

EESTI STANDARDIKESKUS

# EVS TEATAJA

2/2003

Ilmub üks kord kuus alates 1993. aastast

ISSN 1406-0698

EUROKOODEKSID  
EHITUSTOODETE HARMONEERITUD STANDARDID  
CEN ARVUDES

EVS

## **EVS Teataja**

**EESTI STANDARDIKESKUSE**  
igakuine ametlik väljaanne

11. 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

## TOIMETAJA VEERG

**6. jaanuaril registreeriti uus tehniline komitee EVS/TK 21 Ehituslikud metalltooted.** Komitee tegutseb Ehitusmaterjalide Tootjate Liidu juures.

**8.- 17. jaanuaril viibisid Standardikeskuses SIDA projekti raames Rootsi Standardiinstituudi SIS konsultandid Folke Hermanson Snickars ja Jan-Olof Gustavi.** 10 päeva möödusid töises meeleolus valmistades ette äriseminari, mis tutvustab EL ühisturu võimalusi (vt eelteade lk 2). Seminar on suunatud Eesti tööstuse esindajatele. Osalema ootame ka EL ja ettevõtlike infokeskuste töötajaid.

Visiidi käigus arutati ka EVS teenuste paketi väljatöötamist ning viidi läbi nn koolitajate koolitus EVS töötajatele. Koolituse eesmärgiks oli leida parim viis standardimise tutvustamiseks tööstusele ning standardimisprobleemide lahendamiseks.

**21. jaanuaril toimus EVS/TK 4 Informaatika aastakoosolek.** Tavapäraselt anti ülevaade eelmisel aastal tehnilise komitee raames tehtud töödest. Infotehnoloogia valdkonna standardimise komitee on lisaks eestikeelsete standardite ettevalmistamisele pööranud tähelepanu standardimise tutvustamisele oma valdkonnas. Eelmiselgi aastal viidi läbi mitu nõupidamist-seminari ning 15. novembril korraldati IT standardimise teabepäev.

Komitee aastakoosolekul kinnitati järgmise aasta tegevuskava, mille kohaselt peaks 2003. aastal avaldatama 7 standardit, neist 4 Eesti algupärast standardit (sertifikaadid Eesti Vabariigi isikutunnistusel; turvakiibi rakendus ja liides; digitaalallkirja vorming ja sertifikaadi kehtivuskinnituse vorming ning protokollid ning ajatempliteenuse protokollid ja andmevormingud).

Tehnilise komitee aastakoosolekule oli lisaks komitee liikmetele ja Eesti Standardikeskuse esindajatele kutsutud ka uue tehnilise komitee "Informatsioon ja dokumentatsioon" esimees hr Berendsen, kes andis ülevaate loodava komitee lähituleviku plaanidest ja eesmärkidest üldisemalt. Samuti tutvustas pr Reet Tarm Sideameti, kui ETSI liikme standardimisalast tegevust. Ka Standardikeskus andis kohalviibinutele ülevaate eelmise aasta tulemustest ning plaanidest ja tegevustest Euroopa standardiorganisatsioonide täisliikmelisuse saavutamisel.

### **TK Informatsioon ja dokumentatsioon asutamiskoosolek**

22. jaanuari osalesid Standardikeskuse standardiosakonna juhataja Raul Juhanson ja tehniliste komiteede spetsialist Heiki Aasmann Rahvusraamatukogus tehnilise komitee Informatsioon ja dokumentatsioon asutamiskoosolekul. Komitee loodi Eesti Riigikantselei, Eesti Riigiarhiivi, Eesti Rahvusraamatukogu ja Informaatikakeskuse eestvedamisel, kes on ühtlasi komitee asutajaliikmed. Asutamiskoosolek kinnitas komitee põhikirja, mille kohaselt on komitee poolt peegeldatavad kaks rahvusvahelist komiteed ISO/TC 46 *Information and documentation* ja ISO/TC 171 *Document imaging applications*.



Rõõm on tõdeda, et üha rohkem on hakatud aru saama standardimise vajadusest. Selle tõenduseks tuli eelmise aasta jooksul juurde 8 uut tehnilist komiteed. 2003. a alguses registreeriti 21. komitee, mis tegeleb ehituslike metalltoodete standardimisega. Täheldada võib trendi, et enamik uutest tehnilistest komiteedest tegeleb ehituse ja ehitusmaterjalide valdkonnas. See on ilmselt tingitud ehitusvaldkonna regulatiivsetest muudatustest Eestis ja sellega kaasnevast suurenenud standardite vajadusest ning ehitusvaldkonna standardimise aktiivsuse tõusust Euroopas..

Uudistes on toodud teade uue tehnilise komitee "Informatsioon ja dokumentatsioon" asutamiskoosolekust. Loodav komitee täidab loodetavasti lünga, mis valitseb seni dokumentatsiooni standardimises. Nagu kõik tähele panid, oli eelmise EVS Teataja numbriga kaasas küsitlusleht. Täname kõiki, kes võtsid vaevaks esitatud küsimustele vastata. Küsitlustulemuste kokkuvõtte oli selle numbril ilmunisajaks veel tegemata, aga juba praegu võib öelda, et vastanute suhtumine on valdavalt positiivne. Oleme valmis arvestama teie ettepanekuid ja ka edaspidi vahendama teile vajalikku infot.

Anne Laimets  
anne@evs.ee

Majandus- ja kommunikatsiooniministri 27. detsembri 2002.a määrusega nr 76 kinnitatakse Ehitusmaterjali ja -toote nõuetele vastavuse tõendamise kord ja eri liiki ehitustoodete nõuetele vastavuse tõendamiseks vajalikud vastavushindamise protseduurid

RTL, 06.01.2003, 3, 33

(3) Ehitustoote nõuetele vastavuse tõendamiseks ettenähtud tõendamissüsteem ja hindamisele kuuluvad omadused on määratud harmoneeritud standardis, tehnilises tunnustuses ja käesoleva määruse 3. peatükis.

Ehitustoote vastavuse hindamisel ja tõendamisel võib lähtuda harmoneeritud standardist või ehitustoote tehnilisest tunnustusest või käesoleva määruse nõuetest seni, kuni jõustub Euroopa ühenduste ja nende liikmesriikide ning Eesti Vabariigi vahelise assotsieerumislepingu (Euroopa leping) tööstustoodete vastavushindamise ja tunnustamise protokoll (Protocol of Conformity Assessment and Acceptance of Industrial Products) toodete osas, mida nimetatud protokollis lisad käsitlevad, või muu vastavasisuline välisleping või Eesti ühineb Euroopa Liiduga, olenevalt sellest, milline tähtpäev saabub varem.

## EELTEATED

**EESTI STANDARDIKESKUS KORRALDAB  
TÖÖSTUSETTEVÖTETE JUHTIDELE  
ÄRISEMINARI**

**20. VEEBRUARIL 2003  
KELL 13:00  
RADISSON SAS HOTELLI  
TALLINNA SAALIS  
(Rävala pst 3)**

Majandus- ja kommunikatsiooniministeeriumi,  
Eesti edukate ettevõtete ja Standardikeskuse esindajad  
käsitlevad seminaril järgmisi teemasid:

- viimased arengud kaupade vabas liikumises Euroopas
- Eesti initsiatiivid kvaliteedi infrastruktuuri rajamisel
- Eesti ettevõtete harmoneeritud tootenõuetele vastavad ekspordikogemused
- EVS pakutavaid tooted ja teenused

**Osalustasu 250.-  
Täiendav info Evelin Hülp tel 605 5053  
Registreerimine tel 605 5050  
ja [www.evs.ee](http://www.evs.ee)**

CEN, CENELEC, ETSI konverents

**ACCESSIBILITY FOR ALL**

Nizzas

27 - 28. märtsil 2003

[www.cenorm.be](http://www.cenorm.be)

Konverentsil käsitletakse, kuidas teha standardite abil kõik võimalused kättesaadavaks ka puuetega inimestele

Teine CEN/TC 19 sümposium

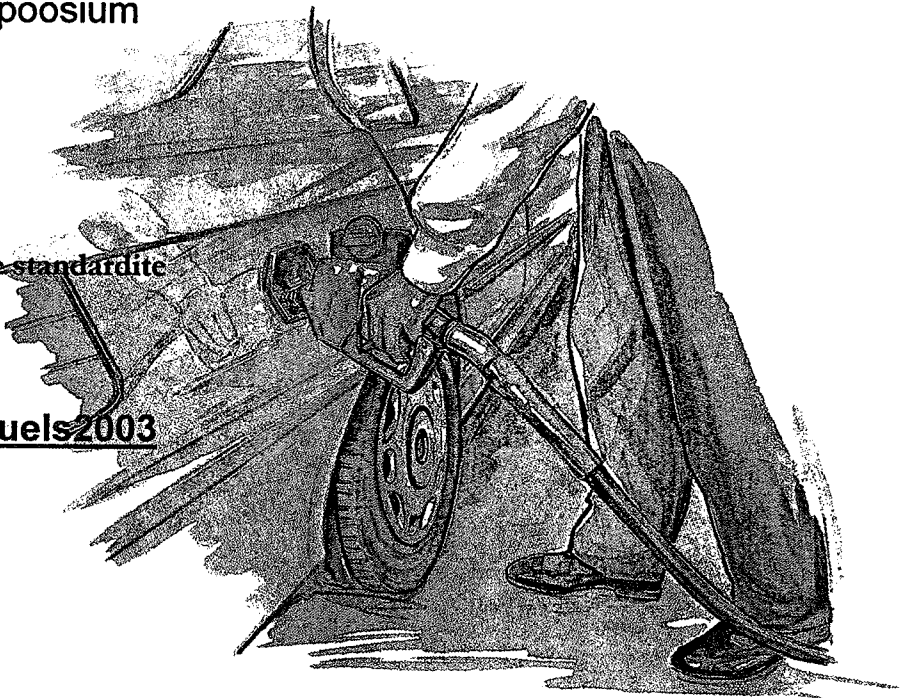
**AUTOKÜTUSED 2003**

14 -15. aprillil

Amsterdams

2003. a on kavas autokütuste standardite muutmise

<http://energy.nen.nl/fuels2003>



9 - 10. OKTOOBRI 2003 TOIMUB  
HELSINGI MESSIKESKUSES

**EUROOPA KVALITEEDIAUHIND 2003  
TSEREMOONIA  
JA  
EFQM FOORUM "INSPIRED PEOPLE DRIVE  
SUCCESS".**

Info aadressil <http://www.efqmforum2003.org>

# EUROKOODEKSITE PROGRAMM JÄTKUB

Kuigi Eurokoodeksite (Euroopa ehituskonstruksioonide projekteerimise standardite) programm on veninud ning selle taga seisab paljude tootestandardite väljatöötamine, on vajadus maksimaalselt arvestada eri riikides kehtivaid projekteerimisnõudeid sundinud Euroopa Komisjoni kehtestama oma Juhendis L (*EC Guidance Paper L*) Eurokoodeksite väljatöötamisel järgmise korra.

Enne standardi avaldamise kuupäeva DAV (*Date of Availability*) on sisse toodud kaks perioodi: läbivaatusperiood (*Examination Period*) ja CEN käsitusperiood (*CEN Process Period*).

Läbivaatusperiood kestab kuni 6 kuud, mille jooksul iga riigi kompetentsed võimuorganid vaatavad koos rahvusliku standardiorganisatsiooniga standardikavandi läbi ja saadavad selle kohta CEN/TC 250 vastavale alamkomiteele oma arvamuse. Pärast seda kui alamkomitee on kommentaarid läbi vaadanud ja teinud vajalikud muudatused, läheb kavand CEN Keskusesse (*CEN Management Centre*) formaalse hääletuse korraldamiseks (staadium 49).

CEN käsitusperiood on ajavahemik, mille jooksul valmistatakse ette formaalne hääletus, viiakse see läbi ja ratifitseeritakse standardi tekst (staadium 64). Tavaliselt kestab see periood 7-10 kuud.

Peale standardi avaldamise kuupäeva tuuakse sisse kolm perioodi: tõlkimisperiood (*Translation Period*), rahvusliku täpustamise periood (*National Calibration Period*) ja koeksisteerimise periood (*Coexistence Period*).

Tõlkimisperiood on see ajavahemik, mille jooksul ratifitseeritud tekst tõlgitakse nendesse keeltesse, mis ei ole CEN ametlikud töökeeled.

Rahvusliku täpsustamise periood on see ajavahemik, mille jooksul iga riigi kompetentsed võimuorganid teevad parameetrite seas valiku, arvestades kohalikke tingimusi, ohutust ja ökonoomsust, kusjuures katseliselt võrreldakse Eurokoodeksite järgi saadud ja kasutuselolevate reeglite järgi saadud projekteerimistulemusi. See periood võib kesta maksimaalselt kaks aastat, aga see võib olla ka lühem, arvestades Eurokoodeksite sarja eelstandardite (meil Eestis vastavad neile EPNid) kasutamisel saadud tulemusi. Selle perioodi lõpul kehtestatakse rahvuslikult määratavad parameetrid.

Koeksisteerimise periood on see ajavahemik, mille jooksul nii Eurokoodeks kui ka varasemad rahvuslikud nõuded võivad koos eksisteerida. See periood peab olema lõppenud hiljemalt aastal 2010.

Seoses Komisjoni otsustega ning vajaduse tõttu anda betoon-, teras- ja komposiitkonstruktsioonide projekteerimise standardid välja üheaegselt, võttis CEN/TC 250 oma Stockholmi kokkutulekul, mis toimus 21-22 novembril 2002, vastu järgmised Eurokoodeksite 2, 3 ja 4 kavanditega seotud protseduurireeglid.

- Staadium 34: standardikavandi koostamiseks moodustatud töörühm on saavutanud konsensuse ja esitanud oma alamkomiteele töörühma lõppkavandi (*PT Final Draft*). Alamkomitee saadab selle läbivaatamiseks oma liikmetele ning samaaegselt Euroopa Komisjonile, kes algatab läbivaatusperioodi. Alamkomitee esimes otsustab, kas liikmete poolt esitatud kommentaaride arutamiseks on tarvis töökoosolekut.

Peale seda kui saadud tehnilised ja redaktsioonilised muudatusettepanekud on kavandisse sisse viidud ning alamkomitee liikmed on standardikavandi heaks kiitnud, saadetakse see AFNORile ja DINile kahte ülejäänud ametlikku keelde tõlkimiseks. Soovitavalt peaksid tõlkima tehnilised eksperdid ning võimaluse korral peaksid nad olema töörühma liikmed, kes kavandi väljatöötamisest otseselt osa võtsid.

- Staadium 49: kõik kolm keeleversiooni on olemas ning alamkomitees antud standardi jaoks moodustatud redaktsioonikomisjoni poolt läbi vaadatud. Kui kavandid kiidetakse heaks, siis saadetakse need edasi TC 250 esimehele ja sekretärile. Alles seejärel, kui ka kõigi kolme alamkomitee esimehed on kavandid läbi vaadanud ja heaks kiitnud, saadetakse need CEN Keskusesse formaalse hääletuse läbiviimiseks.

Eespooltoodud põhjustel viibib Eurokoodeksite 2, 3 ja 4 väljaandmine vähemalt pool aastat. CEN/TC 250 alamkomiteede kokkutulekud, millel kavandeid arutatakse, olid esialgu nihutatud 2003. aasta aprillikuusse, kuid tõenäoliselt toimuvad need alles mais.

Eeltooduga seoses seoses nihkub paratamatult edasi ka Eurokoodeksite Eesti standarditeks ülevõtmise programm, mis esialgu piirdub põhiliselt Eurokoodeks 1 sarja standarditega. Eestis tegeleb Eurokoodeksite ülevõtmisega EVS/TK 13 "Ehituskonstruksioonide projekteerimine". Tabelis esitatud Eurokoodeks 1 sarja standarditest on praeguseks hetkeks tõlgitud ja Eesti standardina avaldatud kaks esimest, mis on saanud vastavalt tähised EVS-EN 1990:2002 ja EVS-EN 1991-1-1:2002. EVS/TK 13 tööplaanis on 2003. aastal ette nähtud üle võtta need standardid, mis olid eelmise aasta lõpul jõudnud vähemalt staadiumini 49. Need on kas juba avaldatud või avaldamisel olevad Euroopa standardid või CEN tehnilises komitees TC 250 heaks kiidetud ning CEN Keskusele esitatud kavandid, milles ei ole ette näha suuri muudatusi. Praegusel hetkel on need standardid või nende kavandid tõlkimisel. Sellele lisaks on plaani võetud teraskonstruksioonide projekteerimise põhi-standardi EN 1993-1-1 ning puitkonstruksioonide projekteerimise põhi-standardi EN 1995-1-1 kavandite tõlkimine.

Kõigis Eurokoodeksites on ette nähtud rahvuslik lisa, milles esitatakse nende parameetrite väärtused, rahvuslikud valikud ja alternatiivsed reeglid, mis on Euroopa standardis jäetud lahtiseks ning mida konkreetses riigis peetakse vajalikuks kasutada. Reeglid, mida Eurokoodeksite valikud ei võimalda, tuleb anda teatmematerjalides, selliste reeglite järgi teostatud projektid ei tohi aga sisaldada märget "Projekteeritud Eurokoodeksite järgi". Standardite EVS-EN 1990:2002 ja EVS-EN 1991-1-1:2002 rahvuslikud lisad olid suhteliselt lihtsad ning need töötas Eesti välja ühe esimese riigina kogu Euroopas. Järgmiste standardite rahvuslikud lisad tulevad üsna keerulised ning nende väljatöötamiseks on otstarbekas kasutada välisabi. Seda võimaldab Euroopa Liidu abiprogramm "Twinning Light", mis stardib käesoleva aasta märtsis. Konkursi selle programmi teostamiseks Eestis võitsid soomlased, kellega meid seovad pikaajalised traditsiooniliseks muutunud koostöösidemed. Kuna standardi rahvusliku lisa koostamiseks kulub standardi tõlkimisega võrreldes tunduvalt rohkem aega, siis avaldatakse see vastava standardi täiendusköitena. Hiljem tõlgitakse kõikide üle võetud Eurokoodeksite rahvuslikud lisad inglise keelde ning CEN muudab need üldkasutatavaks. Ühtsete Euroopa standardite ning nende hõlpsasti kättesaadavate rahvuslike lisade abil loodetakse saavutada projekteerimisteenuse vaba liikumine Euroopa turul.

**Kaido Rajur**  
EVS standardiosakonna peaspetsialist

Tabel  
Eurokoodeks 1 standardid

Jrk nr	CENi projekti nr	Euroopa standardi tähis	Standardi pealkiri eesti ja inglise keeles	Staadium	Staat
1	00250076	EN 1990:2002	Eurokoodeks. Ehituskonstruksioonide projekteerimise alused <i>Eurocode: Basis of structural design</i>	64	Euroopa standard (DAV 2002-04-24)
2	00250087	EN 1991-1-1:2002	Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 1-1: Üldkoormused. Tihedused, omakaalu- ja kasuskoormused <i>Eurocode 1: Actions on structures – Part 1-2: General actions – Densities, self-weight and imposed loads</i>	64	Euroopa standard (DAV 2002-04-24)
3	00250095	EN 1991-1-2:2002	Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 1-2: Üldkoormused. Tulekahjukoormus <i>Eurocode 1: Actions on structures – Part 1-2: General actions – Actions on structures exposed to fire</i>	64	Euroopa standard (DAV 2002-11)
4	00250088	prEN 1991-1-3:2002	Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 1-3: Üldkoormused. Lumekoormus <i>Eurocode 1: Actions on structures – Part 1-3: General actions – Snow loads</i>	49	N347, komitee lõppkavand (2002-01-15)
5	00250089	prEN 1991-1-4:2002	Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 1-4: Üldkoormused. Tuulekoormus <i>Eurocode 1: Actions on structures – Part 1-4: General actions – Wind actions</i>	49	N368, komitee lõppkavand (2002-06-24)

6	00250114	prEN 1991-1-5:2002	Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 1-5: Üldkoormused. Temperatuurikoormus <i>Eurocode 1: Actions on structures – Part 1-5: General actions – Thermal actions</i>	49	N369, komitee lõppkavand (2002-07-01)
7	00250115	prEN 1991-1-6:2002	Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 1-6: Üldkoormused. Ehitamisaegsed koormused <i>Eurocode 1: Actions on structures – Part 1-6: General actions – Actions during execution</i>	34	N385, töörühma lõppkavand (2002-10-11)
8	00250132	prEN 1991-1-7:2002	Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 1-7: Üldkoormused. Lõõgist ja plahvatusest põhjustatud erakordsed koormused <i>Eurocode 1: Actions on structures – Part 1-7: General actions – Accidental actions due to impact and explosions</i>	32	N387, töörühma kolmas kavand (2002-11-15)
9	00250096	prEN 1991-2:2002	Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 2. Üldkoormused. Sildade liikluskooormused <i>Eurocode 1: Actions on structures – Part 2: General actions – Traffic loads on bridges</i>	51	prEN 1991-2 hääletusel (2002-07-18...2002-09-18)
10	00250133	prEN 1991-3:2002	Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 3. Kraana- ja masinakoormused <i>Eurocode 1: Actions on structures – Part 3: Actions induced by cranes and machinery</i>	32	N379, töörühma teine kavand (2002-09-25)
11	00250097	prEN 1991-4:2002	Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 4. Puiste- ja vedelikumahutite koormused <i>Eurocode 1: Actions on structures – Part 4: Actions on silos and tanks</i>	32	N377, töörühma kolmas kavand (2002-09)

## EHITUSTOODETE CE MÄRGISTUSEST

22. jaanuaril toimus Brüsselis avatud koosolek Ehitustoodetele CE märgistuse saamise kergendamise ja Euroopa siseturul kaubanduse tehniliste tõkete kõrvaldamise küsimustes.

CE märgistus võimaldab asetada Uue lähenemisviisi alla kuuluvaid tooteid, mis vastavad harmoneeritud standarditele nõuetele, Euroopa turule ilma edasiste katsetuste, sertifitseerimiste ja märgistusega.

