende juhtseadmed	67
29.140.10 Lambisoklid ja -pesad.....	68
29.140.30 Luminofoorlambid. Lahenduslambid.....	68
29.140.40 Valgustid	68
29.160.01 Pöörlevad masinad üldiselt.....	68
29.180 Trafod. Reaktorid.....	69
29.220.20 Happeakud ja -akupatareid.....	70
29.220.30 Leelisakud ja -akupatareid	70
29.220.99 Muud akud ja patareid.....	71
29.240 Elektrienergiaotusvõrgud.....	71
29.240.10 Alajaamad. Liigpingepiirid.....	71
29.240.20 Elektrienergiaotusliinid	71
29.260.20 Plahvatusohtlikus keskkonnas töötavad elektriseadmed.....	72
29.260.99 Muud eritingimustes töötavad elektriseadmed	72
31.020 Elektroonikaseadiste üldkõnimused	72
31.040.01 Takistid üldiselt.....	73
31.040.30 Termistorid.....	73
31.060.01 Kondensaatorid üldiselt	73
31.060.40 Elektrolüütilised tantaalkondensaatorid.....	74
31.060.50 Elektrolüütilised alumiiniumkondensaatorid.....	74
31.080.01 Pooljuhtseadised üldiselt.....	74
31.080.10 Diodid.....	74
31.080.99 Muud pooljuhtseadised	74
31.100 Elektronlambid	75
31.140 Piesoelektrilised seadised	75
31.180 Trükkülütused ja -plaadid	76
31.190 Elektroonikakomponentide koosted.....	76
31.220.10 Pistikseadised. Liitmikud	76
31.240 Elektronseadmete mehaanilised osad	78
33.040 Sidesüsteemid.....	78
33.040.40 Andmesidevõrgud.....	79
33.040.50 Liinid, ühendused, vooluahelad.....	79
33.040.99 Muud sideseadmed	79
33.060 Raadioside.....	80
33.060.20 Vastuvõtu- ja saateseadmed	81
33.060.30 Raadioreleeliinid ja statsionaarsed satelliitsidesüsteemid.....	81
33.060.70 Mobiilside, DECT.....	82
33.060.99 Muud raadioside seadmed.....	83
33.070 Mobiilside	83
33.080 Integraalteenustega digitaalvõrk (ISDN).....	84
33.100 Elektromagnetiline ühilduvus.....	85
33.100.10 Kiirgus.....	86
33.100.99 Elektromagnetilise ühilduvusega seonduvad muud küsimused.....	86
33.120.10 Koaksiaalkaablid. Lainejuhid.....	86
33.120.20 Juhtmed ja sümmeetrilised kaablid	88
33.120.30 Raadiosagedusliitmikud.....	88
33.120.40 Antennid	89
33.160.01 Audio- ja videoseadmed ning -süsteemid üldiselt	89
33.160.20 Raadiovastuvõtjad	90
33.160.30 Helisalvestussüsteemid.....	90
33.160.40 Videosalvestussüsteemid.....	91
33.160.50 Lisaseadmed.....	92
33.160.60 Multimeedia süsteemid ja telekonverentsi seadmed	92

33.170	Televisiooni- ja raadiolevi	93
33.180.10	Optilised kiud ja kaablid	93
33.180.20	Kiudoptika liitmikud	94
33.180.99	Muud kiudoptikaseadmed	95
33.200	Telemehaanika	95
35.040	Märgistikud ja informatsiooni kodeerimine	95
35.100.20	Kanalikiht	96
35.100.70	Rakenduskiht	96
35.140	Arvutigraafika	96
35.180	Lõppseadmed jm välisseadmed	96
35.240.15	Identifikatsioonikaardid ja samased vahendid	96
35.240.50	IT rakendused tööstuses	96
35.240.60	IT rakendused transpordis ja kaubanduses	97
35.240.80	IT rakendused tervishoiutehnoloogias	97
35.240.99	IT rakendused muudel aladel	97
37.020	Optikaseadmed	98
37.040.10	Fotoaparatuur. Projektorid	98
37.100.10	Paljundusseadmed	98
43.060.40	Toitesüsteemid	99