Seni on 450-st vajalikust põhilisest ehitustoodete harmoneeritud standardist valmis 71.

Mõned pioneerfirmad nt tulekaitsesüsteemide tootjad juba kasutavad oma toodetel CE märgistust, et laiendada turgu oma toodetele.

Euroopa Komisjon teavitab osavõtjaid ka arengutest Eurokoodeksite, olehustsükli analüüside, ohtlike ainete, tulekaitsesüsteemide ja joogiveega kontaktis olevate ehitustoodete osas.

## EHITUSTOODETE HARMONEERITUD STANDARDITE LOETELU (AVALDATUD OJ-s)

Ehitustoodete harmoneeritud standardite nimekirja on lisandunud 9 EÜ Ametlikus Teatajas C/320 refereeritud standardit, milleks on betooni täiteained, keraamilised sillutiskivid, suitsukäikude keraamiline vooder, kanalisatsioonilukud, põrandamördid, betoonist kanalistaiooni ja -vaatluskaevud ning kolm tulekahju signaalsüsteemi standardit.

Toome siinkohal ära kogu ehitustoodete harmoneeritud standardite loetelu. Tärniga märgitud standardid on üle võetud Eesti standardiks.

Reference	Title of the standard	DoA	DoW	OJ
EN 13055-1:2002*	Lightweight aggregates - Part 1: Lightweight aggregates for concrete, mortar and grout	01/03/2003	01/06/2004	2002/C 212 06/09/2002
EN 13139:2002*	Aggregates for mortar	01/03/2003	01/06/2004	2002/C 212 06/09/2002
EN 13383-1:2002*	Armourstone - Part 1: Specification	01/03/2003	01/06/2004	2002/C 212 06/09/2002



EN 197-1:2000*	Cement - Part 1: Composition, specifications and conformity criteria for common cements	01/04/2001	01/04/2002	2001/C 20 21/03/2001
EN 459-1:2001*	Building lime - Part 1: Definitions, specifications and conformity criteria	01/08/2002	01/08/2003	2002/C 40 14/02/2002
EN 40-5:2002*	Lighting columns - Part 5: Requirements for steel lighting columns	01/02/2003	01/02/2004	2002/C 212 06/09/2002
EN 40-6 :2002*	Lighting columns - Part 6: Requirements for aluminium lighting columns	01/02/2003	01/02/2004	2002/C 212 06/09/2002
EN 934-2:2001*	Admixtures for concrete, mortar and grout - Part 2: Concrete admixtures - Definitions, requirements, conformity, marking and labelling	01/05/2002	01/05/2003	2002/C 40 14/02/2002
EN 934-4:2001*	Admixtures for concrete, mortar and grout - Part 4: Admixtures for grout for prestressing tendons - Definitions, requirements, conformity, marking and labelling	01/05/2002	01/05/2003	2002/C 40 14/02/2002
EN 12004:2001/A1:2002*	Adhesives for tiles - Definitions and specifications	01/04/2003	01/04/2004	2002/C 212 06/09/2002
EN 1125:1997/A1:2001*	Building hardware - Panic exit devices operated by a horizontal bar - Requirements and test methods	01/04/2002	01/04/2003	2002/C 40 14/02/2002
EN 179:1997/A1:2001*	Building hardware - Emergency exit devices operated by a lever handle or push pad - Requirements and test methods	01/04/2002	01/04/2003	2002/C 40 14/02/2002
EN 1935:2002*	Building hardware - Single-axis hinges - Requirements and tests methods	01/10/2002	01/10/2003	2002/C 154 28/06/2002
EN 12094-5:2000*	Fixed firefighting systems - Components for gas extinguishing systems - Part 5: Requirements and test methods for high and low pressure selector valves and their actuators for CO2 systems	01/10/2001	01/10/2002	2001/C 202 18/07/2001
EN 12094-6:2000*	Fixed firefighting systems - Components for gas extinguishing systems - Part 6: Requirements and test methods for non-electrical disable devices for CO2 systems	01/10/2001	01/10/2002	2001/C 202 18/07/2001
EN 12094-7:2000*	Fixed firefighting systems - Components for gas extinguishing systems - Part 7: Requirements and test methods for nozzles for CO2 systems	01/10/2001	01/10/2002	2001/C 202 18/07/2001
EN 12094-13:2001*	Fixed firefighting systems - Components for gas extinguishing systems - Part 13: Requirements and test methods for check valves and non-return valves	01/01/2002	01/01/2003	2001/C 202 18/07/2001
EN 12259-2 :1999/A1:2001*	Fixed firefighting systems - Components for sprinkler and water spray systems - Part 2: Wet alarm valve assemblies	01/01/2002	01/01/2003	2001/C 358 15/12/2001
EN 12259-3:2000/A1:2001	Fixed firefighting systems - Components for sprinkler and water spray systems - Part 3: Dry alarm valve assemblies	01/01/2002	01/01/2003	2001/C 358 15/12/2001
EN 12259-4:2000/A1:2001*	Fixed firefighting systems - Components for sprinkler and water spray systems - Part 4: Water motor alarms	01/01/2002	01/01/2003	2001/C 358 15/12/2001
EN 12416-1:2001*	Fixed firefighting systems - Powder systems- Part 1: Requirements and test methods for components	01/01/2002	01/01/2003	2001/C 202 18/07/2001

EN 671-1 :2001*	Fixed firefighting systems - Hose systems - Part 1: Hose reels with semi-rigid hose	01/02/2002	01/02/2003	2001/C 202 18/07/2001
EN 671-2 : 2001*	Fixed firefighting systems - Hose systems - Part 2: Hose systems with lay-flat hose	01/02/2002	01/02/2003	2001/C 202 18/07/2001
EN 12259-1:1999 + A1:2001*	Fixed firefighting systems - Components for sprinkler and water spray systems - Part 1: Sprinklers	01/04/2002	01/04/2003	2002/C 40 14/02/2002
EN 12416-2:2001*	Fixed firefighting systems - Powder systems - Part 2: Design, construction and maintenance	01/04/2002	01/04/2003	2002/C 40 14/02/2002
EN 12101-3:2001	Smoke and heat control systems - Part 3: Specification for powered smoke and heat exhaust ventilators	01/12/2002	01/04/2005	2002/C 212 06/09/2002
EN 1341:2001*	Slabs of natural stone for external paving - Requirements and test methods	01/10/2002	01/10/2003	2002/C 154 28/06/2002
EN 1342:2001*	Setts of natural stone for external paving - Requirements and test methods	01/10/2002	01/10/2003	2002/C 154 28/06/2002
EN 1343:2001*	Kerbs of natural stone for external paving - Requirements and test methods	01/10/2002	01/10/2003	2002/C 154 28/06/2002
EN 13249:2000*	Geotextiles and geotextile-related products -Characteristics required for use in the construction of roads and other trafficked areas (excluding railways and asphalt inclusion )	01/10/2001	01/10/2002	2001/ C 180 26/06/2001
EN 13250:2000*	Required characteristics for geotextiles and geotextile-related products used in the construction of railways	01/10/2001	01/10/2002	2001/ C 180 26/06/2001
EN 13251:2000*	Geotextiles and geotextile-related products - Characteristics required for use in earthworks, foundations and retaining structures	01/10/2001	01/10/2002	2001/ C 180 26/06/2001
EN 13252:2000*	Geotextiles and geotextile-related products - Characteristics required for use in drainage systems	01/10/2001	01/10/2002	2001/ C 180 26/06/2001
EN 13253:2000*	Geotextiles and geotextile-related products - Characteristics required for use in erosion control works (coastal protection, bank revetments)	01/10/2001	01/10/2002	2001/ C 180 26/06/2001
EN 13254:2000*	Geotextiles and geotextile-related products - Characteristics required for use in the construction of reservoirs and dams	01/10/2001	01/10/2002	2001/ C 180 26/06/2001
EN 13255:2000*	Geotextiles and geotextile-related products - Characteristics required for use in the construction of canals	01/10/2001	01/10/2002	2001/ C 180 26/06/2001
EN 13256:2000*	Geotextiles and geotextile-related products - Characteristics required for use in the construction of tunnels and underground structures	01/10/2001	01/10/2002	2001/ C 180 26/06/2001
EN 13257:2000*	Geotextiles and geotextile-related products - Characteristics required for use in solid waste disposals	01/10/2001	01/10/2002	2001/ C 180 26/06/2001
EN 13265:2000*	Geotextiles and geotextile-related products - Characteristics required for use in liquid waste containment projects	01/10/2001	01/10/2002	2001/ C 180 26/06/2001
EN 12859:2001*	Gypsum blocks - Definitions, requirements and test methods	01/04/2002	01/04/2003	2001/C 358 15/12/2001

EN 12860 :2001*	Gypsum based adhesives for gypsum blocks - Definitions, requirements and test methods	01/04/2002	01/04/2003	2001/C 358 15/12/2001
EN 682:2001*	Elastomeric Seals - Materials requirements for seals used in pipes and fittings carrying gas and hydrocarbon fluids	01/10/2002	01/10/2003	2002/C 154 28/06/2002
EN 681-1:1996/A2:2002*	Elastomeric seals - Material requirements for pipe joint seal used in water and drainage applications - Part 1 : Vulcanized rubber	01/01/2003	01/01/2004	2002/C 212 06/09/2002
EN 681-2:2000/A1:2002*	Elastomeric seals - Material requirements for pipe joint seals used in water and drainage applications - Part 2: Thermoplastic elastomers	01/01/2003	01/01/2004	2002/C 212 06/09/2002
EN 681-3:2000/A1:2002*	Elastomeric seals - Material requirements for joint seals used in water and drainage applications - Part 3: Cellular materials of vulcanized rubber	01/01/2003	01/01/2004	2002/C 212 06/09/2002
EN 681-4:2000/A1:2002*	Elastomeric seals - Material requirements for pipe joint seals used in water and drainage applications - Part 4: Cast polyurethane sealing elements	01/01/2003	01/01/2004	2002/C 212 06/09/2002
EN 12839 :2001*	Precast concrete products - Elements for fences	01/03/2002	01/03/2003	2002/C 40 14/02/2002
EN 1337-7:2000*	Structural bearings - Part 7: Spherical and cylindrical PTFE bearings	01/10/2001	01/10/2002	2001/ C 180 26/06/2001
EN 13162 :2001*	Thermal insulation products for buildings - Factory made mineral wool (MW) products - Specification	01/03/2002	01/03/2003	2001/C 358 15/12/2001
EN 13163 :2001*	Thermal insulation products for buildings - Factory made products of expanded polystyrene (EPS) - Specification	01/03/2002	01/03/2003	2001/C 358 15/12/2001
EN 13164 :2001*	Thermal insulation products for buildings - Factory made products of extruded polystyrene foam (XPS) - Specification	01/03/2002	01/03/2003	2001/C 358 15/12/2001
EN 13165 :2001*	Thermal insulation products for buildings - Factory made rigid polyurethane foam (PUR) products - Specification	01/03/2002	01/03/2003	2001/C 358 15/12/2001
EN 13166 :2001*	Thermal insulation products for buildings - Factory made products of phenolic foam (PF) - Specification	01/03/2002	01/03/2003	2001/C 358 15/12/2001
EN 13167 :2001*	Thermal insulation products for buildings - Factory made cellular glass (CG) products - Specification	01/03/2002	01/03/2003	2001/C 358 15/12/2001
EN 13168 :2001*	Thermal insulation products for buildings - Factory made wood wool (WW) products - Specification	01/03/2002	01/03/2003	2001/C 358 15/12/2001
EN 13169 :2001*	Thermal insulation products for buildings - Factory made products of expanded perlite (EPB) - Specification	01/03/2002	01/03/2003	2001/C 358 15/12/2001
EN 13170 :2001*	Thermal insulation products for buildings - Factory made products of expanded cork (ICB) - Specification	01/03/2002	01/03/2003	2001/C 358 15/12/2001
EN 13171:2001*	Thermal insulating products for buildings - Factory made wood fibre (WF) products - Specification	01/03/2002	01/03/2003	2001/C 358 15/12/2001

EN 12050-2:2000*	Wastewater lifting plants for buildings and sites - Principles of construction and testing - Part 2: Lifting plants for faecal-free wastewater	01/10/2001	01/10/2002	2001/ C 180 26/06/2001
EN 12050-3:2000*	Wastewater lifting plants for buildings and sites - Principles of construction and testing - Part 3: Lifting plants for wastewater containing faecal matter for limited applications	01/10/2001	01/10/2002	2001/ C 180 26/06/2001
EN 12050-4:2000*	Wastewater lifting plants for buildings and sites - Principles of construction and testing - Part 4 : Non-return valves for faecal-free wastewater and wastewater containing faecal matter	01/10/2001	01/10/2002	2001/ C 180 26/06/2001
EN 12050-1:2001*	Wastewater lifting plants for buildings and sites- Principles of construction and testing - Part 1: Lifting plants for wastewater containing faecal matter	01/11/2001	01/11/2002	2001/C 202 18/07/2001
EN 588-2:2001*	Fibre cement pipes for drains and sewers - Part 2: Manholes and inspection chambers	01/10/2002	01/10/2003	2002/C 154 28/06/2002

DoA Date of announcement (Viimane CEN/CLC standardi ülevõtu kuupäev)  
DoW Date of withdrawal (Kehtetuks tunnistamise kuupäev)

## JAANUARIKUU STANDARDID

### EVS 824:2002 Kreeka pähklid kestad

Standard käsitleb koos kestadega kaubastatavate kreeka pähklite (*Juglans regia* L.) kvaliteedinõudeid ning pakendamist ja märgistamist. Standard ei kehti töötlemiseks ettenähtud kreeka pähklite kohta. Standard käsitleb kahte kaubanduslikelt nõudeilt erinevat toodet:

Värsked (ehk varajased) kreeka pähklid, mis kaubastatakse varsti pärast koristamist; neid ei säilitata pikemat aega. Lihakas väliskest (lüdi) on eemaldatud, kuid pähkleid ei ole mingil viisil töödeldud, seega tuuma looduslik niiskussisaldus ei ole muutunud.

Standardi koostamisel on lähtutud Euroopa Liidu määrusest (EL) Nr. 175/01.

### EVS 692:2002 Värske salat

Standard käsitleb värskelt kaubastatava aedsalati (*Lactuca sativa* L.) sortide ja teisendite *Lactuca sativa* L. var. *capitata* L. (peasalat, kaasa arvatud jääsalat), *Lactuca sativa* L. var. *longifolia* Lam. (rooma salat), *Lactuca sativa* L. var. *crispa* L. (lehtsalat) ja nende ristandite kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist.

Standard käsitleb ka värskelt kaubastatava käharendiiviat (*Cichorium endivia* L. var. *crispum* Lam.) ja eskariooli (*Cichorium endivia* L. var. *latifolia* Lam.) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist.

Standard ei kehti üksikute lehtedena või potis kaubastatavate salatite ning töötlemiseks määratud salatite kohta.

Standardi koostamisel on lähtutud Euroopa Liidu määrusest nr 1543/2001/EÜ ja UN/ECE standardist FFV-10.

### EVS 696:2002 Värske porrulauk

Standard käsitleb värskelt kaubastatava porrulauku (*Allium porrum* L.) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud porrulauku kohta.

Standardi koostamisel on lähtutud Euroopa Liidu määrusest nr 2396/2001/EÜ ja UN/ECE standardist FFV-21.

#### **EVS 698:2002 Värske uba**

Standard käsitleb värskest kauntena kaubastatava aedoa (*Phaseolus vulgaris* L.) ja õisosa (*Phaseolus coccineus* L.) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud ubade kohta.

Standardi koostamisel on lähtutud Euroopa Liidu määrusest nr 912/2001/EÜ ja UN/ECE standardist FFV-36.

#### **EVS 705:2002 Värske paprika**

Standard käsitleb värskest kaubastatava paprika (*Capsicum annuum* var. *annuum*) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud paprika kohta.

Paprikal eristatakse kuju järgi nelja rühma:

- pikergused (koonilised);
- kandilised (tõmbid);
- kandilised teravatipulised (talbjad);
- lapikud (tomatipaprika ehk tomatikujuline paprika).

Standardi koostamisel on lähtutud Euroopa Liidu määrusest nr 1455/1999/EÜ, 2706/2000/EÜ ja UN/ECE standardist FFV-28.

#### **EVS 789:2002 Värske melon**

Standard käsitleb värskest kaubastatava meloni (*Cucumis melo* L.) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud meloni kohta.

Standardi koostamisel on lähtutud Euroopa Liidu määrusest nr 1615/2001/EÜ ja UN/ECE standardist FFV-23.

#### **EVS 794:2002 Värsked tsitrusviljad**

Standard käsitleb värskest tarbimiseks kaubastatavate tsitrusviljade kvaliteedi- ja suurusnõudeid ning pakendamist ja märgistamist. Standard ei hõlma töötlemiseks ettenähtud tsitrusviljade kohta.

Standard hõlmab järgmiste botaaniliste liikide ja sordirühmade vilju:

sidrunipuu (*Citrus limon* (L.) Burmf.);  
mandariinipuu (*Citrus reticulata* Blanco) sortide rühmad: mandariinid (*Citrus deliciosa* Ten.), tangeriinid (*Citrus tangerina* Hort ex Tan.), satsumamandariinid (*Citrus unshiu* Marcow.), klementiinid (*Citrus clementina* Hort ex Tan.) ja nende hübriidid teiste tsitrusviljapuudega; edaspidi nimetatakse kõiki mandariinideks; apelsinipuu (*Citrus sinensis* (L.) Osbeck).

Standardi koostamisel on lähtutud Euroopa Liidu määrusest (EC) Nr. 1799/2001.

#### **EVS 796:2002 Värsked viinamarjad**

Standard käsitleb värskest kaubastatavate lauaviinamarjade (*Vitis vinifera* L.) kvaliteedi- ja suurusnõudeid ning pakendamist ja märgistamist. Standard ei kehti töötlemiseks ettenähtud lauaviinamarjade kohta.

Standardi koostamisel on lähtutud Euroopa Liidu määrustest (EC) Nr. 2789/99 ja 716/01 ning UN/ECE standardist FFV.

## **KVALITEET**

### **EESTI ESIMENE KVALITEEDIAUHINNA KONKURSS JÕUDIS EDUKALT LÕPULE**

Tunnustamaks edukaid organisatsioone ja toetamaks kaasaegsete juhtimiskontseptsioonide rakendamist Eestis, käivitasid majandus- ja kommunikatsiooniministerium, EAS Ekspor-diagentuur ja Eesti Kvaliteediühing kaks aastat tagasi Eesti Kvaliteediauhinna konkursi. Kui esimesel aastal testiti auhinnamudelit ja omandati kogemusi nii korraldajate kui osalejate poolt, siis käesoleval aastal oli tegemist esimese "päris" konkursiga, mille käigus kuulutati välja ka konkursi võitja.

Konkurss Eesti Kvaliteediauhind 2002 jõudis lõpule 15. novembril k.a., mil president andis üle esimese Eesti kvaliteediauhinna võitjatele - AS-ile Elcoteq Tallinn. Eesti Kvaliteediauhinna žürii valis võitja välja 15 kandidaadi seast. Eesti Kvaliteediauhind 2002 konkursil hinnati kvaliteediauhinna mudeli alusel eelkõige ettevõtete juhtimiskvaliteeti. Selleks pidid ettevõtted koostama taotluskirjelduse, mis sisaldas enesehindamist Eesti kvaliteediauhinna mudeli kriteeriumide alusel.

Esitatud dokumenti vaagisid sõltumatud eksperdid, kelle poolt antud hinnang väljendus nii punktiskoorina kui tugevusi ja parendamist vajavaid valdkondi sisaldava kirjaliku tagasisidena erinevate teemade lõikes (nt. Kvaliteedijuhtimissüsteem ja protsessid, klientide, töötajate ja ühiskonnaga seonduvad võtmnäitajad jms.). Hinnatud ettevõtetes käidi olukorda kontrollimas ka kohapeal.

Lisaks võitjale tõsteti esile ka auhinnakonkursi finaliste: Eesti AGA AS ja JOT Eesti OÜ. Parima väikeettevõttena märkis žürii ära AS Koger&Partnerid, parimad iseseisvad ettevõtted olid AS Viking Window ja AS Thulema, parim avaliku sektori organisatsioon Lennuliiklus-teeninduse AS.

Ilmselt ei saa ükski organisatsioon olla kõiges täiuslik, sest alati leidub midagi, mida paremaks muuta ja lisandub uusi väljakutseid, millega



rinda pista. Nõnda on ka need ettevõtted, kes 2003.a. kvaliteediauhinnale kandideerivad, viimas praegu läbi enesehindamist ja koostamas taotlusedokument. Samal ajal on käivitunud konkurss ka ettevõtete hindajate (assessorite) leidmiseks (Vt järgnevat kuulutust), kuhu oodatakse eelkõige juhtimiskogemusega inimesi, kes soovivad õppida heade ettevõtete pealt ning õpitut oma ettevõttes ära kasutada. Analoogselt 2002.a. auhinnakonkursiga toimub kevadel ja suvel hindamisprotsess, misjärel edastavad assessorid tulemused žüriile, kes valib kandidaatide seast võitja kolmes kategoorias (suured, keskmised ja väikesed organisatsioonid). Eesti Kvaliteediauhind 2003 võitja selgub septembrikuus.

**Sigrid Vestmann**  
EAS Ekspordiagentuuri projektijuht



## Konkursi Eesti Kvaliteediauhind 2003 raames otsitakse ASSESSOREID (ETTEVÕTETE HINDAJAID)

### Töö assessorina pakub

- võimalust õppida teistelt organisatsioonidelt
- juhtimisalase täiuslikkuse mudeli kasutamise 5-päevast tasuta koolitust
- võimalust oma organisatsiooni auhinnakonkursil osalemiseks ette valmistada

### Vajalikud kriteeriumid

- juhtimis- ja arendustöö kogemus
- eelnev kvaliteedijuhtimisalane koolitus on soovitatav

Assessorina töötamise eelduseks on pühendumus, meeskonnatöö oskus ning integreeritud mõtlemine ja üldistusvõime.

Assessoritöö kohustab osalema hindamismeeskonna töös töötasuta ja tähendab tööaega ca 100 tundi (märts-juuni).

Info (sh projekti ajakava ja sooviavalduse vorm): <http://www.ejk.info/pages.php/010104>

Sooviavaldused esitada EAS Ekspordiagentuuri hiljemalt 3. veebruariks.

EAS Ekspordiagentuur, Roosikrantsi 11, Tallinn 10119

Info telefonil 6 279 440

Sigrid Vestmann ([sigrid.vestmann@eas.ee](mailto:sigrid.vestmann@eas.ee)), projektijuht

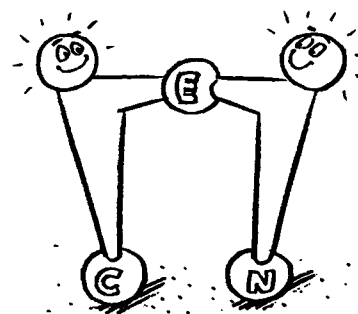
# CEN UUDISED

## CEN ARVUDES

seisuga 31. detsember 2001

### AVALDATUD dokumente:

EN	7650
ENV/TS	397 (ENV - 395, TS - 2)
HD	4
CR/TR	136 (CR -134, TR - 2)
CWA	146



Kokku 8333

2002. a juurdekasv

EN	991
ENV	35
CR	19
CWA	14

Kokku 1059

Käesoleval ajal tegutseb 276 aktiivset CEN ja ECISS tehnilist komiteed, millest neli loodi 2002. a, 100 alamkomiteed ja 1540 töörühma. Oli ka 19 tegutsevat *workshopi*.

Töös on 6772 kavandit.

### Lühendid:

- EN - Euroopa standard
- ENV - Euroopa eelstandard, mis on nüüd enamasti asendatud TS-iga -
- TS - tehniline spetsifikatsioon
- HD - harmoneerimisdokument (enam ei koostata)
- CR - CEN aruanne (nüüd enamasti asendatud TR-iga)
- TR - (tehniline aruanne)
- CWA - CEN seminari kokkulepe

### Surveseadmed

19 ja 20. oktoobril toimunud CEN konverents "Surveseadmed Euroopas" oli väga edukas.

Konverentsist võttis osa üle 200 delegaadi.

Kokkuvõtteid saate lugeda CEN kodulehelt [www.cenorm.be/news/conferences/pressure.htm](http://www.cenorm.be/news/conferences/pressure.htm)

### Teenused

Saksa Standardiorganisatsiooni DIN korraldusel toimus septembris 2002 teenuste standardeid käsitlev rahvusvaheline konverents ja workshop "CEN/STAR Trends analysis".

Kokkuvõtetest selgus, et:

Standardimisvajaduste teadlikkuse taset tuleb tõsta

Juhtkonna tasandil

Tarbijate tasandil

Teenuste standardid soodustavad

Turu läbipaistvust

Tarbijate rahulolu

Teenuste usaldatavust

Piirangute kaotamist (nt Uus lähenemisviis)

Vajalik on selgitada kas õigusaktid ja standardid on piisavad, nt töötervishoid ja -ohutus on peamiselt suunatud riigi tasandile

DIN tehniline aruanne 116 *Standardization in the service industry in Germany - potential and need for action* dokumenteerib üksikasjalikult Saksa teenindussektori uuringu ja standardite vajaduse.

Konverentsi diskussioonid näitasid selgelt, et vajadus teenuste standardite, eriti innovaatiliste teenuste standardite järele on suur. Eriti vajalikud on terminoloogia, spetsifikatsioonide ja liigitusstandardid. Parima praktika tuvastamine, kommertstegevus ja võrreldavus saab toimuda vaid standardite alusel.

## ISO UUDISED

### ISO alustas toiduohutuse juhtimissüsteemi standardi väljatöötamist

Paljud ISO liikmed on korduvalt avaldanud soovi, et ISO töötaks välja toiduohutuse juhtimissüsteemi standardi..

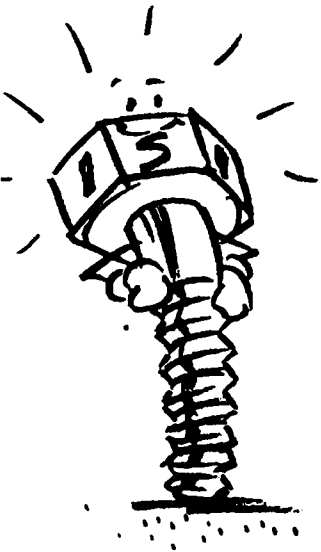
Toiduainete tootjad on oma rahvuslike standardiorganisatsioonide poole pöördunud palvega sellise vabatahtliku standardi väljatöötamiseks, mis aitaks täita kõiki toiduohutusnõudeid. Selle tulemusel on mitu rahvuslikku standardiorganisatsiooni sellise standardi ka välja töötanud.

Taani standardiorganisatsiooni DS eestvõtmisel on nüüd ISO-s töösse võetud sellealaste rahvuslike standardite harmoneerimine ja rahvusvahelise standardi väljatöötamine ISO/AWI 22000 (Activ Work Item). Standard saab ümarguse numbriga 22000, mis jääb hästi meelde, sest sellest peab saama üks olulisemaid juhtimissüsteemide standardeid ISO 9000 ja ISO 14000 kõrval.

ISO on välja töötanud ISO 15161:2001 juhendi ISO 9001:2000 juurutamiseks toiduainetööstusele, mis sisaldab ühe tingimusena ka HACCP integreerimist kvaliteedijuhtimissüsteemi. HACCP on toiduohutuse tagamise süsteem (Hazard Analysis and Critical Control Points), mis identifitseerib spetsiifilised ohud ja toob välja konkreetsed abinõud nende kontrollimiseks. Uus ISO 22000 ja ISO 15161 hakkavad üksteist täiendama. ISO 15161 käsitusala on palju laiem käsitledes kõiki toidu kvaliteediga seotud aspekte, ISO 22000 hakkab käsitlema vaid toidu ohutust.

### Laevad ja kaubakonteinerid sõlmisid liidu

Kaks ISO tehnilist komiteed - laevade ja kaubakonteinerite tehnilised komiteed (ISO/TC 8 *Ships and marine technology* and ISO/TC 104 *Freight Containers*) sõlmisid koostöölepingu. On palju küsimusi, misle lahendamiseks neid kaht komiteed ühendavad, seetõttu on seda kokkulepet nimetatud strateegiliseks. Kaubakonteinerite standardite kasutuselevõtmine on kõige rohkem mõjutanud rahvusvahelist kaubandust positiivses suunas.







## WTO SEKRETARIAADILT SAABUNUD TEATISED

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

Eelnõude kohta on võimalik esitada kommentaare 2 nädalat enne tabelis toodud kuupäeva Majandusministeeriumi Karel Kangro tel 625 6397, faks 625 6404, [kkangro@mkm.ee](mailto:kkangro@mkm.ee)

Eelnõude terviktekstid ja info EVS Teabekeskusest Signe Ruut tel 605 5062, faks 605 5063, [enquiry@evs.ee](mailto:enquiry@evs.ee)

## WTO SEKRETARIAADILT SAABUNUD TBT TEATISED

NUMBER & ESITAMIS- KUUPÄEV	RIIK	TOODE/KAUP/ TEENUS	EESMÄRK	KOMMEN- TAARIDE ESITAMISE VIIMANE KUUPÄEV
G/TBT/N/ARG/ 62, 63 19. detsember 2002	ARGENTIINA	veinitooted	sertifitseerimine	-
G/TBT/N/ARG/64 19. detsember 2002	ARGENTIINA	valmis pakendatud ja kaalutud toodete märgistamine	eksituste ennetamine	-
G/TBT/N/ARG/65 19. detsember 2002	ARGENTIINA	kinnispakkide märgistamine	eksituste ennetamine	-
G/TBT/N/ARG/66 19. detsember 2002	ARGENTIINA	pürotehnilised tooted	tarbijate ohutus	-
G/TBT/N/ARG/67 19. detsember 2002	ARGENTIINA	ravimid	tervisekaitse	-
G/TBT/N/KOR/46 20. detsember 2002	KOREA VABARIIK	traadita internet	alusstandardi määratlemine	60 päeva
G/TBT/N/JPN/59 20. detsember 2002	JAAPAN	mootorsõidukid HS: 87.01-05	keskkonnasaaste vältimine	5. veebruar 2003
G/TBT/N/JPN/60 20. detsember 2002	JAAPAN	kuivsupp	tarbijakaitse	22. jaanuar 2003
G/TBT/N/JPN/61 20. detsember 2002	JAAPAN	Fushi või Karefushi laastud	tarbijakaitse	22. jaanuar 2003
G/TBT/N/HUN/5 20. detsember 2002	UNGARI	mänguasjad, spordivarustus	Direktiivi 93/11/EMÜ harmoneerimine	31. detsember 2002
G/TBT/N/KWT/1 23. detsember 2002	KUVEIT	videomängud, elektrilised mänguasjad, mänguväljakud	vastavushindamis- protseduurid	31. jaanuar 2003
G/TBT/N/KWT/2 23. detsember 2002	KUVEIT	elektri- ja elektroonikatooted	vastavushindamis- protseduurid	31. jaanuar 2003
G/TBT/N/KWT/3 23. detsember 2002	KUVEIT	autotooted	vastavushindamis- protseduurid	31. jaanuar 2003
G/TBT/N/KWT/4 23. detsember 2002	KUVEIT	keemiatooted	vastavushindamis- protseduurid	31. jaanuar 2003

G/TBT/N/KWT/5, 6 23. detsember 2002	KUVEIT	erinevad tooted	vastavushindamis- protseduurid	31. jaanuar 2003
G/TBT/N/JPN/62 23. detsember 2002	JAAPAN	toortüüpi kiirnuudlid	tarbijakaitse	22. jaanuar 2002
G/TBT/N/JPN/63 23. detsember 2002	JAAPAN	keedised/džemmide	tarbijakaitse	22. jaanuar 2003
G/TBT/N/JPN/64 23. detsember 2002	JAAPAN	kiirnuudlid	tarbijakaitse	22. jaanuar 2003
G/TBT/N/JPN/65 23. detsember 2002	JAAPAN	põllumajanduslikud kemikaalid	inimeste tervise kaitse	22. november 2002
G/TBT/N/ITA/1 23. detsember 2002	ITAALIA	koertelt ja kassidelt pärinev nahk, karusnahk ja sellest tooted ning rõivad	impordikeeld, koerte ja kasside kaitsmine	17. detsember 2002
G/TBT/N/CAN/53 23. detsember 2002	KANADA	toksilised jäätmed ICS: 13.020	inimeste tervise ja keskkonnakaitse	5. veebruar 2003
G/TBT/N/EEC/24 24. detsember 2002	EUROOPA ÜHENDUSED	metsa paljundusmaterjal	nõuded	31. jaanuar 2003
G/TBT/N/SGP/2 7. jaanuar 2003	SINGAPUR	elektriseadmed	nõuded	15. märts 2003
G/TBT/N/FRA/17 7. jaanuar 2003	PRANTSUSMAA	viljastavad ained ja kasvukeskkond	nõuded	-
G/TBT/N/FRA/18 7. jaanuar 2003	PRANTSUSMAA	põhilised mineraalsed lisandid (rikastatud ained) ja kasvukeskkond	nõuete uuendamine	-
G/TBT/N/CAN/54 7. jaanuar 2003	KANADA	hõõglambid, fluorestseeruvad ballastlambid, konditsioneerid, nõudepesumasinaid	keskkonnakaitse	27. veebruar 2003
G/TBT/N/USA/29 8. jaanuar 2003	USA	diagnostilised röntgensüsteemid	olemasoleva seadusandluse uuendamine	9. aprill 2003
G/TBT/N/USA/30 8. jaanuar 2003	USA	kergeveokid ICS: 43	parandada kütusesäästlikkust	14. veebruar 2003
G/TBT/N/THA/97 8. jaanuar 2003	TAI	petrool HS: 2710.002, ICS: 75.160.01	tarbijakaitse	-
G/TBT/N/GBR/7 8. jaanuar 2003	ÜHENDATUD KUNINGRIIK	väetised	nõuded	2 kuud
G/TBT/N/EEC/25 8. jaanuar 2003	EUROOPA ÜHENDUSED	looduslik mineraalvesi ja allikavesi	nõuded (Direktiivid 80/777/EMÜ, 96/70/EÜ ja 80/778/EMÜ)	60 päeva
G/TBT/N/THA/98 9. jaanuar 2003	TAI	vedelgaas	tarbijakaitse	-
G/TBT/N/THA/99 9. jaanuar 2003	TAI	diislikütus	tarbijakaitse	-
G/TBT/N/THA/100 9. jaanuar 2003	TAI	bensiin	tarbijakaitse	-
G/TBT/N/THA/101 9. jaanuar 2003	TAI	autokütus HS: 2710.001, ICS: 75.160.01	tarbijakaitse	-
G/TBT/N/THA/102 9. jaanuar 2003	TAI	kütteõli (HS: 27.09, ICS: 75.160.01)	tarbijakaitse	-
G/TBT/N/THA/103 9. jaanuar 2003	TAI	moororrrattad ja mopeedid HS: 87.11, ICS: 43.140	tarbijakaitse	60 päeva

G/TBT/N/THA/104 9. jaanuar 2003	TAI	kliimaseadmed HS: 84.15, ICS: 23.120	nõuded	60 päeva
G/TBT/N/THA/ 105, 106 9. jaanuar 2003	TAI	kofeiin (HS: 2939.30, ICS: 67.140.20), alkaloide või antibiootikume sisaldavad ravimid (HS: 3003.40)	tarbijakaitse	60 päeva
G/TBT/N/KOR/47 9. jaanuar 2003	KOREA	elektriseadmed	nõuded	3. märts 2003
G/TBT/N/JPN/66 9. jaanuar 2003	JAAPAN	singid HS: 73.1111	tarbijakaitse	26. veebruar 2003
G/TBT/N/JPN/67 9. jaanuar 2003	JAAPAN	Pressed ham HS: 73.1112	tarbijakaitse	26. veebruar 2003
G/TBT/N/JPN/68 9. jaanuar 2003	JAAPAN	peekon HS: 73.1113	tarbijakaitse	26. veebruar 2003
G/TBT/N/JPN/69 9. jaanuar 2003	JAAPAN	segavorst HS: 73.1122	tarbijakaitse	26. veebruar 2003
G/TBT/N/JPN/70 9. jaanuar 2003	JAAPAN	segapresssink HS: 73.1113	tarbijakaitse	26. veebruar 2003
G/TBT/N/JPN/71 9. jaanuar 2003	JAAPAN	vorst HS: 73.1121	tarbijakaitse (mürgistusnõuded)	26. veebruar 2003
G/TBT/N/JPN/72 9. jaanuar 2003	JAAPAN	neontrafod HS: 85.0431	nõuete vastavusse viimine IEC standarditega	7. märts 2003
G/TBT/N/AUS/13 9. jaanuar 2003	AUSTRAALIA	meditsiinilistel eesmärkidel töödeldud toit	inimeste tervise kaitse	15. märts 2003
G/TBT/N/NLD/56 10. jaanuar 2003	HOLLAND	vitamiin D-ga rikastatud kollane rasvane määre	turule lubamine	14. jaanuar 2003
G/TBT/N/BRA/75 13. jaanuar 2003	BRASIILIA	gangliosiidil põhinevad ravimid	tarbijate tervis ja ohutus ja nõuded juhistele	-
G/TBT/N/BRA/76 13. jaanuar 2003	BRASIILIA	uued rehvid	tarbijate ohutus	-
G/TBT/N/BRA/77 13. jaanuar 2003	BRASIILIA	plastpakendid	tarbijate ohutus	-
G/TBT/N/NZL/12 14. jaanuar 2003	UUS MEREMAA	meditsiinilistel eesmärkidel töödeldud toit	inimeste tervise kaitse	15. märts 2003
G/TBT/N/FRA/19 14. jaanuar 2003	PRANTSUSMAA	nakkuslike tervishoiujäätmete ja inimjäätmete pakendamine	ohutusnõuded	-
G/TBT/N/FRA/20 15. jaanuar 2003	PRANTSUSMAA	tulekaitse	ohutusnõuded	60 päeva
G/TBT/N/ISR/9 17. jaanuar 2003	IISRAEL	juhtimis- ja jaotusseadmed ICS: 29.120.40, HS: 85	tarbijaohutus	60 päeva
G/TBT/N/ISR/11 17. jaanuar 2003	IISRAEL	pistikud, pistikupesad ICS: 29.120.30, HS: 8536	tarbijaohutus	60 päeva
G/TBT/N/ISR/12 17. jaanuar 2003	IISRAEL	primaarpatareid ICS: 29.220.10, HS: 85.06	keskkonnakaitse ja tarbijainfo	60 päeva
G/TBT/N/ISR/13 17. jaanuar 2003	IISRAEL	külma vee arvestid ICS: 91.140.60, HS: 9026	tarbijakaitse ja informatsioon	60 päeva

G/TBT/N/ISR/14 17. jaanuar 2003	IISRAEL	infotehnoloogia- seadmed ICS: 35.020, HS: 84.71	tarbijakaitse	60 päeva
G/TBT/N/ISR/15 17. jaanuar 2003	IISRAEL	bituumenist katusematerjal ICS: 91.120.30, HS: 6807	tarbijate ohutus ja kaitse	60 päeva
G/TBT/N/HRV/1 20. jaanuar 2003	HORVAATIA	elektriarvestid ICS: 17.020, 17.220.20	nõuded	-
G/TBT/N/HRV/2 17. jaanuar 2003	HORVAATIA	klaasist elavhõbeda- termomeetrid	nõuded	-
G/TBT/N/HRV/3 20. jaanuar 2003	HORVAATIA	alkomeetrid ICS: 71.040.10	nõuded	-
G/TBT/N/HRV/4 20. jaanuar 2003	HORVAATIA	kalibreeritud mõõtesilindrid laboratooriumis kasutamiseks ICS: 17.060	nõuded	-
G/TBT/N/HRV/5 20. jaanuar 2003	HORVAATIA	pipetid ICS: 11.100	nõuded	-
G/TBT/N/HRV/6 20. jaanuar 2003	HORVAATIA	büretid laboratooriumis kasutamiseks ICS: 17.220, 75.180.30	nõuded	-
G/TBT/N/HRV/7 20. jaanuar 2003	HORVAATIA	klaasist mõõtekolbid laboratooriumis kasutamiseks ICS: 17.020	nõuded	-
G/TBT/N/HRV/8 20. jaanuar 2003	HORVAATIA	gaasiarvestid ICS: 17.220, 75.180.30	nõuded	-
G/TBT/N/HRV/9 20. jaanuar 2003	HORVAATIA	elektroonsed (staatilised) klass 0,2S ja 0,5S aktiivelektrienergia arvestid ICS: 17.020, 17.220.20	nõuded	-
G/TBT/N/HRV/10 20. jaanuar 2003	HORVAATIA	elektrienergia arvestid ICS: 17.020, 17.220.20	nõuded	-

## WTO SEKRETARIAADILT SAABUNUD SPS TEATISED

NUMBER & ESITAMIS- KUUPÄEV	RIIK	MÕJUTATAV PIIRKOND/ RIIK	TOODE	EESMÄRK	KOMMEN- TAARIDE ESITAMISE VIIMANE KUUPÄEV
G/SPS/N/EEC/ 182, 183 8. jaanuar 2003	EUROOPA ÜHENDUSED	EÜ liikmed ja EÜ-sse eksportivad kolmandad riigid	teravili, liha, munad, teatud puu- ja juurviljad, kaunvilid, teelehed ja humalad ICS: 65.100	toiduohutus	60 päeva
G/SPS/N/EEC/184 8. jaanuar 2003	EUROOPA ÜHENDUSED	EÜ liikmed ja EÜ-sse eksportivad kolmandad riigid	lambad ja kitsed	toiduohutus	60 päeva

G/SPS/N/EEC/185 8. jaanuar 2003	EUROOPA ÜHENDUSED	EÜ liikmed ja EÜ-sse eksportivad kolmandad riigid	toidu lisaained (ICS 67.220.20)	toiduohutus	60 päeva
G/SPS/N/USA/654 8. jaanuar 2003	USA	kõik kaubandus- partnerid	pestitsiid Triclopyr	toiduohutus	18. november 2002
G/SPS/N/USA/656 9. jaanuar 2003	USA	kõik USA kaubandus- partnerid	pestitsiid Oxyfluorfend	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	30. detsember 2002
G/SPS/N/USA/ 655, 657 9. jaanuar 2003	USA	kõik USA kaubandus- partnerid	pestitsiid Cyfluthrin, Oxyfluorfen	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	26. november 2002
G/SPS/N/USA/658 9. jaanuar 2003	USA	kõik USA kaubandus- partnerid	pestitsiid hüdrokeenitud tärglis hydrolysate (HSH)	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	22. november 2002
G/SPS/N/USA/ 659, 660, 662 9. jaanuar 2003	USA	kõik USA kaubandus- partnerid	pestitsiid Spinosad, pestitsiid Triticonazole, insektitsiid Lambda- cyhalothrin	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	26. november 2002
G/SPS/N/USA/661 9. jaanuar 2003	USA	kõik USA kaubandus- partnerid	pestitsiid Lindane	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	22. november 2002
G/SPS/N/USA/663 9. jaanuar 2003	USA	kõik USA kaubandus- partnerid	pestitsiid ammoonium bikarbonaat	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	25. oktoober 2002
G/SPS/N/USA/664 9. jaanuar 2003	USA	kõik USA kaubandus- partnerid	pestitsiid Tolyfluaniid	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	25. november 2002
G/SPS/N/USA/665 9. jaanuar 2003	USA	kõik USA kaubandus- partnerid	pestitsiid Methoxyfenozone	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	19. november 2002
G/SPS/N/USA/666 9. jaanuar 2003	USA	kõik USA kaubandus- partnerid	pestitsiid Thiamethoxam	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	31. detsember 2002