43.160	Eriotstarbelised ja erisõidukid	99
45.020	Raudteetehnika üldküsimumused	99
45.060.01	Raudtee veerem üldiselt	99
45.080	Rööpad ja raudteeosad	100
47.020.70	Navigatsiooni- ja juhtimisseadmed	101
47.020.90	Laevade ventilatsiooni-, kliima- ja küttesüsteemid	101
47.080	Väikelaevad	101
49	LENNUNDUS JA KOSMOSETEHNIKA	102
49.020	Lennundus ja kosmosetehnika üldküsimumused	102
49.060	Õhu- ja kosmosesõidukite elektriseadmed ja -süsteemid	102
49.080	Õhu- ja kosmosesõidukite hüdroosüsteemid ja nende koostisosad	103
49.100	Maapealse teeninduse ja hoolduse seadmed	103
49.140	Kosmosesüsteemid ja nende kasutamine	104
53.040	Pidevtoimega teisaldusseadmed. Konveierid	104
53.060	Tööstuslikud mootorkärud	104
53.100	Mullatöömashinad	104
55.020	Pakenduse üldküsimumused	104
55.040	Pakkematerjalid	105
55.060	Äärikpoolid. Koonuspoolid	105
55.080	Kotid. Taskud	105
55.160	Kastid. Karbid. Korvid	106
55.180.10	Üldotstarbelised konteinerid	106
55.180.20	Üldotstarbelised kaubaalused	106
55.180.40	Täielikud pakkimis- ja transpordiuksused	106
55.200	Pakkemashinad	106
59.080	Tekstiilitööstuse tooted	106
59.080.01	Tekstiil üldiselt	107
59.080.30	Kangasmaterjalid	107
59.080.60	Tekstiilpõrandakatted	107
59.080.70	Geotekstiil	107
61.020	Rõivad	108
65.060.01	Põllutöömashinad, -riistad ja -seadmed üldiselt	108
65.150	Kalandus ja kalakasvatuse	108
67.060	Teravili ja kaunivili ning nendest valmistatud tooted	108
67.080.01	Puuvili, köögivili ja nende saadused üldiselt	108
67.080.20	Köögivili ja köögiviljatooted	109
67.200	Toiduõlid ja -rasvad. Ölikultuuride seemned	109
67.250	Toiduga kokkupuutuvad materjalid ja esemed	109
67.260	Toiduainetööstuse ettevõtted ja seadmed	109
71.040	Analüütiline keemia	110
71.040.10	Keemialaborid. Laboriseadmed	110
71.040.20	Laborinõud ja -aparaadid	110
71.100.30	Lõhkeained. Pürotehnika	111
71.100.35	Kemikaalid tööstuslikuks ja koduseks desinfitseerimiseks	112
73.020	Mäendus	112
73.100.30	Puurimis- ja väljamisseadmed	113
73.100.40	Kaevandusveo- ja tõsteseadmed	113

75.060 Maagaas.....	113
75.080 Naftasaadused üldiselt.....	113
75.140 Vahad, bituumsed materjalid jm naftatooted.....	113
75.160.20 Vedelkütused.....	114
75.160.30 Gaaskütused.....	114
75.180.30 Volumeetriselised seadmed ja mõõteriistad.....	114
75.200 Nafta, naftasaaduste ja maagaasi transpordi seadmed.....	114
77.040.10 Metallide mehaaniline katsetamine.....	114
77.040.20 Metallide mittepurustav katsetamine.....	115
77.040.30 Metallograafia jm katsemeetodid.....	115
77.040.99 Muud metallide katsetamise meetodid.....	115
77.060 Metallide korrosioon.....	115
77.080.20 Terased.....	116
77.120.60 Plii, tsink, tina ja nende sulamid.....	116
77.140.30 Surveotstarbelised terased.....	116
77.140.50 Lameterastooted ja -pooltooted.....	116
77.140.65 Terastraat, terastrassid ja ühendusketid.....	117
77.140.70 Terasprofiilid.....	118
77.140.80 Malm- ja terasvalu.....	118
77.140.85 Malm- ja terassepised.....	118