G/SPS/N/USA/667 9. jaanuar 2003	USA	kõik USA kaubandus- partnerid	pestitsiid Dimethomorph	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	26. november 2002
G/SPS/N/USA/668 9. jaanuar 2003	USA	kõik USA kaubandus- partnerid	pestitsiid Diflubenzuron	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	18. november 2002
G/SPS/N/USA/669 9. jaanuar 2003	USA	kõik USA kaubandus- partnerid	pestitsiid Pyraclostrobin	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	26. november 2002
G/SPS/N/USA/ 670, 672 9. jaanuar 2003	USA	kõik USA kaubandus- partnerid	pestitsiid Fenamidone	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	26. september 2002
G/SPS/N/USA/671 9. jaanuar 2003	USA	kõik USA kaubandus- partnerid	toit	toiduohutus	-
G/SPS/N/USA/673 10. jaanuar 2003	USA	kõik USA kaubandus- partnerid	pestitsiid Pseudozyma flocculosa strain PF-A22 UL	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	26. oktoober 2002
G/SPS/N/USA/674 10. jaanuar 2003	USA	kõik USA kaubandus- partnerid	pestitsiid Clopyralid	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	25. november 2002
G/SPS/N/USA/675 10. jaanuar 2003	USA	kõik USA kaubandus- partnerid	pestitsiid Azoxystrobin	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	19. november 2002
G/SPS/N/USA/676 10. jaanuar 2003	USA	kõik USA kaubandus- partnerid	pestitsiid Halosulfuron- methyl	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	19. november 2002
G/SPS/N/USA/677 10. jaanuar 2003	USA	kõik USA kaubandus- partnerid	pestitsiid Diazinon	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	25. november 2002
G/SPS/N/USA/678 10. jaanuar 2003	USA	kõik USA kaubandus- partnerid	pestitsiid Thiabendazole	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	22. november 2002

G/SPS/N/USA/679 10. jaanuar 2003	USA	kõik USA kaubandus-partnerid	pestitsiid Kofeiin	loomatervis/ taimekaitse	15. oktoober 2002
G/SPS/N/USA/680 10. jaanuar 2003	USA	kõik USA kaubandus-partnerid	pestitsiid Methamidophos, Organophosphate	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	-
G/SPS/N/USA/681 13. jaanuar 2003	USA	kõik USA kaubandus-partnerid	pestitsiid Clopyralid	toiduohutus/ inimeste kaitsmine looma- /taime- haiguste eest	25. november 2002
G/SPS/N/USA/682 13. jaanuar 2003	USA	Inglismaa, Šotimaa, Wales ja Mani saar	loomad, liha ja loomsed tooted	loomatervis	-
G/SPS/N/USA/683 13. jaanuar 2003	USA	kõik kaubandus-partnerid	lihast valmistooted (looma- ja sealiha) ja linnuliha tooted	toiduohutus	-
G/SPS/N/USA/684 13. jaanuar 2003	USA	kõik kaubandus-partnerid	veiseliha tooted	toiduohutus	6. detsember 2002
G/SPS/N/USA/685 16. jaanuar 2003	USA	Hiiina	Ya pirnid	taimekaitse	18. veebruar 2003
G/SPS/N/USA/686 16. jaanuar 2003	USA	kaubandus-partnerid	veiseliha ja sellest tooted, mäletsejad	loomatervis	-
G/SPS/N/JAM/6 10. jaanuar 2003	USA	Trinidad ja Tobago	puidust kaubaalused	taimekaitse	-
G/SPS/N/DEU/7 13. jaanuar 2003	SAKSAMAA	-	mineraalvesi, allikavesi, lauavesi (CN 2202.10)	toiduohutus	20. jaanuar 2003
G/SPS/N/DEU/8 16. jaanuar 2003	SAKSAMAA	Saksamaaga kauplevad riigid	loomne ja taimne toit	toiduohutus	45 päeva
G/SPS/N/USA/687 16. jaanuar 2003	USA	Mehhiko ja Kesk-Ameerika	mangod	taimekaitse	18. veebruar 2003
G/SPS/N/EEC/186 16. jaanuar 2003	EUROOPA ÜHENDUSED	EÜ liikmed ja EÜ-sse eksportivad kolmandad riigid	liha, ka linnuliha, searasv, munad, püim, mesi ja põllumajandus-tooted.	toiduohutus	15. veebruar 2003
G/SPS/N/EEC/187 16. jaanuar 2003	EUROOPA ÜHENDUSED	EÜ liikmed ja EÜ-sse eksportivad kolmandad riigid	loomasööt	toiduohutus/ loomatervis	-
G/SPS/N/NZL/198 16. jaanuar 2003	UUS MEREMAA	kõik riigid	palmi külviseemned	taimekaitse	21. märts 2003
G/SPS/N/TPKM/15 16. jaanuar 2003	TAIWANI, PENGHU, KINMENI ja MATSU ERALDI TOLLI-TERRITOORIUM	-	Synthetic zeaxanthin	toiduohutus	1. märts 2003

# 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 ingliskeelsena 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 huvitatul 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 kokkulangevatest standarditest EVS kontaktisiku kaudu);

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

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

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

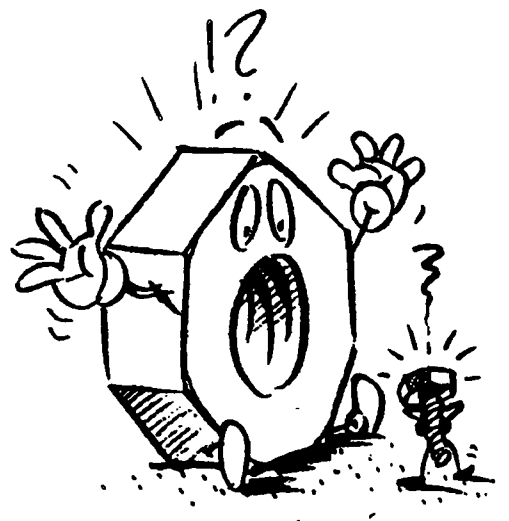
Kavandite arvamusküsitlusel on eriti oodatud teave, kui rahvusvahelist või Euroopa standardit ei peaks vastu võtma Eesti standardiks (vastuolu Eesti õigusaktidega, pole Eestis rakendatav jt põhjustel).

## ICS PÕHIRÜHMAD

ICS	Nimetus
01	Üldküsimused. Terminoloogia. Standardimine. Dokumentatsioon
03	Sotsioloogia. Teenused. Ettevõtte organiseerimine ja juhtimine. Haldus. Transport
07	Matemaatika. Loodusteadused
11	Tervisehooldus
13	Keskkonna- ja tervisekaitse. Ohutus



17	Metroloogia ja mõõtmine. Füüsilised nähtused
19	Katsetamine
21	Üldkasutatavad masinad ja nende osad
23	Üldkasutatavad hüdro- ja pneumosüsteemid ja nende osad
25	Tootmistehnoloogia
27	Elektri- ja soojusenergeetika
29	Elektrotehnika
31	Elektroonika
33	Sidetehnika
35	Infotehnoloogia. Kontoriseadmed
37	Visuaaltehnika
39	Täppismehaanika. Juvelitooted
43	Maanteesõidukite ehitus
45	Raudteetehnika
47	Laevaehitus ja mereehitused
49	Õhusõidukid ja kosmosetehnika
53	Töste- ja teiseladusseadmed
55	Pakendamine
59	Tekstiili- ja nahatehnoloogia
61	Rõivatööstus
65	Põllumajandus
67	Toiduainete tehnoloogia
71	Keemiline tehnoloogia
73	Mäendus ja maavarad
75	Nafta ja naftatehnoloogia
77	Metallurgia
79	Puidutehnoloogia
81	Klaasi- ja keraamikatööstus
83	Kummi- ja plastitööstus
85	Paberitehnoloogia
87	Värvide ja värvainete tööstus
91	Ehitusmaterjalid ja ehitus
93	Tsiviilehitus
95	Sõjatehnika
97	Olme. Meelelahutus. Sport
99	Muud




---

### 01.040.13

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

Environment and health protection. Safety (Vocabularies)

---

#### KAVANDITE ARVAMUSKÜSITLUS

prEVS 55526

Tähtaeg: 2003-04-01

Identne prEN 13237:2002

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

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

---

### 01.040.17

#### Metroloogia ja mõõtmine. Füüsilised nähtused (sõnavara)

Metrology and measurement. Physical phenomena (Vocabularies)

---

#### UUED STANDARDID

EVS-HD 483.2 S2:2003

Hind 130,00

Identne IEC 60268-2:1987+

A1:1991

ja identne HD 483.2 S2:1993

Sound system equipment; Part 2: Explanation of general terms and calculation methods  
Defines, explains and gives methods of calculating terms and expressions used in this series of publications.

---

### 01.040.29

#### Elektrotehnika (sõnavara)

Electrical engineering (Vocabularies)

---

#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 54228

Tähtaeg: 2003-04-01

Identne IEC 60050-195:1998 + A1:2001

**Rahvusvaheline elektrotehnikasõnastik. Osa 195: Maandamine ja kaitse elektrilöögi eest**

Rahvusvahelise elektrotehnika sõnastiku osa 195 käsitleb elektrotehnika ja elektrihohtusega seotud terminoloogiat  
prEVS 55526

Tähtaeg: 2003-04-01

Identne prEN 13237:2002

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

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

---

**01.040.79**

**Puidutehnoloogia (sõnavara)**

Wood technology  
(Vocabularies)

---

**KAVANDITE ARVAMUSKÜSITLUS**

prEVS 40106

Tähtaeg: 2003-04-01

Identne prEN 13556:2002

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

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

---

**01.060**

**Suurused ja ühikud**

Quantities and units

---

**UUED STANDARDID**

**EVS-HD 245.3 S3:2003**

Hind 229,00

Identne IEC 60027-3:1989+

A1:2000

ja identne HD 245.3 S3:2001

**Letter symbols to be used in electrical technology - Part 3: Logarithmic quantities and units**

Applies to logarithmic quantities and units. Quantities that can be expressed as the logarithm of a dimensionless quantity, such as the ratio of two physical quantities of the same kind, can be regarded and treated in different ways. In many cases, differences do not affect practical treatment.

**EVS-HD 245.4 S1:2003**

Hind 92,00

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

---

**UUED STANDARDID**

**EVS-HD 402 S2:2003**

Hind 66,00

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 tingtähisid**

Character symbols

---

**UUED STANDARDID**

**EVS-HD 245.3 S3:2003**

Hind 229,00

Identne IEC 60027-3:1989+

A1:2000

ja identne HD 245.3 S3:2001

**Letter symbols to be used in electrical technology - Part 3: Logarithmic quantities and units**

Applies to logarithmic quantities and units. Quantities that can be expressed as the logarithm of a dimensionless quantity, such as the ratio of two physical quantities of the same kind, can be regarded and treated in different ways. In many cases, differences do not affect practical treatment.

---

**01.080.20**

**Eriseadmete graafilised tingtähisid**

Graphical symbols for use on specific equipment

---

**UUED STANDARDID**

**EVS-EN 61429:2003**

Hind 109,00

Identne IEC 61429:1995

ja identne EN 61429:1996+

A11:1998

**Marking of secondary cells and batteries with the international recycling symbol ISO 7000-1135**

This International Standard defines the conditions of utilization of the recycling symbol of the International Organization for Standardization (ISO) associated with the chemical symbols indicating the electrochemical system of the battery. This standard applies to lead-acid batteries (Pb) and nickel-cadmium batteries (Ni-Cd).\*

**EVS-HD 450.11 S1:2003**

Hind 101,00

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.

---

**03.120.30****Statistiliste meetodite rakendamise**

---

Application of statistical methods

---

**UUED STANDARDID****EVS-EN 61703:2003**

Hind 212,00

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.

---

**11.040.50****Radiograafiaseadmed**

---

**Radiographic equipment**

---

**UUED STANDARDID****EVS-EN 60580:2003**

Hind 170,00

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.

**EVS-HD 364 S2:2003**

Hind 92,00

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.

**EVS-HD 513 S1:2003**

Hind 92,00

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.

**EVS-HD 395.2.15 S1:2003**

Hind 190,00

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.

**KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 55659

Tähtaeg: 2003-03-01

Identne IEC 60601-2-44:2001/A1:2002

ja identne EN 60601-2-44:2001/A1:2003

**Medical electrical equipment - Part 2-44: Particular requirements for the safety of X-ray equipment for computed tomography**

This particular standard applies to X-ray equipment for computed tomography (CT SCANNERS). It does not cover the safety requirements for HV-generators which will be the subject of another standard. The object of this standard is to establish requirements for safe operation of CT SCANNERS in as far as those requirements have not yet been specified in the General Standard, the Collateral Standards or other Particular Standards.

prEVS 55684

Tähtaeg: 2003-03-01

Identne IEC 61676:2002

ja identne EN 61676:2002

**Medical electrical equipment - Dosimetric instruments used for non-invasive measurement of X-ray tube voltage in diagnostic radiology**

Specifies the performance requirements of instruments as used in the non-invasive measurement of X-ray tube voltage up to 150 kV and the relevant compliance tests. Describes the method for calibration and gives guidance for estimating the uncertainty in measurements performed under conditions different from those during calibration. This standard is not concerned with the safety aspect of such instruments. The requirements for electrical safety applying to them are contained in IEC 61010-1.

---

**11.040.55****Diagnostikaseadmed**

---

**Diagnostic equipment**

---

**UUED STANDARDID****EVS-EN 60601-2-37:2003**

Hind 229,00

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.

**EVS-EN 60601-2-47:2003**

Hind 199,00

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:

- 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.

**EVS-EN 60601-2-49:2003**

Hind 199,00

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.

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55671

Tähtaeg: 2003-03-01

Identne IEC 61010-2-101:2002

ja identne EN 61010-2-101:2002

**Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-101: Particular requirements for in vitro diagnostic (IVD) medical equipment**

Applies to equipment intended for in vitro diagnostic (IVD) medical purposes. This is used for the examination of specimens, including blood and tissue samples, derived from the human body. The standard also covers self-test IVD medical equipment for use by lay persons.

prEVS 55684

Tähtaeg: 2003-03-01

Identne IEC 61676:2002

ja identne EN 61676:2002

**Medical electrical equipment - Dosimetric instruments used for non-invasive measurement of X-ray tube voltage in diagnostic radiology**

Specifies the performance requirements of instruments as used in the non-invasive measurement of X-ray tube voltage up to 150 kV and the relevant compliance tests. Describes the method for calibration and gives guidance for estimating the uncertainty in measurements performed under conditions different from those during calibration. This standard is not concerned with the safety aspect of such instruments. The requirements for electrical safety applying to them are contained in IEC 61010-1.

**11.040.60**

**Raviseadmed**

**Therapy equipment**

**UUED STANDARDID**

**EVS-EN 60601-2-50:2003**

Hind 155,00

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.

**EVS-HD 395.2.4 S1:2003**

Hind 229,00

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.

**EVS-HD 395.2.6 S1:2003**

Hind 126,00

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.

**11.100**

**Laboratoorne meditsiin**

**Laboratory medicine**

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55549

Tähtaeg: 2003-04-01

Identne ISO 10993-17:2002

ja identne EN ISO 10993-17:2002

**Biological evaluation of medical devices - Part 17: Establishment of allowable limits for leachable substances**

This part of ISO 10993 specifies a method for the determination of allowable limits for substances leachable from medical devices

**13.030.01**

**Jäätmed üldiselt**

**Wastes in general**

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 38339

Tähtaeg: 2003-04-01

Identne prEN 13370:2002

**Characterization of waste -**

**Analysis of eluates -**

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

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

---

**13.030.40****Jäätmeoidlad ja jäätmekäitlusseadmed**

---

Installations and equipment for waste disposal and treatment

---

**KAVANDITE ARVAMUSKÜSITLUS**

prEVS 30629

Tähtaeg: 2003-04-01

Identne prEN 13760:2002

**Characterization of waste -**

**Analysis of eluates -**

**Determination of pH, As, Ba, Cd, Cl-, Co, Cr, Cr VI, Cu, Mo, Ni, NO<sub>2</sub>-, Pb, total S, SO<sub>4</sub> 2-, V and Zn**

This European Standard specifies methods for the determination of the parameters pH, As, Ba, Cd, Cl-, Co, Cr, Cr VI, Cu, Mo, Ni, NO<sub>2</sub>-, Pb, total S, SO<sub>4</sub> 2-, V and Zn in aqueous eluates for the characterization of waste

---

---

**13.040.40****Püsiallikate heitmed**

---

Stationary source emissions

---

**KAVANDITE ARVAMUSKÜSITLUS**

prEVS 55482

Tähtaeg: 2003-04-01

Identne prEN 13284-2:2002

**Stationary source emissions -**

**Determination of low range**

**mass concentration of dust -**

**Part 2: Automated measuring**

**systems**

This part of EN 13284 specifies conditions and criteria for the choice, commissioning and calibration of automated measuring systems (AMS) used for proving that the emissions from a source are compliant with emission limits below 50 mg/m<sup>3</sup> (standard conditions) in ducted gaseous streams

---

---

**13.060****Vee kvaliteet**

---

Water quality

---

**KAVANDITE ARVAMUSKÜSITLUS**

prEVS 55718

Tähtaeg: 2003-04-01

Identne prEN 14454:2002

---

Devices to prevent pollution by backflow of potable water - Hose union backflow preventer DN 15 to DN 32 inclusive - Family H, type A

This draft European standard specifies: -the field of application; - the requirements for hose union backflow preventer with non polymeric bodies; - the dimensional and the physico-chemical properties and the properties of general hydraulic, mechanical and acoustic design to which hose union backflow preventers of nominal sizes DN 15 up to and including DN 32; - the test method and requirements for verifying these properties. For combined devices<sup>1)</sup> only the anti-pollution tests have to be performed; - the marking and the presentation; - the acoustics

---

---

**13.060.01****Vee kvaliteet üldiselt**

---

Water quality in general

---

**KAVANDITE ARVAMUSKÜSITLUS**

prEVS 53988

Tähtaeg: 2003-03-01

Identne EVS 835:2003

**Kinnistu veevärgi**

**projekteerimine**

---

---

**13.110****Masinate ohutus**

---

Safety of machinery

---

**UUED STANDARDID**

**EVS-EN 61508-1:2003**

Hind 229,00

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.

---

**KAVANDITE ARVAMUSKÜSITLUS**

prEVS 55486

Tähtaeg: 2003-04-01

Identne ISO/FDIS 13849-2:2002

ja identne prEN ISO 13849-2:2002

**Safety of machinery - Safety-related parts of control systems - Part 2: Validation**

This European Standard specifies the procedures and conditions to be followed for the validation by analysis and testing of: - the safety functions provided, and - the category achieved of the safety-related parts of the control system in compliance with EN 954-1 (ISO 13849-1), using the design rationale provided by the designer

---

---

**13.120****Ohutus kodus**

---

Domestic safety

---

**UUED STANDARDID**

**EVS-EN 60335-2-**

**21:2001/A12:2003**

Hind 49,00

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.

---

**KAVANDITE ARVAMUSKÜSITLUS**

prEVS 55651

Tähtaeg: 2003-03-01

Identne IEC 60335-2-35:2002

ja identne EN 60335-2-35:2002

---

## Safety of household and similar electrical appliances - Part 2:

### Particular requirements for instantaneous water heaters

This standard deals with the safety of electric instantaneous water heaters for household and similar purposes and intended for heating water below boiling temperature, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. Note 1 - Instantaneous water heaters incorporating bare heating elements are within the scope of this standard.

prEVS 55654

Tähtaeg: 2003-03-01

Identne IEC 60335-2-45:2002

ja identne EN 60335-2-45:2002

## Safety of household and similar electrical appliances - Part 2:

### Particular requirements for portable heating tools and similar appliances

This standard deals with the safety of portable electric heating tools and similar appliances, their rated voltage being not more than 250 V.

prEVS 55656

Tähtaeg: 2003-03-01

Identne IEC 60335-2-96:2002

ja identne EN 60335-2-96:2002

## Safety of household and similar electrical appliances - Part 2-96: Particular requirements for flexible sheet heating elements for room heating

Deals with the safety of flexible sheet heating elements. These are incorporated into a building to heat rooms. The rated voltage is less than 250 V for single-phase installations and 480 V for other installations. For heated blankets and pads, see IEC 60335-2-17. For heated mats and foot warmers, see IEC 60335-2-81. This standard does not cover under-carpet heaters, nor flexible heating elements incorporated in other appliances.

## 13.220.20

### Tulekaitsevahendid

#### Fire protection

## KAVANDITE

## ARVAMUSKÜSITLUS

prEVS 55419

Tähtaeg: 2003-03-03

Identne EVS 871:2003

Tuletõkke- ja evakuatsioonivahendid ja sulused. Kasutus

## 13.220.40

### Materjalide ja toodete süttivus ning põlemislaad

#### Ignitability and burning behaviour of materials and products

## UUED STANDARDID

EVS-EN 50306-1:2003

Hind 126,00

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.

EVS-EN 50306-2:2003

Hind 109,00

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.

EVS-EN 50306-3:2003

Hind 109,00

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.

EVS-EN 50306-4:2003

Hind 146,00

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).

EVS-EN 50289-4-11:2003

Hind 170,00

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.

---

13.220.99

**Muud**

**tulekaitsevahenditega  
seotud standardid**

---

Other standards related to  
fire protection

---

**UUED STANDARDID**

**EVS-EN 60695-6-1:2003**

Hind 170,00

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.

---

13.260

**Elektrilöögikaitse**

---

Protection against electric  
shock

---

**UUED STANDARDID**

**EVS-EN 61057:2003**

Hind 212,00

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.

**EVS-EN 61478:2003**

Hind 179,00

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.

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 54228

Tähtaeg: 2003-04-01

Identne IEC 60050-195:1998 +  
A1:2001

**Rahvusvaheline  
elektrotehnikasõnastik. Osa 195:  
Maandamine ja kaitse  
elektrilöögi eest**

Rahvusvahelise elektrotehnika  
sõnastiku osa 195 käsitleb  
elektrotehnika ja elektrihoitusega  
seotud terminoloogiat

prEVS 55559

Tähtaeg: 2003-04-01

Identne IEC 61140:2001

ja identne EN 61140:2002

**Kaitse elektrilöögi eest.**

**Üldnõuded paigaldistele ja  
seadmetele**

Applies to the protection of  
persons and animals against  
electric shock. It is intended to give  
fundamental principles and  
requirements which are common  
to electrical installations, systems  
and equipment or necessary for  
their co-ordination. Prepared for  
installations, systems and  
equipment without a voltage limit.  
NOTE - There are some clauses in  
this standard which refer to low-  
voltage and high-voltage systems,  
installations and equipment. For  
the purpose of this standard, low -  
voltage is any rated voltage up to  
and including 1 000 V a.c. or 1 500  
V d.c. High voltage is any rated  
voltage exceeding 1 000 V a.c. or 1  
500 V d.c. The requirements

prEVS 55680

Tähtaeg: 2003-03-01

Identne IEC 61477:2001 +

A1:2002

ja identne EN 61477:2002 +

A1:2002

**Live working - Minimum  
requirements for the utilization  
of tools, devices and equipment**

Gives the minimum requirements  
relative to specification,  
manufacture, selection, application  
and maintenance of tools, devices  
and equipment for live working. It  
provides the type of information  
which is useful to skilled persons in  
order to make the use of tools,  
devices and equipment safer.

prEVS 55682

Tähtaeg: 2003-03-01

Identne IEC 61477:2001

ja identne EN 61477:2002

**Live working - Minimum  
requirements for the utilization  
of tools, devices and equipment**  
Gives the minimum requirements  
relative to specification,  
manufacture, selection, application  
and maintenance of tools, devices  
and equipment for live working. It  
provides the type of information  
which is useful to skilled persons in  
order to make the use of tools,  
devices and equipment safer.

---

13.310

**Kaitse kuritegevuse vastu**

---

Protection against crime

---

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55496

Tähtaeg: 2003-04-01

Identne prEN 14604:2002

**Self-contained smoke alarms**

This European Standard specifies  
requirements, test methods,  
performance criteria, and  
manufacturer's instructions for  
self-contained smoke alarms that  
operate using scattered light,  
transmitted light, or ionization,  
intended for household or similar  
residential applications

---

13.320

**Häire- ja  
hoiatussüsteemid**

---

Alarm and warning systems

---

**UUED STANDARDID**

**EVS-EN 60849:2003**

Hind 130,00

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.

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55613

Tähtaeg: 2003-03-01  
Identne EN 50133-1:1996/  
A1:2002

**Alarm systems - Access control systems for use in security applications - Part 1: System requirements**

This standard specifies requirements for automated access control systems and components in and around buildings. It includes: - system architecture and general requirements of an access control system for security applications; - requirements for functions; - definition of the environmental and electromagnetic compatibility conditions; - requirements for communication of an access control with others, such as access point actuators and sensors, alarm system, etc. The standard does not apply to access point actuators and sensors.

**13.340.10  
Kaitserõivad**

**Protective clothing**

**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 34769

Tähtaeg: 2003-04-01

Identne prEN 13034:2002

**Protective clothing against liquid chemicals - Performance requirements for chemical protective clothing offering limited protective performance against liquid chemicals (type 6 equipment)**

This European Standard specifies the minimum requirements for limited use and re-useable limited performance chemical protective clothing (type 6). It also specifies the minimum requirement for connections between different parts of the suit by the use of a reduced whole suit spray test using a variant of EN 468:1994, as described in 5.2

prEVS 55499

Tähtaeg: 2003-04-01

Identne prEN 14605:2002

**Protective clothing for use against liquid chemicals - Performance requirements for chemical protective clothing with liquid-tight (type 3) or spray-tight (type 4) connections between parts of the clothing, including items providing protection to parts of the body only**

This European Standard specifies the minimum requirements for the following types of limited use and reusable chemical protective clothing: clothing with liquid-tight connections between different parts of the clothing (type 3: liquid-tight clothing) and, if applicable, with liquid-tight connections to component parts, such as hoods, gloves, boots, visors or respiratory protective equipment, which may be specified in other European Standards. Such garments are full-body protective clothing, such as one-piece coveralls or two-piece suits, with or without hood or visors, with or without boot-socks or overboots, with or without gloves

**13.340.99  
Muud kaitsevahendid**

**Other protective equipment**

**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 55497

Tähtaeg: 2003-04-01

Identne prEN 341:2002

**Personal protective equipment against falls from a height - Descender devices for rescue**

This European Standard specifies requirements, test methods, marking and information to be supplied by the manufacturer for descender devices intended solely for rescue, to be used in conjunction with other equipment, e. g. full body harnesses (EN 361), rescue harnesses (EN 1497)

prEVS 55498

Tähtaeg: 2003-04-01

Identne prEN 813:2002

**Personal protective equipment for prevention of falls from a height - Sit harnesses**

This standard specifies requirements, testing, marking and instructions for use of sit harnesses for use in work positioning and restraint systems, where a low point of attachment is required. Sit harnesses are not suitable to be used for fall arrest purposes

**17.140.01  
Akustilised mõõtmised ja müra vähendamise üldkõsimused**

**Acoustic measurements and noise abatement in general**

**UUED STANDARDID**

EVS-HD 443 S1:2003

Hind 101,00

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.

**17.140.50  
Elektroakustika**

**Electroacoustics**

**UUED STANDARDID**

EVS-EN 61842:2003

Hind 170,00

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.

EVS-EN 62092:2003

Hind 212,00

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.

**EVS-EN 60268-5:2003**

Hind 199,00

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.

**EVS-EN 60268-7:2003**

Hind 170,00

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.

**EVS-EN 61094-5:2003**

Hind 130,00

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.

**EVS-EN 60601-2-37:2003**

Hind 229,00

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.

**EVS-HD 305 S1:2003**

Hind 83,00

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.

**EVS-HD 590 S1:2003**

Hind 109,00

Identne IEC 60373:1990  
ja identne HD 590 S1:1991

**Mechanical coupler for measurements on bone vibrators**

Specifies requirements for mechanical couplers used for calibrating bone-conduction audiometers and for making measurements on bone vibrators and bone-conduction hearing aids in the frequency range from 125 Hz to 8 000 Hz inclusive.

**EVS-HD 450.3 S1:2003**

Hind 75,00

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.

**EVS-HD 450.5 S1:2003**

Hind 66,00

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.

**EVS-HD 450.9 S1:2003**

Hind 101,00

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.

**EVS-HD 483.2 S2:2003**

Hind 130,00

Identne IEC 60268-2:1987+A1:1991

ja identne HD 483.2 S2:1993

**Sound system equipment; Part 2: Explanation of general terms and calculation methods**

Defines, explains and gives methods of calculating terms and expressions used in this series of publications.

**EVS-HD 450.11 S1:2003**

Hind 101,00

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.

**EVS-HD 483.10 S1:2003**

Hind 170,00

Identne IEC 60268-10:1991

ja identne HD 483.10 S1:1993

**Sound system equipment; Part 10: Peak programme level meters**

Applies to audio-frequency peak programme level meters, for use in equipment for broadcasting, sound reinforcement, sound recording and household entertainment.

Does not apply to standard volume indicators which are dealt with in IEC 60268-17.

**EVS-HD 483.17 S1:2003**

Hind 101,00

Identne IEC 60268-

17:1990+corr:1991

ja identne HD 483.17 S1:1992

**Sound system equipment; Part 17: Standard volume indicators**

Gives the characteristics to be specified, performance requirements and the relevant methods of measurement for electromechanical volume indicators. The concept of 'volume' is a practical way of assigning a numerical value to the magnitude of electrical speech and music programme signals.

---

**17.180.20**

**Värvused ja valguse mõõtmise**

**Colours and measurement of light**

---

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 38766

Tähtaeg: 2003-04-01

Identne prEN 13363-1:2002

**Solar protection devices**

**combined with glazing -**

**Calculation of solar and light**

**transmittance - Part 1 :**

**Simplified method**

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

---

**17.200.20**

**Temperatuuri**

**mõõtevahendid**

**Temperature-measuring instruments**

---

**UUED STANDARDID**

**EVS-HD 446.3 S1:2003**

Hind 83,00

Identne IEC 60584-3:1989

ja identne HD 446.3 S1:1993

**Thermocouples; part 3: extension and compensating cables; tolerances and identification system**

Specifies manufacturing tolerances and method of identification for extension and compensating cables other than mineral insulated cables.

---

**17.220**

**Elekter. Magnetism.**

**Elektrilised ja**

**magnetilised mõõtmised**

---

**Electricity. Magnetism.**

**Electrical and magnetic**

**measurements**

---

**UUED STANDARDID**

**EVS-EN 61788-7:2003**

Hind 155,00

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**

---

**UUED STANDARDID**

**EVS-EN 60865-1:2003**

Hind 212,00

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.

**EVS-HD 581 S1:2003**

Hind 212,00

Identne IEC 60781:1989

ja identne HD 581 S1:1991

**Application guide for**

**calculation of short-circuit**

**currents in low-voltage radial**

**systems**

This application guide presents a practical method to be used when calculating short-circuit currents in low-voltage networks. The method corresponds strictly with IEC 60909 and leads to conservative results with sufficient accuracy. Two short-circuit currents which differ in magnitude are to be calculated: - the maximum short-circuit current which

**EVS-HD 612 S1:2003**

Hind 101,00

Identne IEC 60428:1973

ja identne HD 612 S1:1992

**Standard cells**

Applies to two kinds of standard cells used as electromotive force references, namely saturated and unsaturated standard cells, and deals with test conditions relating to certification and requirements for their electrical and mechanical characteristics.

**17.220.20**

**Elektriliste ja magnetiliste suuruste mõõtmise**

Measurement of electrical and magnetic quantities

**UUED STANDARDID**

**EVS-EN 50191:2003**

Hind 117,00

Identne EN 50191:2000

**Erection and operation of electrical test equipment**

This standard is applicable to the erection and operation of fixed and temporary electrical test equipment. Compliance with this standard is not necessary, if contact with live parts presents no danger.

**EVS-EN 60359:2003**

Hind 179,00

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

**EVS-EN 60044-1:2002**

Hind 199,00

Identne IEC 60044-1:1996 + A1:2000

ja identne EN 60044-1:1999 + A1:2000

**Instrument transformers - Part 1: Current transformers**

This part of IEC 44 applies to newly manufactured current transformers for use with electrical measuring instruments and electrical protective devices at frequencies from 15 Hz to 100 Hz. Although the requirements are applicable primarily to transformers with separate windings, they are also applicable, where appropriate to autotransformers.

**EVS-EN 60868-0:2003**

Hind 130,00

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.

**EVS-HD 469 S1:2003**

Hind 117,00

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 analysers, 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.

**EVS-HD 587 S1:2003**

Hind 146,00

Identne HD 587 S1:1993

**Instrument transformers; Three-phase voltage**

**transformers for voltage levels having U<(Index)m> up to 52 kV**

This document specifies the requirements and tests for new three-phase voltage transformers with U<(Index)m> up to 52 kV and frequencies from 15 Hz to 100 Hz, for use with electrical instruments or electrical protective devices.

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55644

Tähtaeg: 2003-03-01

Identne IEC 60044-3:2002

ja identne EN 60044-3:2003

**Instrument transformers -**

**Part 3: Combined transformers**

This part of IEC 60044 applies to newly manufactured combined transformers for use with electrical measuring instruments and electrical protective devices at frequencies from 15 Hz to 100 Hz. The requirements and tests of this standard, in addition to the requirements and tests of IEC 60044-1, IEC 60044-2 and IEC 60044-5 cover current, voltage and capacitor voltage transformers, that are necessary for combined instrument transformers. This standard shall be used in conjunction with IEC 60044-1 and IEC 60044-2.

**17.220.99**

**Muud elektri ja magnetismiga seotud standardid**

Other standards related to electricity and magnetism

**UUED STANDARDID**

**EVS-EN 60567:2003**

Hind 190,00

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 on the apparatus available and on the quantity of oil needed for analysis.

**EVS-EN 60216-1:2003**

Hind 190,00

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.

**EVS-EN 60464-2:2003**

Hind 146,00

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.

**EVS-EN 61061-2:2003**

Hind 117,00

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.

**EVS-EN 61061-3-1:2003**

Hind 66,00

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.

**EVS-EN 61061-3-2:2003**

Hind 66,00

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.

---

**17.240****Kiirgusmõõtmised**

---

**Radiation measurements**

---

**UUED STANDARDID****EVS-HD 442 S1:2003**

Hind 170,00

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.

**EVS-HD 462 S1:2003**

Hind 92,00

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.

**EVS-HD 475 S1:2003**

Hind 66,00

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**

---

**UUED STANDARDID****EVS-EN 60068-3-4:2003**

Hind 117,00

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.

**EVS-EN 60068-3-5:2003**

Hind 101,00

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.

**EVS-EN 60068-3-6:2003**

Hind 101,00

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.

**EVS-EN 60068-3-7:2003**

Hind 101,00

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.

**EVS-EN 60068-2-78:2003**

Hind 83,00

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.

**EVS-HD 98 S1:2003**

Hind 49,00

Identne IEC 260:1968

ja identne HD 98 S1:1977

**Test enclosures of non-injection type for constant relative humidity**

This Report specifies performance and constructional requirements for conditioning enclosures with forced air circulation which may be used to carry out humidity tests on components or equipment or similar articles. The relative humidity of the air in the enclosure is controlled by the use of saturated salt solutions or glycerine-water mixtures.

**EVS-HD 323.2.10 S3:2003**

Hind 146,00

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.

**EVS-HD 323.2.20 S3:2003**

Hind 163,00

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).

**EVS-HD 323.2.3 S2:2003**

Hind 92,00

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.

**EVS-HD 323.2.46 S1:2003**

Hind 101,00

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.

**EVS-HD 323.2.54 S1:2003**

Hind 109,00

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.

**EVS-HD 478.2.1 S1:2003**

Hind 179,00

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.

**EVS-HD 478.2.2 S1:2003**

Hind 92,00

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.

**EVS-HD 478.2.3 S1:2003**

Hind 66,00

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.

**EVS-HD 478.2.4 S1:2003**

Hind 126,00

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.

**EVS-HD 478.2.5 S1:2003**

Hind 130,00

Identne IEC 60721-2-5:1991

ja identne HD 478.2.5 S1:1993

**Classification of environmental conditions; Part 2:**

**Environmental conditions appearing in nature; Section 5: dust, sand, salt mist**

Presents characteristics of dust, sand and salt mist appearing in nature, and describes the influences from these environmental factors to which products are liable to be exposed during storage, transportation and use.

**EVS-HD 478.2.6 S1:2003**

Hind 101,00

Identne IEC 60721-2-6:1990

ja identne HD 478.2.6 S1:1993

**Classification of environmental conditions; Part 2:**

**Environmental conditions**

**appearing in nature;**

**Earthquake vibration and shock**

Deals with environmental conditions appearing in nature caused by earthquake vibration and shock.

**EVS-HD 478.2.7 S1:2003**

Hind 75,00

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.

---

**19.080**

**Elektrilised ja elektroonilised katse- ja mõõtevahendid**

---

Electrical and electronic testing

---

**UUED STANDARDID**

**EVS-EN 60052:2003**

Hind 170,00

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.

**EVS-EN 60868:2003**

Hind 126,00

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.

**EVS-EN 61010-031:2003**

Hind 229,00

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.

**EVS-HD 588.1 S1:2003**

Hind 229,00

Identne IEC 60060-1:1989+

corr:1990

ja identne HD 588.1 S1:1991

**High-voltage test techniques; Part 1: General definitions and test requirements**

Applies to dielectric tests with direct voltage, dielectric tests with alternating voltage; dielectric tests with impulse voltage and impulse current, and tests with combinations of these.

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55670

Tähtaeg: 2003-03-01

Identne IEC 61010-2-032:2002

ja identne EN 61010-2-032:2002

**Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-032: Particular requirements for hand-held current clamps for electrical measurement and test**

This International Standard applies to hand-held and hand-manipulated current clamps. These current clamps are for use in the measurement of current without interruption of the current path of the circuit in which it is measured. They may be stand-alone current clamps which are themselves within the scope of part 1, or

accessories to other equipment within the scope of part 1.  
prEVS 55671  
Tähtaeg: 2003-03-01  
Identne IEC 61010-2-101:2002  
ja identne EN 61010-2-101:2002  
**Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-101: Particular requirements for in vitro diagnostic (IVD) medical equipment**

Applies to equipment intended for in vitro diagnostic (IVD) medical purposes. This is used for the examination of specimens, including blood and tissue samples, derived from the human body. The standard also covers self-test IVD medical equipment for use by lay persons.

---

## 21.020

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

Characteristics and design of machines, apparatus, equipment

---

## UUED STANDARDID

**EVS-EN 61703:2003**

Hind 212,00

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.

**EVS-HD 485 S1:2003**

Hind 130,00

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.

---

## 21.060.40

### **Needid**

---

#### Rivets

### **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 55488

Tähtaeg: 2003-04-01

Identne ISO 16585:2002

ja identne EN ISO 16585:2002

**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 protruding 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

---

## 21.060.70

### **Klambrid ja obadused**

---

#### Clamps and stables

### **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 39107

Tähtaeg: 2003-04-01

Identne prEN 13411-5:2002

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

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

---

## 23.140

### **Kompressorid ja suruõhumasinad**

---

#### Compressors and pneumatic machines

### **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 32042

Tähtaeg: 2003-04-01

Identne ISO 10442:2002

ja identne EN ISO 10442:2002  
**Petroleum, chemical and gas service industries - Packaged, integrally geared centrifugal air compressors**

This International Standard specifies requirements and gives recommendations for the design, materials, fabrication, inspection, testing and preparation for shipment of constant-speed, packaged, integrally geared centrifugal air compressors, including their accessories, for use in the petroleum, chemical and gas service industries

prEVS 55650

Tähtaeg: 2003-03-01

Identne IEC 60335-2-34:2002

ja identne EN 60335-2-34:2002

**Safety of household and similar electrical appliances - Part 2-34: Particular requirements for motor-compressors**

This standard applies to sealed (hermetic and semi-hermetic type) motor-compressors intended for use in equipment for household and similar purposes and which conform with the standards applicable to such equipment. It applies to motor-compressors tested separately, under the most severe conditions which may be expected to occur in normal use, their rated voltage being not more than 250 V for single-phase motor-compressors and 480 V for other motor-compressors.

---

## 25.040

### **Tööstusautomaatika süsteemid**

---

#### Industrial automation systems

---

## UUED STANDARDID

**EVS-EN 61508-1:2003**

Hind 229,00

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

### Mõõtmise ja kontrolli tööstusprotsessides

---

#### Industrial process measurement and control

---

### UUED STANDARDID

#### EVS-EN 61508-2:2003

Hind 247,00

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 part of the standard series is intended to be used only after a thorough 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).

#### EVS-EN 61508-3:2003

Hind 212,00

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 information 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.

#### EVS-EN 61508-4:2003

Hind 170,00

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.

#### EVS-EN 61508-5:2003

Hind 170,00

Identne IEC 61508-5:1998+corr: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.

#### EVS-EN 61508-6:2003

Hind 247,00

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.

#### EVS-EN 61508-7:2003

Hind 295,00

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.

#### EVS-HD 557 S1:2003

Hind 75,00

Identne IEC 60946:1988

ja identne HD 557 S1:1990

**Binary direct voltage signals for process measurement and control systems**

Applies to non-multiplexed two wire binary direct voltage signals of nominal 24 V level that are used in industrial-process measurement and control systems to transmit information between elements of systems.

#### EVS-HD 452.1 S1:2003

Hind 66,00

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.

**EVS-HD 543.2 S1:2003**

Hind 190,00

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.

---

**25.080.01**

**Tööpingid üldiselt**

---

**Machine tools in general**

**KAVANDITE**

**ARVAMÜSKÜSITLUS**

prEVS 55715

Tähtaeg: 2003-03-01

Identne EN 50370-2:2003

**Electromagnetic compatibility (EMC) - Product family standard for machine tools - Part 2: Immunity**

This standard deals with the electromagnetic immunity of machine tools designed exclusively for industrial and similar purposes that use electricity, the rated voltage of the machine tool not exceeding 1 000 V a.c. or 1 500 V d.c. between lines. Machine tools may incorporate motors, heating elements or their combination, may contain electric or electronic circuitry, and may be powered by the mains, or any other electrical power source. This immunity standard may also be used for assessment of equipment used in other environments, which require less stringent immunity levels (residential, light industry) than the industrial environment. This standard is not intended for the EMC conformity assessment of modules to be placed on the market separately. This standard is not intended for complying with

Machinery Directive 98/37/EC.

Hence safety considerations are not covered by this standard. This standard does not cover fixed installations as defined in the Guide to the Application of Directive 89/336/EEC, published by the European Commission. This standard does not apply to apparatus intended to be used in locations where special electromagnetic conditions prevail, such as the presence of high electromagnetic fields (e.g. in the vicinity of a broadcast transmitting station) or where high pulses occur on the power network (e.g. in a power generator station). In these instances special mitigation measures may have to be employed. Immunity requirements in the frequency range 0 Hz to 400 GHz are covered. No measurements need to be performed at frequencies where no

---

**25.080.60**

**Saagimispingid**

---

**Sawing machines**

**KAVANDITE**

**ARVAMÜSKÜSITLUS**

prEVS 55673

Tähtaeg: 2003-03-01

Identne IEC 61029-2-9:1995

ja identne EN 61029-2-9:2002

**Safety of transportable motor-operated electric tools - Part 2: Particular requirements for mitre saws**

Applies to transportable mitre saws intended for cutting non ferrous metals such as aluminium, wood and similar materials with a blade diameter not exceeding 400 mm. Tools combining the function of mitre saw with the function of circular saw are not covered by this standard.

---

**25.140.20**

**Elektritööriistad**

---

**Electric tools**

**UUED STANDARDID**

**EVS-EN 61029-2-1:2003**

Hind 190,00

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.