77.150.10 Alumiiniumtooted.....	118
77.150.30 Vasktooted.....	118
79.040 Puit, saepalgid ja saepuit.....	119
79.060.99 Muud puitpaneelid.....	119
79.080 Puitpooltooted.....	119
81.040.20 Ehitusklaas.....	119
81.060.30 Kõrgtehnoloogiline keraamika.....	119
81.080 Tulekindlad materjalid.....	120
83.080.10 Kuumalt kõvenevad materjalid (termosetid).....	120
83.080.20 Termoplastid.....	120
83.120 Tugevdatud plastid.....	120
83.140.10 Kiled.....	121
83.140.99 Muud kummist ja plastikust tooted.....	121
83.180 Liimid.....	121
85.080 Pabertooted.....	121
87.040 Värvid ja lakid.....	122
87.100 Värvimisvahendid.....	122
91 E HITUSMATERJALID JA E HITUS.....	122
91.010.30 Tehnilised aspektid.....	123
91.040 Hooned.....	123
91.040.01 Hooned üldiselt.....	123
91.060.20 Katused.....	123
91.060.30 Laed. Põrandad. Trepid.....	124
91.060.50 Uksed ja aknad.....	124
91.080.20 Puitkonstruktsioonid.....	125
91.080.40 Betoonkonstruktsioonid.....	125
91.100.10 Tsement. Kips. Lubi. Mört.....	125
91.100.15 Mõnemaalised materjalid ja tooted.....	125
91.100.20 Mõnemaalised ja keraamilised materjalid ja tooted.....	126
91.100.25 Keraamilised ehitustooted.....	127
91.100.30 Batoon ja betoontooted.....	127
91.100.50 Sideained. Tihendusmaterjalid.....	127
91.100.60 Soojus- ja heliisolatsioonimaterjalid.....	128
91.100.99 Muud ehitusmaterjalid.....	128
91.120 Hoonete sise- ja välisohutus.....	129
91.120.40 Piksekaitse.....	129
91.120.99 Muud hoonete sise- ja välisohutusega seotud standardid.....	129
91.140 Hoonete tehnoseadmed.....	129
91.140.10 Keskküttesüsteemid.....	129
91.140.30 Ventilatsiooni- ja kliimasüsteemid.....	130
91.140.40 Gaasivarustussüsteemid.....	130
91.140.50 Elektrivarustussüsteemid.....	130
91.140.60 Veevarustussüsteemid.....	130
91.140.65 Veesoendussüsteemid.....	130
91.140.70 Sanitaarseadmed.....	131
91.140.80 Kanalisatsioon.....	131

91.160.20 Välisvalgustus	131
91.180 Siseümmistus	132
91.220 Ehitusseadmed	132
93.010 Rajatised üldiselt.....	132
93.020 Mullatööd. Süvendid. Vundamendiehitus. Allmaatööd.....	132
93.030 Kanalisatsiooni välisõrgud.....	133
93.040 Sillaehitus.....	133
93.080 Teedehitus	133
93.080.20 Teedehitusmaterjalid	133
93.080.30 Teepäraldised.....	135
93.080.99 Muud tee-ehitusega seotud standardid	136
93.100 Raudtee-ehitus	136
97.040.20 Pliidid, töölaudad, ahjud jms.....	137
97.040.50 Köögi väikevahendid.....	137
97.100.10 Elektriiga köetavad kütteseadmed	137
97.100.20 Gaasiga köetavad kütteseadmed	137
97.100.30 Tahkekütusega köetavad kütteseadmed.....	137
97.120 Majapidamisautomaatika.....	137
97.145 Redelid	137
97.150 Mittetekstiilsed põrandakatted.....	138
97.190 Seadmed lastele.....	138
97.200.40 Mänguväljakud	138
97.200.50 Mänguasjad	139
97.220.30 Spordisaali varustus	139
97.220.40 Välis- ja veespordi tarbed.....	139
99 (Nimetusetu)	140
MÜÜGI TOP OKTOOBER 2002.....	142
EESTI KEELES MÜÜGILE SAABUNUD STANDARDID.....	142