**KAVANDITE**

**ARVAMÜSKÜSITLUS**

prEVS 55654

Tähtaeg: 2003-03-01

Identne IEC 60335-2-45:2002

ja identne EN 60335-2-45:2002

**Safety of household and similar electrical appliances - Part 2: Particular requirements for portable heating tools and similar appliances**

This standard deals with the safety of portable electric heating tools and similar appliances, their rated voltage being not more than 250 V. prEVS 55673

Tähtaeg: 2003-03-01

Identne IEC 61029-2-9:1995

ja identne EN 61029-2-9:2002

**Safety of transportable motor-operated electric tools - Part 2: Particular requirements for mitre saws**

Applies to transportable mitre saws intended for cutting non ferrous metals such as aluminium, wood and similar materials with a blade diameter not exceeding 400 mm. Tools combining the function of mitre saw with the function of circular saw are not covered by this standard.

---

**25.160.30**

**Keevitusseadmed**

---

**Welding equipment**

**UUED STANDARDID**

**EVS-EN 60974-5:2003**

Hind 130,00

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.

---

25.160.50

**Jootmine kõva- ja  
pehmejoodisega**

---

Brazing and soldering

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 51900

Tähtaeg: 2003-04-01

Identne ISO/FDIS 18279:2002

ja identne prEN ISO 18279:2002

**Brazing - Imperfections in  
brazed joints**

This European Standard details a classification of imperfections that can occur in brazing joints. In addition guidance is provided on quality levels and suggested limits for imperfections are detailed. For requirements not covered by this standard, reference is to be made to other sources, e.g. statutory regulations, codes of practice and technical delivery conditions

---

25.180.10

**Elektriahjud**

---

Electric furnaces

**UUED STANDARDID**

**EVS-EN 60676:2003**

Hind 139,00

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.

**EVS-HD 440 S1:2003**

Hind 83,00

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.

**EVS-HD 470 S1:2003**

Hind 83,00

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.

**EVS-HD 599 S1:2003**

Hind 101,00

Identne IEC 60683:1980

ja identne HD 599 S1:1992

**Test methods for submerged-  
arc furnaces**

Standardizes submerged arc furnace test conditions and methods to determine their main parameters and technical characteristics. Applies to industrial three-phase submerged arc furnaces with rated power level of 1 000 kVA or more. Also applies to furnaces having one or more electrodes, other than three-phase furnaces.

**EVS-HD 610 S1:2003**

Hind 117,00

Identne IEC 60396:1991

ja identne HD 610 S1:1992

**Test methods for induction  
channel furnaces**

Standardizes test methods to determine the essential parameters and technical characteristics of electro-heat installations comprising industrial induction channel furnaces for melting, holding and super-heating.

---

27.040

**Gaasi- ja auruturbiinid.  
Aurumasinad**

---

Gas and steam turbines.

Steam engines

---

**UUED STANDARDID**

**EVS-EN 60953-3:2003**

Hind-259,00

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.

---

27.100

**Elektrijaamad üldiselt**

---

Power stations in general

**UUED STANDARDID**

**EVS-HD 472 S1:2003**

Hind 117,00

Identne IEC 60038:1983 +

A1:1994

ja identne HD 472 S1:1989 +

A1:1995

**Nominal voltages for low  
voltage public electricity supply  
systems**

This publication applies to:- a.c. transmission, distribution and utilization systems and equipment for use in such systems with standard frequencies 50 Hz and 60 Hz having a nominal voltage above 100 V; - a.c. and d.c. traction systems; - a.c. and d.c. equipment having nominal voltages below 120 V a.c. or below 750 V d.c.

---

27.120.20

**Tuumaelektrijaamad.**

**Ohutus**

---

Nuclear power plants. Safety

**UUED STANDARDID**

**EVS-HD 370 S2:2003**

Hind 101,00

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

**UUED STANDARDID**

**EVS-HD 357 S2:2003**

Hind 179,00

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.

**EVS-HD 374 S2:2003**

Hind 190,00

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

**CAMAC; Organisation of multicrate 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.

**EVS-HD 417 S2:2003**

Hind 295,00

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.

**EVS-HD 431 S1:2003**

Hind 130,00

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.

**EVS-HD 432 S1:2003**

Hind 117,00

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.

**EVS-HD 445 S1:2003**

Hind 163,00

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.

**EVS-HD 453 S1:2003**

Hind 170,00

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.

**EVS-HD 457 S1:2003**

Hind 66,00

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.

---

**27.160**

**Päikeseenergeetika**

---

**Solar energy engineering**

---

**UUED STANDARDID**

**EVS-EN 60891:2003**

Hind 83,00

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.

---

**27.180**

**Tuulegeneraatorid jt alternatiivsed energiaallikad**

---

Wind turbine systems and other alternative sources of energy

---

**UUED STANDARDID**

**EVS-EN 61400-21:2003**

Hind 199,00

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.

---

**29.020**

**Elektrotehnika üldküsüsimused**

---

Electrical engineering in general

---

**UUED STANDARDID**

**EVS-EN 61508-1:2003**

Hind 229,00

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.

**EVS-EN 61508-4:2003**

Hind 170,00

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.

**EVS-EN 60068-3-4:2003**

Hind 117,00

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.

**EVS-EN 60068-3-5:2003**

Hind 101,00

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 sévères 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.

**EVS-EN 60068-3-6:2003**

Hind 101,00

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.

**EVS-EN 60068-3-7:2003**

Hind 101,00

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.

**EVS-EN 60695-6-1:2003**

Hind 170,00

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.

**EVS-EN 60068-2-78:2003**

Hind 83,00

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.

**EVS-HD 617 S1:2003**

Hind 139,00

Identne IEC 61025:1990

ja identne HD 617 S1:1992

**Fault tree analysis (FTA)**

Defines basic principles, provides the steps necessary to perform an analysis, identifies appropriate assumptions, events and failure modes, and provides identification rules and symbols.

**EVS-HD 245.3 S3:2003**

Hind 229,00

Identne IEC 60027-

3:1989+A1:2000

ja identne HD 245.3 S3:2001

**Letter symbols to be used in electrical technology - Part 3: Logarithmic quantities and units**

Applies to logarithmic quantities and units. Quantities that can be expressed as the logarithm of a dimensionless quantity, such as the ratio of two physical quantities of the same kind, can be regarded and treated in different ways. In many cases, differences do not affect practical treatment.

**EVS-HD 384.7.753 S1:2003**

Hind 83,00

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.

**EVS-IEC 61024-1:2003**

Hind 139,00

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.

**EVS-IEC 61024-1-1:2003**

Hind 130,00

Identne IEC 61024-1-1:1993

**Ehitiste piksekaitse. Osa 1-1:****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.

**EVS-IEC 61024-1-2:2003**

Hind 306,00

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

**KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 54228

Tähtaeg: 2003-04-01

Identne IEC 60050-195:1998 + A1:2001

**Rahvusvaheline****elektrotehnikasõnastik. Osa 195:****Maandamine ja kaitse****elektrilõõgi eest**

Rahvusvahelise elektrotehnika sõnastiku osa 195 käsitleb elektrotehnika ja elektriohutusega seotud terminoloogiat

prEVS 55559

Tähtaeg: 2003-04-01

Identne IEC 61140:2001

ja identne EN 61140:2002

**Kaitse elektrilõõgi eest.****Üldnõuded paigaldistele ja seadmetele**

Applies to the protection of persons and animals against electric shock. It is intended to give fundamental principles and requirements which are common to electrical installations, systems and equipment or necessary for their co-ordination. Prepared for installations, systems and equipment without a voltage limit. NOTE - There are some clauses in this standard which refer to low-voltage and high-voltage systems, installations and equipment. For the purpose of this standard, low-voltage is any rated voltage up to and including 1 000 V a.c. or 1 500 V d.c. High voltage is any rated

voltage exceeding 1 000 V a.c. or 1 500 V d.c. The requirements

**29.035.01****Isolatsioonimaterjalid üldiselt****Insulating materials in general****UUED STANDARDID****EVS-EN 60216-1:2003**

Hind 190,00

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.

**EVS-EN 60464-2:2003**

Hind 146,00

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.

**EVS-EN 61061-2:2003**

Hind 117,00

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.

**EVS-EN 61061-3-1:2003**

Hind 66,00

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.

**EVS-EN 61061-3-2:2003**

Hind 66,00

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.

**EVS-HD 214 S2:2003**

Hind 83,00

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.

**EVS-HD 380 S2:2003**

Hind 92,00

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.

**EVS-HD 381 S1:2003**

Hind 75,00

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.

**EVS-HD 429 S1:2003**

Hind 130,00

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.

**EVS-HD 437 S1:2003**

Hind 83,00

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.

**EVS-HD 438 S1:2003**

Hind 75,00

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.

**EVS-HD 480 S1:2003**

Hind 66,00

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.

**EVS-HD 566 S1:2003**

Hind 83,00

Identne IEC 60085:1984

ja identne HD 566 S1:1990

**Thermal evaluation and classification of electrical insulation**

Describes recognized thermal classes for the insulation of electrotechnical products. Considers the thermal evaluation of insulation materials and systems, their interrelationship and the influence of service conditions. Defines the responsibility for assigning thermal identification and classification.

**EVS-HD 568 S1:2003**

Hind 130,00

Identne IEC 60167:1964

ja identne HD 568 S1:1990

**Methods of test for the determination of the insulation resistance of solid insulating materials**

Describes procedures for rapidly determining the values of the insulation resistance of solid insulating materials in order to give a general indication of quality when great accuracy is not required.

**EVS-HD 611.2 S1:2003**

Hind 163,00

Identne IEC 60216-2:1990

ja identne HD 611.2 S1:1992

**Guide for the determination of thermal endurance properties of electrical insulating materials; Part 2: Choice of test criteria**  
Includes a list of existing published procedures which is not exhaustive.

**EVS-HD 611.5 S1:2003**

Hind 92,00

Identne IEC 60216-5:1990

ja identne HD 611.5 S1:1992

**Guide for the determination of thermal endurance properties of electrical insulating materials; Part 5: Guidelines for the application of thermal endurance characteristics**

Gives guidelines for assessing the suitability of electrical insulating materials and simple combinations thereof in specific insulation designs when thermal endurance is the principal concern. Technical report

**EVS-HD 611.4.1 S1:2003**

Hind 92,00

Identne IEC 60216-4-1:1990

ja identne HD 611.4.1 S1:1992

**Guide for the determination of thermal endurance properties of electrical insulating materials; Part 4: Ageing ovens; Section 1: Single-chamber ovens**

Covers minimum requirements for ventilated and electrically heated single-chamber ovens, with or without forced air circulation and operating over the temperature range from 20°C above ambient to 500°C used for thermal endurance evaluation of electrical insulation.

Gives acceptance tests and in-service monitoring tests for ageing ovens. IEC 60216-4-1 (1990) supersedes the second edition of IEC 60216-4 (1980).

---

**29.035.20**

**Plastikust ja kummist isolatsioonimaterjalid**

---

**Plastics and rubber insulating materials**

---

**UUED STANDARDID**

**EVS-EN 50290-2-20:2003**

Hind 57,00

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.

**EVS-EN 50290-2-24:2003**

Hind 130,00

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.

**EVS-EN 50290-2-25:2003**

Hind 66,00

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.

**EVS-EN 50290-2-26:2003**

Hind 66,00

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.

**EVS-EN 50290-2-27:2003**

Hind 66,00

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.

**EVS-EN 50290-2-29:2003**

Hind 66,00

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.

**EVS-EN 50290-2-30:2003**

Hind 66,00

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.

**EVS-EN 60684-3-240 kuni 243:2003**

Hind 92,00

Identne IEC 60684-3-240 to 243:2002

ja identne EN 60684-3-240 to 243:2002

**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.

**EVS-EN 60684-3-320:2003**

Hind 66,00

Identne IEC 60684-3-320:2002

ja identne EN 60684-3-320:2002

**Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 320: Polyethylene terephthalate textile sleeving, lightly impregnated**

Gives the requirements for sleeving constructed from polyethylene terephthalate yarn, lightly impregnated with resin to provide mechanical stability. This sleeving has been found suitable for use at temperatures up to 130 °C. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application should be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone.

**EVS-HD 582 S1:2003**

Hind 101,00

Identne IEC 60963:1988

ja identne HD 582 S1:1991

**Specification for unused polybutenes**

This standard covers specifications and test methods for unused polybutenes, as delivered, intended for use as insulating liquids in electrical equipment. The requirements given in Sheet 1 are only applicable to unused polybutenes used as an impregnant for paper insulated capacitors and cables and as a filling medium for pipe type cables. NOTE: Polybutenes may be used in transformers, but nowadays this application is not wide enough to justify the development of international specifications. Action could be taken when needed.

**EVS-HD 307.2.2 S1:2003**

Hind 130,00

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.

**EVS-HD 307.3.1 S1:2003**

Hind 66,00

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.

**EVS-HD 307.3.11 S1:2003**

Hind 75,00

Identne IEC 60455-3-11:1988

ja identne HD 307.3.11 S1:1990

**Specification for solventless polymerisable resinous compounds used for electrical insulation; Part 3: Specifications for individual materials; Sheet 11: Epoxy resin-based coating powders**

Contains the general and special requirements for thermosetting epoxy resin-based coating powders.

**EVS-HD 307.3.3 S1:2003**

Hind 66,00

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%.

**EVS-HD 307.3.4 S1:2003**

Hind 66,00

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.

**EVS-HD 523.3.116 kuni 118 S1:2003**

Hind 83,00

Identne IEC 60684-3-116 to

118:1991

ja identne HD 523.3.116 kuni 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.

**EVS-HD 523.3.201 S1:2003**

Hind 57,00

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.

**EVS-HD 523.3.209 S1:2003**

Hind 75,00

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.

---

**29.035.30**

**Klaasist ja keraamilised isolatsioonimaterjalid**

---

Glass and ceramic insulating materials

---

**UUED STANDARDID**

**EVS-EN 60684-3-300:2003**

Hind 66,00

Identne IEC 60684-3-300:2002

ja identne EN 60684-3-300:2002

**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.

**EVS-EN 60684-3-400 kuni 402:2003**

Hind 92,00

Identne IEC 60684-3-400 to

402:2002

ja identne EN 60684-3-400 to

402:2002

**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.

**EVS-HD 523.3.406 kuni 408 S1:2003**

Hind 66,00

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.

---

## 29.035.60

### Lakitud kangad

---

Varnished fabrics

---

#### UUED STANDARDID

**EVS-HD 570 S1:2003**

Hind 83,00

Identne IEC 60370:1971

ja identne HD 570 S1:1990

**Test procedure for thermal endurance of insulating varnishes; Electric strength method**

Gives a method for determining the relative thermal endurance of electrical insulating varnishes by means of coating on glass cloth and measuring electric strength before and after heat ageing for establishing temperature indices to assist in determining suitability of electrical insulating varnishes for use in electrical systems.

---

## 29.035.99

### Muud

#### isolatsioonimaterjalid

---

Other insulating materials

---

#### UUED STANDARDID

**EVS-EN 60567:2003**

Hind 190,00

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.

**EVS-HD 416.1 S1:2003**

Hind 66,00

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.

**EVS-HD 416.2 S1:2003**

Hind 109,00

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.

**EVS-HD 416.3.1 S1:2003**

Hind 75,00

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**

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

---

#### UUED STANDARDID

**EVS-EN 60567:2003**

Hind 190,00

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.

**EVS-EN 60867:2003**

Hind 101,00

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.

**EVS-HD 382 S1:2003**

Hind 83,00

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.

**EVS-HD 415 S1:2003**

Hind 101,00

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.

#### **EVS-HD 488 S1:2003**

Hind 117,00

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.

#### **EVS-HD 565 S1:2003**

Hind 117,00

Identne IEC 60836:1988

ja identne HD 565 S1:1993

### **Specifications for silicone liquids for electrical purposes**

This standard deals with silicone liquids to be used as insulating liquids in transformers and other electrical equipment. It comprises three sections as follows: - Section One describes the silicone liquids and gives general guidance on their properties, safety, storage and disposal. It also gives requirements for packaging, labeling and sampling. - Section Two describes the test methods that shall be employed to test the properties of silicone liquids. - Section Three specifies the required characteristics of a liquid polydimethylsiloxane primarily intended for use in transformers.

#### **EVS-HD 618 S1:2003**

Hind 83,00

Identne IEC 61039:1990

ja identne HD 618 S1:1992

### **General classification of insulating liquids**

This International Standard defines the detailed classification of family N (insulating liquids) which belongs to class L (lubricants, industrial oils and related products) in accordance with ISO 8681 and ISO 6743-0.

#### **29.040.20**

### **Isoleerivad gaasid**

#### **Insulating gases**

### **UUED STANDARDID**

#### **EVS-HD 625.1 S1:2003**

Hind 247,00

Identne IEC 60664-1:1992

ja identne HD 625.1 S1:1996

### **Insulation coordination for equipment within low-voltage systems - Part 1: Principles, requirements and tests**

Specifies the requirements for clearances, creepage distances and solid insulation for equipment based upon their performance criteria. Applies to equipment for use up to 2 000 m above sea level having a rated voltage up to 1 000 V a.c. with rated frequencies up to 30 kHz or a rated voltage up to 1 500 V d.c. Supersedes IEC 664 and IEC 664A. Has the status of a basic safety publication in accordance with IEC Guide 104.

#### **EVS-HD 631.1 S1:2003**

Hind 101,00

Identne HD 631.1 S1:1998

### **Material characterisation - Part 1: Compounds for use in cable accessories: Resinous compounds before cure and in the cured state**

This HD details a minimum number of simple tests, identifying the properties' profile of reacting resinous compounds used for casting or encapsulation in accessories for low and medium voltage cables up to 20,8/36(42) kV as specified in HD 623, hd 629.1 and 629.2.

#### **EVS-HD 307.3.2 S2:2003**

Hind 83,00

Identne IEC 60455-3-2:1987+ A1:1994

ja identne HD 307.3.2 S2:1997

### **Specification for solventless polymerisable resinous compounds used for electrical insulation - Part 3:**

**Specifications for individual materials - Sheet 2: Quartz filled epoxy resinous compounds**

Contains the requirements for quartz filled epoxy resinous compounds in the cured form.

#### **29.050**

### **Juhid**

#### **Conducting materials**

### **UUED STANDARDID**

#### **EVS-EN 61788-7:2003**

Hind 155,00

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.

#### **EVS-EN 61788-10:2003**

Hind 109,00

Identne IEC 61788-10:2002

ja identne EN 61788-10:2002

### **Superconductivity - Part 10: Critical temperature measurement - Critical temperature of Nb-Ti, Nb<sub>3</sub>Sn, 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/Nb<sub>3</sub>Sn 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.

#### **EVS-EN 61788-12:2003**

Hind 117,00

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 Nb<sub>3</sub>Sn 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 mm<sup>2</sup> to 3 mm<sup>2</sup> 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

### Elektrijuhtmed, kaablid jm juhid

---

#### Electrical wires and cables

---

#### UUED STANDARDID

##### EVS-EN 62219:2003

Hind 155,00

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.

---

## 29.060.01

### Elektrijuhtmed ja kaablid üldiselt

---

#### Electrical wires and cables in general

---

#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 55708

Tähtaeg: 2003-03-01

Identne IEC 60364-5-523:1999

ja identne HD 384.5.523 S2:2001

**Electrical installations of buildings - Part 5: Selection and erection of electrical equipment - Section 523: Current-carrying capacities in wiring systems**  
Deals with the selection and erection of wiring systems.

---

## 29.060.10

### Elektrijuhid

---

#### Wires

---

#### UUED STANDARDID

##### EVS-EN 60851-1:2003

Hind 83,00

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.

##### EVS-EN 60851-2:2003

Hind 92,00

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.

##### EVS-EN 60851-3:2003

Hind 212,00

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.

##### EVS-EN 60851-4:2003

Hind 126,00

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.

##### EVS-EN 60851-5:2003

Hind 109,00

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.

##### EVS-EN 60851-6:2003

Hind 101,00

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.

##### EVS-EN 60317-28:2003

Hind 101,00

Identne IEC 60317-28:1990 +

A1:1997

ja identne EN 60317-28:1996 +

A1:1998

**Specifications for particular types of winding wires. Part 28: Polyesterimide enamelled rectangular copper wire, class 180**

**29.060.20**

**Kaablid**

**Cables**

**UUED STANDARDID**

**EVS-EN 50356:2003**

Hind 117,00

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.

**EVS-EN 60230:2003**

Hind 75,00

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.

**EVS-EN 60702-1:2003**

Hind 155,00

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.

**EVS-EN 60702-2:2003**

Hind 92,00

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.

**EVS-HD 359 S2:2003**

Hind 109,00

Identne HD 359 S2:1990

**Flat polyvinylchloride sheathed lift cables**

The requirements of this HD apply to flat PVC insulated and PVC sheathed flexible cables of rated voltages U/U up to and including 450/750 V, used for lifts and similar applications.

**EVS-HD 402 S2:2003**

Hind 66,00

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.

**EVS-HD 632 S1:2003**

Hind 523,00

Identne HD 632 S1:1998

**Power cables with extruded insulation and their accessories for rated voltages above 36 kV (Um = 42 kV) up to 150 kV (Um = 170 kV)**

This standard specifies test requirements for power cables for fixed installations with extruded insulation of the types listed in sub-clause 1.5 and their accessories for rated voltages U above 36 kV (Um = 42 kV) up to and including 150 kV (Um = 170 kV).

**EVS-HD 633 S1:2003**

Hind 295,00

Identne HD 633 S1:1997

**Tests on oil-filled (fluid-filled), paper- and polypropylene paper laminate-insulated, metal-sheathed cables and accessories for alternating voltages up to and including 400 kV (Um=420 kV)**

HD 633 applies to tests on radial field, oil-filled, paper-insulated metal-sheathed cables and their accessories, which operate with a minimum static pressure of

between 20 kPa (0.2 bar) and 300 kPa (3.0 bar) inclusive, a maximum static pressure of not more than 800 kPa (8.0 bar) and a minimum transient pressure of not less than 20 kPa (0.2 bar). (The quoted pressures are above atmospheric pressure).

**EVS-HD 634 S1:2003**

Hind 229,00

Identne HD 634 S1:1997

**Tests on internal gas-pressure cables and accessories for alternating voltages up to and including 275 kV (Um=300 kV)**  
HD 634 applies to tests on radial-field impregnated-paper-insulated cables and accessories in which, during normal operation, a gas pressure exceeding 1,2 MPa (12 bar) gauge is applied internally i.e with the gas in direct contact with the insulation. The tests are applicable to cables and accessories intended to be used in systems with a nominal voltage not exceeding 275 kV between phases.

**EVS-HD 635 S1:2003**

Hind 212,00

Identne HD 635 S1:1997

**Tests on external gas-pressure (gas compression) cables and accessories for alternating voltages up to and including 275 kV (Um = 300 kV)**  
HD 635 applies to tests on radial-field impregnated-paper insulated cables and accessories which, during normal operation, work under a gas pressure exceeding 1200 kPa (12 bar) applied outside a sheath or jacket, so that the gas is not in direct contact with the insulation. The tests are applicable to cables and accessories intended to be used in systems with a nominal voltage not exceeding 275 kV between phases.

**EVS-HD 21.10 S2:2003**

Hind 101,00

Identne HD 21.10 S2:2001

**Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V - Part 10: Extensible leads**

This part (Part 10) of the HD details the particular specifications for polyvinyl chloride insulated extensible leads. All cables shall comply with the appropriate requirements given in Part 1 and the individual types of cable shall each comply with the particular requirements of this part.

**EVS-HD 631.1 S1:2003**

Hind 101,00

Identne HD 631.1 S1:1998

**Material characterisation - Part 1: Compounds for use in cable accessories: Resinous compounds before cure and in the cured state**

This HD details a minimum number of simple tests, identifying the properties' profile of reacting resinous compounds used for casting or encapsulation in accessories for low and medium voltage cables up to 20,8/36(42) kV as specified in HD 623, hd 629.1 and 629.2.

**EVS-HD 21.11 S1:2001/A1:2003**

Hind 101,00

Identne HD 21.11 S1:1995/A1:2001

**Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V - Part 11: Cables for luminaires**

This Part 11 of the HD details the particular requirements for PVC insulated cables of rated voltages up to U/U 300/300V for use indoors as internal wiring or direct supply connection to luminaires.

**EVS-HD 21.12 S1:2001/A1:2003**

Hind 146,00

Identne HD 21.12 S1:1994/A1:2001

**Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V - Part 12: Heat-resistant flexible cables (cords)**

This part (Part 12) of the HD details the particular specifications for heat-resistant polyvinyl chloride insulated and sheathed flexible cables (cords) of rated voltage up to and including 300/500V, for a rated conductor temperature not exceeding 90°C.

**EVS-HD 21.13 S1:2001/A1:2003**

Hind 163,00

Identne HD 21.13 S1:1995/A1:2001

**Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V - Part 13: Oil resistant PVC sheathed cables with two or more conductors**

This part (part 13) of the HD details the particular specifications for oil resistant polyvinyl chloride insulated and sheathed flexible cables, of rated voltage up to and including 300/500V, for a

maximum conductor temperature in normal operation of 70°C.

**KAVANDITE ARVAMUSKÜSITLUS**

prEVS 55690

Tähtaeg: 2003-03-01

Identne HD 21.1 S4:2002

**Cables of rated voltages up to and including 450/750 V and having thermoplastic insulation****Part 1: General requirements**

HD 21 applies to rigid and flexible cables with insulation and sheath, if any, based on thermoplastic materials, of rated voltages  $U_0/U$  up to and including 450/750 V, used in power installations. This Part 1 specifies the General Requirements applicable to these cables.

prEVS 55693

Tähtaeg: 2003-03-01

Identne HD 21.2:

S3:1997/A1:2002

**Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V - Part 2: Test methods**

HD 21 applies to rigid and flexible cables with insulation and sheath, if any, based on polyvinyl chloride, of rated voltages  $U_0/U$  up to and including 450/750 V used in power installations of nominal voltage not exceeding 450/750 V A.C. This Part 2 specifies the methods of carrying out the tests specified in HD 21 in conjunction with HD 405.1 and EN 60811.

prEVS 55694

Tähtaeg: 2003-03-01

Identne HD 22.2 S3:1997/A1:2002

**Cables of rated voltages up to and including 450/750 V and having cross-linked insulation - Part 2: Test methods**

HD 22 applies to rigid and flexible cables with insulation and sheath, if any, based on vulcanised rubber, of rated voltages  $U_0/U$  up to and including 450/750 V used in power installations of nominal voltage not exceeding 450/750 V A.C. This Part 2 specifies the methods of carrying out the tests specified in HD 22 in conjunction with HD 405.1 and 60811. General requirements are specified in HD 22.1.

prEVS 55696

Tähtaeg: 2003-03-01

Identne HD 22.1 S4:2002

**Cables of rated voltages up to and including 450/750 V and having cross-linked insulation****Part 1: General requirements**

HD 22 applies to rigid and flexible cables, sheathed and unsheathed, and insulated with cross-linked material, of rated voltages  $U_0/U$  up to and including 450/750V, used in power installations. This Part 1 specifies the general requirements applicable to these cables.

prEVS 55697

Tähtaeg: 2003-03-01

Identne HD 22.14 S2:2002

**Cables of rated voltages up to and including 450/750 V and having cross-linked insulation Part 14: Cords for applications requiring high flexibility**

This Part 14 of HD 22 details the particular specifications for EPR insulated and EPR sheathed, XLPVC insulated and XLPVC sheathed, and EPR insulated and textile braid covered cords of rated voltage 300/300 V, for use in applications where high flexibility is required. All cables shall comply with the appropriate requirements given in Part 1 of this HD, and the individual types of cable shall each comply with the particular requirements of this Part.

prEVS 55707

Tähtaeg: 2003-03-01

Identne HD 626 S1:1996/A2:2002

**Overhead distribution cables of rated voltage  $U_0/U(U_m)$ : 0,6/1 (1.2) kV**

HD 626 applies to cables of rated voltage  $U_0/U(U_m) = 0.6 / 1(1.2)$  kV used in overhead power distribution systems mainly for public distribution, of maximum system voltage not exceeding 1.2 kV. This part (Part 1) specifies the general requirements applicable to these cables, unless otherwise specified in the particular sections of this HD. Test methods are specified in HD 383, HD 405, EN 60811 and in HD 605 or in Part 2 of this HD. The particular types of cables are specified in Part 3 to 8.

---

**29.080.10****Isolaatorid**

---

**Insulators**

---

**UUED STANDARDID****EVS-HD 329 S1:2003**

Hind 92,00

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.

**EVS-HD 474 S1:2003**

Hind 117,00

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.

**EVS-HD 578 S1:2003**

Hind 163,00

Identne IEC 60273:1990

ja identne HD 578 S1:1992

#### **Characteristics of indoor and outdoor post insulators for systems with nominal voltages greater than 1000 V**

Applies to post insulators and post insulator units of ceramic material or glass intended for indoor or outdoor service, and to post insulators of organic material intended for indoor service in electrical installations or equipment operating on alternating current systems with a nominal voltage greater than 1 000 V and a frequency not greater than 100 Hz. It may also be regarded as a provisional standard for insulators for use on direct current systems.

#### **KAVANDITE**

#### **ARVAMUSKÜSITLUS**

prEVS 55687

Tähtaeg: 2003-03-01

Identne IEC 61952:2002

ja identne EN 61952:2003

#### **Insulators for overhead lines - Composite line post insulators for a.c. with a nominal voltage greater than 1000 V**

Applies to composite line post insulators consisting of a load-bearing, cylindrical, insulating solid core made up of fibres - usually glass - in a resin-based matrix, a housing (outside the insulating core) made of elastomer material (e.g. silicone or ethylene-propylene) and end fittings permanently attached to the insulating core. The object of this standard is to - define the terms used, - prescribe test methods, - prescribe acceptance or failure criteria This standard does not include requirements dealing with the choice of insulators for specific operating conditions.

#### **29.080.30**

#### **Isolatsioonisüsteemid**

#### **Insulation systems**

#### **UUED STANDARDID**

**EVS-EN 61857-22:2003**

Hind 101,00

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.

**EVS-EN 61857-23:2003**

Hind 109,00

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.

#### **29.120.20**

#### **Liiteseadised ja klemmid**

#### **Connecting devices**

#### **UUED STANDARDID**

**EVS-HD 623 S1:2003**

Hind 212,00

Identne HD 623 S1:1996+A1:2001

#### **Specifications for joints, stop ends and outdoor terminations for distribution cables of rated voltage 0,6/1,0 kV**

This specification details the performance requirements for joints, stop ends and outdoor terminations for cables of rated voltage 0,6/1,0(1,2) kV as defined in HD 603. Joints, stop ends and outdoor terminations for extruded solid dielectric insulated cables and transition joints between extruded solid dielectric insulated and impregnated paper insulated cables are included. Joints, stop ends and outdoor terminations for impregnated paper insulated cables are not included.

#### **KAVANDITE**

#### **ARVAMUSKÜSITLUS**

prEVS 55667

Tähtaeg: 2003-03-01

Identne IEC 60947-7-2:2002

ja identne EN 60947-7-2:2002

#### **Low-voltage switchgear and controlgear - Part 7: Ancillary equipment - Section 2:**

#### **Protective conductor terminal**

#### **blocks for copper conductors**

This section of IEC 947-7 applies to protective conductor terminal blocks with PE function up to 120 mm<sup>2</sup> (250 MCM) and to protective conductor terminal blocks with PEN function equal to and above 10 mm<sup>2</sup> (AWG 8) with screw-type or screwless-type clamping units, primarily intended for industrial applications.

#### **29.120.30**

#### **Pistikud, pistikupesad, pistikühendused**

Plugs, socket-outlets, couplers

#### **UUED STANDARDID**

**EVS-HD 351.5 S1:2003**

Hind 57,00

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.

**EVS-HD 483.11 S3:2003**

Hind 163,00

Identne IEC 60268-

11:1987+A1:1989+A2:1991

ja identne HD 483.11 S3:1993

**Sound system equipment; Part 11: Application of connectors for the interconnection of sound system components**

Replaces tables I and III, subclause 7-2-3 and Appendix A.

---

## 29.120.40

### Lülitid

---

#### Switches

---

### UUED STANDARDID

**EVS-EN 61058-1:2003**

Hind 326,00

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

### liigvoolukaitsesepparaadid

---

Fuses and other overcurrent protection devices

---

### UUED STANDARDID

**EVS-EN 60282-1:2003**

Hind 259,00

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.

**EVS-EN 60127-10:2003**

Hind 126,00

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.

**EVS-EN 60269-2:2001/A2:2003**

Hind 75,00

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.

**EVS-HD 636 S1:2003**

Hind 229,00

Identne IEC 60282-2:1995

ja identne HD 636 S1:1996

**High-voltage fuses - Part 2: Expulsion fuses**

This International Standard specifies requirements for expulsion fuses designed for use outdoors and indoors on alternating current systems of 50 Hz and 60 Hz, and of rated voltages exceeding 1 000 V. Expulsion fuses are fuses in which the arc is extinguished by the

expulsion effects of the gases produced by the arc.

### KAVANDITE ARVAMUSKÜSITLUS

prEVS 55648

Tähtaeg: 2003-03-01

Identne IEC 60099-4:1991/  
A2:2001

ja identne EN 60099-4:1993/  
A2:2002

**Surge arresters - Part 4: Metal-oxide surge arresters without gaps for a.c. systems**

This International Standard applies to non-linear metal-oxide resistor type surge arresters without spark gaps designed to limit voltage surges on a.c. power circuits. This standard basically applies to all metal-oxide surge arresters; however, polymeric housed, GIS, liquid immersed and other special designs may require special consideration in design, test and application.

prEVS 55661

Tähtaeg: 2003-03-01

Identne IEC 60691:2002

ja identne EN 60691:2003

**Thermal-links - Requirements and application guide**

Applies to thermal-links, intended for incorporation in electrical appliances, electronic equipment and component parts thereof, normally intended for use indoors, in order to protect them against excessive temperatures under abnormal conditions. May be applicable to thermal-links for use under other than indoor conditions, provided that the climatic and other circumstances in the immediate surroundings of such thermal-links are comparable with those in this standard.

---

## 29.120.60

### Lülitus- ja

### juhtimisapparaadid

---

#### Switchgear and controlgear

---

### UUED STANDARDID

**EVS-EN 50274:2003**

Hind 101,00

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.

## **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 55665

Tähtaeg: 2003-03-01

Identne IEC 60947-4-1:2000/

A1:2002

ja identne EN 60947-4-1:2001/

A1:2002

### **Low-voltage switchgear and controlgear - Part 4: Contactors and motor-starters - Section one: Electromechanical contactors and motor-starters**

States the characteristics of contactors and starters and associated equipment, the conditions with which contactors or starters shall comply (operation and behaviour, dielectric properties, the degrees of protection provided by their enclosures, their construction), the tests intended for confirming that these conditions have been met, the information to be given with the equipment or in the manufacturer's literature.

prEVS 55667

Tähtaeg: 2003-03-01

Identne IEC 60947-7-2:2002

ja identne EN 60947-7-2:2002

### **Low-voltage switchgear and controlgear - Part 7: Ancillary equipment - Section 2:**

#### **Protective conductor terminal blocks for copper conductors**

This section of IEC 947-7 applies to protective conductor terminal blocks with PE function up to 120 mm<sup>2</sup> (250 MCM) and to protective conductor terminal blocks with PEN function equal to and above 10 mm<sup>2</sup> (AWG 8) with screw-type or screwless-type clamping units, primarily intended for industrial applications.

---

## **29.120.70**

### **Releed**

---

#### **Relays**

---

### **UUED STANDARDID**

#### **EVS-EN 50216-2:2003**

Hind 92,00

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.

#### **EVS-EN 61811-50:2003**

Hind 146,00

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.

#### **EVS-EN 61811-51:2003**

Hind 163,00

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.

#### **EVS-EN 61811-52:2003**

Hind 163,00

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.

#### **EVS-EN 61811-53:2003**

Hind 170,00

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.

#### **EVS-EN 61811-54:2003**

Hind 170,00

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.

**EVS-EN 61811-55:2003**

Hind 170,00

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.

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55712

Tähtaeg: 2003-03-01

Identne EN 50216-

2:2002/A1:2002

**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.

---

**29.120.99**

**Muud elektritarvikud**

---

**Other electrical accessories**

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55669

Tähtaeg: 2003-03-01

Identne IEC 60947-7-3:2002

ja identne EN 60947-7-3:2002

**Low-voltage switchgear and controlgear - Part 7-3: Ancillary equipment - Safety requirements for fuse terminal blocks**

prEVS 55689

Tähtaeg: 2003-03-01

Identne IEC 62094-1:2002

ja identne EN 62094-1:2003

**Indicator light units for household and similar fixed-electrical installations - Part 1: General requirements**

This International Standard applies to stand-alone indicator light units intended to give a visible signal. They are designed for a.c. only with a rated voltage not exceeding 440 V and a rated power not exceeding 10 W, for household and similar fixed-electrical installations, either indoors or outdoors.

---

**29.130.20**

**Madalpingelised**

**lülitusseadmed ja nende juhtseadmed**

---

**Low voltage switchgear and controlgear**

---

**UUED STANDARDID**

**EVS-EN 50001:2003**

Hind 66,00

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.

**EVS-EN 50002:2003**

Hind 49,00

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 mm<sup>2</sup> maximum cross section or of a single flexible conductor of 2,5 mm<sup>2</sup> maximum cross section.

**EVS-EN 50005:2003**

Hind 66,00

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.

**EVS-EN 50011:2003**

Hind 66,00

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.

**EVS-EN 50012:2003**

Hind 57,00

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).

**EVS-EN 50013:2003**

Hind 57,00

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).

**EVS-EN 50041:2003**

Hind 66,00

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.

**EVS-EN 50042:2003**

Hind 66,00

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.

**EVS-EN 50043:2003**

Hind 57,00

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.

**EVS-EN 50047:2003**

Hind 66,00

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.

**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 55666

Tähtaeg: 2003-03-01

Identne IEC 60947-7-1:2002

ja identne EN 60947-7-1:2002

**Low-voltage switchgear and controlgear - Part 7: Ancillary equipment - Section one: Terminal blocks for copper conductors**

Specifies requirements for terminal blocks with screw-type or screwless type terminals, primarily intended for industry, having a cross-section between 0,2 mm<sup>2</sup> and 300 mm<sup>2</sup>.

prEVS 55669

Tähtaeg: 2003-03-01

Identne IEC 60947-7-3:2002

ja identne EN 60947-7-3:2002

**Low-voltage switchgear and controlgear - Part 7-3: Ancillary equipment - Safety requirements for fuse terminal blocks**

---

### 29.140.10

#### Lambisoklid ja -pesad

---

#### Lamp caps and holders

---

#### UUED STANDARDID

**EVS-EN 60400:2001/A1:2003**

Hind 259,00

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.

**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 55645

Tähtaeg: 2003-03-01

Identne IEC 60061-2:1969/  
A27:2002

ja identne EN 60061-2:1993/  
A27:2002

**Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 2: Lampholders**

This is a loose-leaf publication and supplements containing new and revised sheets are issued from time to time.

prEVS 55646

Tähtaeg: 2003-03-01

Identne IEC 60061-

3:1969/A29:2002

ja identne EN 60061-  
3:1993/A29:2002

**Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 3: Gauges**

This is a loose-leaf publication and supplements containing new and revised sheets are issued from time to time.

---

### 29.140.20

#### Hööglambid

---

#### Incandescent lamps

---

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55658

Tähtaeg: 2003-03-01

Identne IEC 60357:2002

ja identne EN 60357:2003

**Tungsten halogen lamps (non-vehicle)**

Specifies dimensions and characteristics of tungsten halogen lamps, designed specifically for the following applications: projection, photographic (including studio), flood lighting, specialized airfield purpose and general purpose. This is a loose-leaf publication; supplements, containing new and revised sheets, are issued from time to time.

---

### 29.140.30

#### Luminofoorlambid.

#### Lahenduslambid

---

**Fluorescent lamps. Discharge lamps**

---

#### UUED STANDARDID

**EVS-EN 61049:2003**

Hind 101,00

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.

## **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 55706

Tähtaeg: 2003-03-01

Identne EN 50107-1:2002

**Signs and luminous-discharge-tube installations operating from a no-load rated output voltage exceeding 1 kV but not exceeding 10 kV - Part 1:**

### **General requirements**

This European Standard specifies the requirements and method of installation for signs and luminous-discharge-tube installations operating from a no-load rated output voltage exceeding 1000 V, but not exceeding 10 000 V, including the electrical components and wiring.

---

## **29.140.40 Valgustid**

---

### **Luminaires**

---

## **UUED STANDARDID**

**EVS-EN 60598-1:2001/A12:2003**

Hind 326,00

Identne IEC 60598-1:1997/

A12:2000

ja 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).

**EVS-EN 60598-1:2001/A15:2003**

Hind 0,00

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).

**EVS-EN 60598-2-10:2003**

Hind 109,00

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.

**EVS-EN 60598-2-18:2003**

Hind 83,00

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.

---

## **29.140.50**

### **Valgustussüsteemid**

---

### **Lighting installation systems**

---

## **KAVANDITE**

## **ARVAMUSKÜSITLUS**

prEVS 55685

Tähtaeg: 2003-03-01

Identne IEC 61821:2002

ja identne EN 61821:2003

### **Electrical installations for lighting and beaconing of aerodromes - Maintenance of aeronautical ground lighting constant current series circuits**

This International Standard applies to the maintenance of AGL constant current series circuits. This International Standard covers constant current series circuits for AGL installed at aerodromes and heliports; concentrates on providing the safety requirements for the maintenance of an AGL constant current series circuit. It is recognised that AGL constant current series circuits of different design characteristics and parameters are in existence; is

mainly concerned with safety to persons by specifying the rules and fundamental principles for the maintenance of AGL constant current series circuits; is not intended to apply to AGL primary series circuits supplied directly from a mains constant voltage source; is not intended to be used for public street lighting, roadway lighting or any other installation requiring the use of constant current series circuits.

---

## **29.140.99**

### **Muud lampide ja valgustitega seotud standardid**

---

### **Other standards related to lamps**

---

## **KAVANDITE**

## **ARVAMUSKÜSITLUS**

prEVS 55689

Tähtaeg: 2003-03-01

Identne IEC 62094-1:2002

ja identne EN 62094-1:2003

### **Indicator light units for household and similar fixed-electrical installations - Part 1: General requirements**

This International Standard applies to stand-alone indicator light units intended to give a visible signal. They are designed for a.c. only with a rated voltage not exceeding 440 V and a rated power not exceeding 10 W, for household and similar fixed-electrical installations, either indoors or outdoors.

---

## **29.160.01**

### **Pöörlevad masinad üldiselt**

---

### **Rotating machinery in general**

---

## **UUED STANDARDID**

**EVS-EN 61986:2003**

Hind 155,00

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.

**EVS-HD 245.4 S1:2003**

Hind 92,00

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.

---

**29.180**

**Trafod. Reaktorid**

---

**Transformers. Reactors**

---

**UUED STANDARDID**

**EVS-EN 50299:2003**

Hind 92,00

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.

**EVS-EN 60289:2003**

Hind 199,00

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.

**EVS-EN 50216-1:2003**

Hind 75,00

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.

**EVS-EN 50216-2:2003**

Hind 92,00

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.

**EVS-EN 50216-3:2003**

Hind 83,00

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.

**EVS-EN 50216-4:2003**

Hind 83,00

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.

**EVS-EN 50216-5:2003**

Hind 83,00

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".

**EVS-EN 50216-6:2003**

Hind 109,00

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".

**EVS-EN 50216-7:2003**

Hind 126,00

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.

**EVS-EN 60852-4:2003**

Hind 117,00

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.

**EVS-HD 464 S1:2003**

Hind 212,00

Identne IEC 60726:1982+A1:1986

ja identne HD 464 S1:1988+

A2,A3,A5:2002

**Dry-type power transformers**

This standard applies to dry-type power transformers (including auto-transformers) having values of highest voltage for equipment up to and including 36 kV. The following small and special dry-type transformers are not covered: Single-phase transformers rated at less than 1 kVA and polyphase transformers rated at less than 5 kVA; instrument transformers; transformers for static convertors; starting transformers; testing transformers; traction transformers mounted on rolling stock; welding transformers and small power transformers.

**EVS-HD 591 S1:2003**

Hind 126,00

Identne HD 591 S1:1993

**Stationary transformers in traction systems**

This document covers specific characteristics of stationary transformers for the supply of power to a.c. and d.c. traction systems.

**EVS-HD 596 S1:2003**

Hind 66,00

Identne HD 596 S1:1996

**Bushings up to 1 kV and from 250 A to 5 kA, for liquid filled transformers**

This standard is applicable to ceramic insulated bushings for rated voltages up to 1 000 V, rated currents from 250 A up to 5 000 A and frequencies from 15 Hz up to 60 Hz for insulating liquid filled transformers. Note: These bushings are suitable for operation at 1,1 kV in compliance with HD 428.1 S1.

**EVS-HD 607 S1:2003**

Hind 66,00

Identne HD 607 S1:1996

**Busbar bushings up to 1 kV and from 1,25 kA to 5 kA, for liquid filled transformers**

This standard is applicable to moulded indoor busbar bushings for rated voltages up to 1 000 V, rated currents from 1 250 A up to 5 000 A and frequencies from 15 Hz up to 60 Hz for insulating liquid filled transformers. Note: These bushings are suitable for operation at 1,1 kV in compliance with HD 428.1 S1.

**EVS-HD 428.1 S1:2003**

Hind 101,00

Identne HD 428.1 S1:1992 + A1:1995

**Three phase oil-immersed distribution transformers 50 Hz, from 50 to 2500 kVA with highest voltage for equipment not exceeding 36 kV - Part 1: General requirements and requirements for transformers with highest voltage for equipment not exceeding 24 kV**

This harmonization document covers transformers from 50 to 2500 kVA intended for operation in three-phase distribution networks, for indoor or outdoor continuous service, 50 Hz, immersed in mineral-oil, natural cooling, with two windings: - a primary (high-voltage) winding with a highest voltage for equipment from 3,6 to 24 kV, - a secondary (low-voltage) winding with a highest voltage for equipment not exceeding 1,1 kV.

**EVS-HD 428.3 S1:2003**

Hind 75,00

Identne HD 428.3 S1:1994

**Three phase oil-immersed distribution transformers 50 Hz, from 50 to 2500 kVA with highest voltage for equipment not exceeding 36 kV; part 3: supplementary requirements for transformers with highest voltage for equipment equal to 36 kV**

This Harmonization Document covers transformers from 50 to 2500 kVA intended for operation in three-phase distribution networks, for indoor or outdoor continuous service, 50 Hz, immersed in mineral-oil, natural cooling, with two windings.

**EVS-HD 428.4 S1:2003**

Hind 57,00

Identne HD 428.4 S1:1994

**Three phase oil-immersed distribution transformers 50 Hz, from 50 to 2500 kVA with highest voltage for equipment not exceeding 36 kV; part 4: determination of the power rating of a transformer loaded with non-sinusoidal currents**

This document gives to the user guidance to determine the loadability of an oil-immersed distribution transformer, as defined in and covered by HD 428, in the case of load current with harmonic factors exceeding the maximum values allowed.

**EVS-HD 538.1 S1:2003**

Hind 109,00

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.

**EVS-HD 538.2 S1:2003**

Hind 66,00

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.

**EVS-HD 538.3 S1:2003**

Hind 57,00

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.

**EVS-HD 428.2.1 S1:2003**

Hind 92,00

Identne HD 428.2.1 S1:1994

**Three phase oil-immersed distribution transformers 50 Hz, from 50 to 2500 kVA with highest voltage for equipment not exceeding 36 kV - Part 2: Distribution transformers with cable boxes on the high voltage and/or low voltage side - Section 1: General requirements**

HD 428.1 subclause 3.3 states that a distribution transformer could have different termination features.

**EVS-HD 428.2.2 S1:2003**

Hind 75,00

Identne HD 428.2.2 S1:1997

**Three-phase oil-immersed distribution transformers 50 Hz, from 50 to 2500 kVA with highest voltage for equipment not exceeding 36 kV - Part 2: Distribution transformers with cable boxes on the high-voltage and/or low-voltage side - Section 2: Cable boxes type 1 for use on distribution transformers meeting the requirements of HD 428.2.1 S1**

This document specifies the requirements for cable boxes, Type 1, in which the cable cores are terminated. The cable boxes are suitable for use on transformers defined in HD 428.2.1 S1, Distribution transformers with cable boxes, for side mounted or cover mounted use. The cable boxes are suitable for operation indoors and outdoors under environmental conditions specified in HD 428.1 S1. Important design and construction requirements of the cable boxes are given.

**EVS-HD 428.2.3 S1:2003**

Hind 75,00

Identne HD 428.2.3 S1:1998

**Three-phase oil-immersed distribution transformers 50 Hz, from 50 to 2500 kVA with highest voltage for equipment not exceeding 36 kV - Part 2: Distribution transformers with cable boxes on the high-voltage and/or low-voltage side - Section 3: Cable boxes type 2 for use on distribution transformers meeting the requirements of HD 428.2.1**

Cable boxes described in this document correspond to cable boxes Type 2 in HD 428.2.1 and are suitable for assembly on the cover of oil-immersed distribution transformers meeting the requirements of HD 428.2.1.

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55644

Tähtaeg: 2003-03-01

Identne IEC 60044-3:2002

ja identne EN 60044-3:2003

**Instrument transformers -**

**Part 3: Combined transformers**

This part of IEC 60044 applies to newly manufactured combined transformers for use with electrical measuring instruments and electrical protective devices at frequencies from 15 Hz to 100 Hz. The requirements and tests of this standard, in addition to the

requirements and tests of IEC 60044-1, IEC 60044-2 and IEC 60044-5 cover current, voltage and capacitor voltage transformers, that are necessary for combined instrument transformers. This standard shall be used in conjunction with IEC 60044-1 and IEC 60044-2.

prEVS 55683

Tähtaeg: 2003-03-01

Identne IEC 61558-2-9:2002

ja identne EN 61558-2-9:2003

**Safety of power transformers, power supply units and similar products - Part 2-9: Particular requirements for transformers for class III handlamps for tungsten filament lamps**

This Part 2-9 of IEC 61558 applies to stationary or portable single-phase air-cooled (natural or forced) associated safety isolating transformers for class III handlamps for tungsten filament lamps, having a rated supply voltage not exceeding 1 000 V a.c., a rated frequency not exceeding 500 Hz and a rated output not exceeding 10 kVA. It has the status of a group safety publication in accordance with IEC Guide 104 prEVS 55712

Tähtaeg: 2003-03-01

Identne EN 50216-

2:2002/A1:2002

**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 55714

Tähtaeg: 2003-03-01

Identne EN 50216-5:2002/

A1:2002

**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".

**29.220.20**

**Happeakud ja -  
akupatareid**

**Acid secondary cells and  
batteries**

**UUED STANDARDID**

**EVS-EN 61429:2003**

Hind 109,00

Identne IEC 61429:1995

ja identne EN 61429:1996+  
A11:1998

**Marking of secondary cells and  
batteries with the international  
recycling symbol ISO 7000-1135**

This International Standard defines the conditions of utilization of the recycling symbol of the International Organization for Standardization (ISO) associated with the chemical symbols indicating the electrochemical system of the battery. This standard applies to lead-acid batteries (Pb) and nickel-cadmium batteries (Ni-Cd).\*

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55657

Tähtaeg: 2003-03-01

Identne IEC 61056-1:2002

ja identne EN 61056-1:2003

**General purpose lead-acid  
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 55664

Tähtaeg: 2003-03-01

Identne IEC 60896-11:2002

ja identne EN 60896-11:2003

**Stationary lead-acid batteries -  
Part 11: Vented types - General  
requirements and methods of  
tests**

This part of IEC 60896 is applicable to lead-acid cells and batteries which are designed for service in fixed locations (i.e. not habitually to be moved from place to place) and which are permanently connected to the load and to the d.c. power supply. Batteries operating in such applications are called "stationary batteries". Any type or construction of lead-acid battery may be used for stationary battery applications. This part 11 of the standard is applicable to vented

types only. This first edition of IEC 60896-11 cancels and replaces IEC 60896-1 (first edition) published in 1987 and its amendments 1 (1988) and 2 (1990), and constitutes a technical revision. prEVS 55676

Tähtaeg: 2003-03-01

Identne IEC 61056-2:2002

ja identne EN 61056-2:2003

**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**

**UUED STANDARDID**

**EVS-EN 60993:2003**

Hind 101,00

Identne IEC 60993:1989

ja identne EN 60993:2002

**Electrolyte for vented nickel-  
cadmium cells**

Applies to electrolytes and their components when used in vented nickel-cadmium cells. These electrolytes are used: - for filling cells supplied without filling electrolyte, and/or: - for refilling cells if change of electrolyte is required, and/or: - if the operating electrolyte needs to be topped up with water provided no specific recommendations from the manufacturer are available.

**EVS-EN 61429:2003**

Hind 109,00

Identne IEC 61429:1995

ja identne EN 61429:1996+  
A11:1998

**Marking of secondary cells and  
batteries with the international  
recycling symbol ISO 7000-1135**

This International Standard defines the conditions of utilization of the recycling symbol of the International Organization for Standardization (ISO) associated with the chemical symbols indicating the electrochemical system of the battery. This standard applies to lead-acid batteries (Pb) and nickel-cadmium batteries (Ni-Cd).\*

**EVS-EN 61960-2:2003**

Hind 170,00

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.

**EVS-HD 561 S1:2003**

Hind 101,00

Identne IEC 60509:1988

ja identne HD 561 S1:1991

**Sealed nickel-cadmium button  
rechargeable single cells**

Specifies tests and requirements for sealed nickel-cadmium rechargeable single button cells, suitable for use in any position.

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55660

Tähtaeg: 2003-03-01

Identne IEC 60622:2002

ja identne EN 60622:2003

**Secondary cells and batteries  
containing alkaline or other  
non-acid electrolytes - Sealed  
nickel-cadmium prismatic  
rechargeable single cells**

Specifies tests and requirements for sealed nickel-cadmium prismatic rechargeable single cells.

---

## 29.220.99

### Muud akud ja patareid

---

#### Other cells and batteries

---

#### UUED STANDARDID

EVS-EN 61960-2:2003

Hind 170,00

Identne IEC 61960-2:2001

ja identne EN 61960-2:2001

#### Secondary lithium cells and batteries for portable applications - Part 2: Secondary lithium batteries

#### 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

---

#### UUED STANDARDID

EVS-EN 61478:2003

Hind 179,00

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

---

#### UUED STANDARDID

EVS-EN 61643-11:2003

Hind 338,00

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.

#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 55648

Tähtaeg: 2003-03-01

Identne IEC 60099-4:1991/  
A2:2001

ja identne EN 60099-4:1993/  
A2:2002

#### Surge arresters - Part 4: Metal-oxide surge arresters without gaps for a.c. systems

This International Standard applies to non-linear metal-oxide resistor type surge arresters without spark gaps designed to limit voltage surges on a.c. power circuits. This standard basically applies to all metal-oxide surge arresters; however, polymeric housed, GIS, liquid immersed and other special designs may require special consideration in design, test and application.

---

## 29.240.20

### Elektrijaotusliinid

---

#### Power transmission and distribution lines

---

#### UUED STANDARDID

EVS-EN 61057:2003

Hind 212,00

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.

EVS-EN 62219:2003

Hind 155,00

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.

EVS-EN 60865-1:2003

Hind 212,00

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.

**EVS-HD 623 S1:2003**

Hind 212,00

Identne HD 623 S1:1996+A1:2001  
**Specifications for joints, stop ends and outdoor terminations for distribution cables of rated voltage 0,6/1,0 kV**

This specification details the performance requirements for joints, stop ends and outdoor terminations for cables of rated voltage 0,6/1,0(1,2) kV as defined in HD 603. Joints, stop ends and outdoor terminations for extruded solid dielectric insulated cables and transition joints between extruded solid dielectric insulated and impregnated paper insulated cables are included. Joints, stop ends and outdoor terminations for impregnated paper insulated cables are not included.

## **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 55680

Tähtaeg: 2003-03-01

Identne IEC 61477:2001 +

A1:2002

ja identne EN 61477:2002 +

A1:2002

**Live working - Minimum requirements for the utilization of tools, devices and equipment**  
Gives the minimum requirements relative to specification, manufacture, selection, application and maintenance of tools, devices and equipment for live working. It provides the type of information which is useful to skilled persons in order to make the use of tools, devices and equipment safer.

prEVS 55682

Tähtaeg: 2003-03-01

Identne IEC 61477:2001

ja identne EN 61477:2002

**Live working - Minimum requirements for the utilization of tools, devices and equipment**  
Gives the minimum requirements relative to specification, manufacture, selection, application and maintenance of tools, devices and equipment for live working. It provides the type of information

which is useful to skilled persons in order to make the use of tools, devices and equipment safer.

prEVS 55687

Tähtaeg: 2003-03-01

Identne IEC 61952:2002

ja identne EN 61952:2003

**Insulators for overhead lines - Composite line post insulators for a.c. with a nominal voltage greater than 1000 V**

Applies to composite line post insulators consisting of a load-bearing, cylindrical, insulating solid core made up of fibres - usually glass - in a resin-based matrix, a housing (outside the insulating core) made of elastomer material (e.g. silicone or ethylene-propylene) and end fittings permanently attached to the insulating core. The object of this standard is to - define the terms used, - prescribe test methods, - prescribe acceptance or failure criteria This standard does not include requirements dealing with the choice of insulators for specific operating conditions.

---

## **29.260.20**

### **Plahvatusohtlikus keskkonnas töötavad elektriseadmed**

---

**Electrical apparatus for  
explosive atmospheres**

---

## **UUED STANDARDID**

**EVS-EN 50028:2003**

Hind 92,00

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.

**EVS-EN 50039:2003**

Hind 57,00

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.

**EVS-EN 62013-1:2003**

Hind 130,00

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.

**EVS-EN 50281-1-1:2001/A1:2003**

Hind 49,00

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.

**EVS-EN 50281-1-2:2001/A1:2003**

Hind 49,00

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.

**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 55526

Tähtaeg: 2003-04-01

Identne prEN 13237:2002

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

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

---

**29.260.99**

**Muud eritingimustes  
töötavad elektriseadmed**

**Other electrical equipment for working in special conditions**

---

**UUED STANDARDID**

**EVS-EN 61057:2003**

Hind 212,00

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.

**EVS-EN 61478:2003**

Hind 179,00

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.

**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 55680

Tähtaeg: 2003-03-01

Identne IEC 61477:2001 +

A1:2002

ja identne EN 61477:2002 +

A1:2002

**Live working - Minimum requirements for the utilization of tools, devices and equipment**

Gives the minimum requirements relative to specification, manufacture, selection, application and maintenance of tools, devices and equipment for live working. It provides the type of information which is useful to skilled persons in order to make the use of tools, devices and equipment safer.

prEVS 55682

Tähtaeg: 2003-03-01

Identne IEC 61477:2001

ja identne EN 61477:2002

**Live working - Minimum requirements for the utilization of tools, devices and equipment**

Gives the minimum requirements relative to specification, manufacture, selection, application and maintenance of tools, devices and equipment for live working. It provides the type of information which is useful to skilled persons in order to make the use of tools, devices and equipment safer.

---

**29.280**

**Elekterveoseadmed**

---

**Electric traction equipment**

---

**UUED STANDARDID**

**EVS-HD 591 S1:2003**

Hind 126,00

Identne HD 591 S1:1993

**Stationary transformers in traction systems**

This document covers specific characteristics of stationary transformers for the supply of power to a.c. and d.c. traction systems.

**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 37910

Tähtaeg: 2003-03-01

Identne EN 50125-2:2002

**Railway applications - Fixed equipment - Environmental conditions for fixed electrical installations**

This standard defines influences from the surroundings on fixed electrical installations in open air, in covered areas, tunnels and within cubicles placed in above areas. Such influences include altitude, temperature & humidity, air movement, rain, snow, hail, ice, sand, solar radiation, lightning, pollution and vibrations. In this respect it gives general guidance in order to allow the fairness of bid assessments and the process of railway projects. The environmental conditions are considered for normal operation. More severe conditions may be specified for the equipment to withstand, when not operating, without suffering damage. Microclimates surrounding components may need special requirements which are covered by product standards. In case of environmental conditions not covered by the standard the data to be adopted for a specific project shall be clearly stipulated when preparing a specification. This standard is not intended to apply to cranes, installations in underground mines, suspended cable cars and funicular railways. Biological influences, EMC, electromagnetic interference and nuclear radiation are excluded. Signalling and telecommunications systems are not considered in this standard. Equipment in tunnels will include the running tunnel and

the platform together with fixed equipment essential to operate the railway. Not included will be escalators, lifts, fire protection, lighting in tunnels and on platforms, ticket machines, toilets and ventilation systems.

prEVS 55632

Tähtaeg: 2003-03-01

Identne EN 50155:2001/A1:2002

#### **Railway applications -**

#### **Electronic equipment used on rolling stock**

This standard applies to all electronic equipment for control, regulation, protection, supply, etc., installed on rail vehicles and associated with: - either the accumulator battery of the vehicle; - or a low voltage power supply source with or without a direct connection to the contact system (transformer, potentiometer device, auxiliary supply); with the exception of electronic power circuits, which conform to EN 50207.

---

### **31.020**

#### **Elektroonikaseadiste üldküsimumed**

---

#### **Electronic components in general**

---

#### **UUED STANDARDID**

**EVS-EN 60286-1:2003**

Hind 83,00

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.

**EVS-EN 60286-2:2003**

Hind 101,00

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.

**EVS-EN 60286-3:2003**

Hind 126,00

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.

**EVS-EN 60286-4:2003**

Hind 92,00

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.

**EVS-EN 60286-5:2003**

Hind 101,00

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.

**EVS-EN 60286-6:2003**

Hind 83,00

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**

---

#### **UUED STANDARDID**

**EVS-HD 349 S1:2003**

Hind 66,00

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**

---

#### **UUED STANDARDID**

**EVS-EN 60539-1:2003**

Hind 212,00

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**

---

**Capasitors in general**

---

**UUED STANDARDID**

**EVS-HD 349 S1:2003**

Hind 66,00

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**

---

**UUED STANDARDID**

**EVS-EN 130801:2003**

Hind 101,00

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 alumiiniumkondensaatorid**

---

**Aluminium electrolytic capacitors**

---

**UUED STANDARDID**

**EVS-EN 130301:2003**

Hind 117,00

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**

---

**UUED STANDARDID**

**EVS-EN 60191-6-2:2003**

Hind 101,00

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.

**EVS-EN 60191-6-5:2003**

Hind 101,00

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.

**EVS-EN 60191-6-8:2003**

Hind 101,00

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**

**Dioidid**

---

**Diodes**

---

**UUED STANDARDID**

**EVS-EN 61643-321:2003**

Hind 126,00

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.

**EVS-EN 61643-341:2003**

Hind 229,00

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**

#### **UUED STANDARDID**

**EVS-EN 60747-16-1:2003**

Hind 199,00

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**

#### **UUED STANDARDID**

**EVS-EN 61965:2003**

Hind 212,00

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.

**EVS-EN 61643-311:2003**

Hind 139,00

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.

**EVS-HD 145 S1:2003**

Hind 66,00

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.

**EVS-HD 146 S4:2003**

Hind 316,00

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.

**EVS-HD 148 S2:2003**

Hind 163,00

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.

---

**31.120**

### **Elektronnäidikud**

---

#### **Electronic display devices**

#### **UUED STANDARDID**

**EVS-EN 61747-3-1:2003**

Hind 83,00

Identne IEC 61747-3-1:1998

ja identne EN 61747-3-1:1999

**Liquid crystal and solid-state display devices - Part 3-1:**

**Liquid crystal display (LCD) cells - Blank detail specification**

This blank detail specification is one of a series of blank detail specifications for liquid crystal display devices and should be used with the following IEC publications.

---

**31.140**

### **Piesoelektrilised seadised**

---

#### **Piezoelectric and dielectric devices**

#### **UUED STANDARDID**

**EVS-EN 50324-1:2003**

Hind 109,00

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.

**EVS-EN 50324-2:2003**

Hind 146,00

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.

**EVS-EN 50324-3:2003**

Hind 117,00

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 mechano-electrical converters.

**EVS-EN 60122-3:2003**

Hind 170,00

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.

**EVS-EN 60368-3:2003**

Hind 130,00

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.

**EVS-EN 60679-3:2003**

Hind 179,00

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**

---

**UUED STANDARDID**

**EVS-EN 62326-1:2003**

Hind 212,00

Identne IEC 62326-1:2002

ja identne EN 62326-1:2002

**Printed boards - Part 1: Generic specification**

This part of IEC 2326 is a Generic Specification (GS) applying to printed boards within the IEC quality assessment system for electronic components (IECQ). It relates to printed boards irrespective of their method of manufacture, when they are ready for mounting of components. This standard specifies the system and procedure for approval of manufacturers and products, and provides rules for the preparation of specifications for printed boards.

**EVS-EN 62326-4:2003**

Hind 179,00

Identne IEC 62326-4:1996

ja identne EN 62326-4:1997

**Printed boards - Part 4: Rigid multilayer boards with interlayer connections - Sectional specification**

This part of IEC 2326 is applicable to rigid multilayer printed boards irrespective of their method of manufacture. It is the basis on which agreements between manufacturer and user are to be made. This standard provides additional information necessary to supplement the requirements of the Generic Specification, IEC 2326-1, for the printed boards intended to be accepted under the IECQ.

**EVS-EN 61249-2-4:2003**

Hind 139,00

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.

**EVS-EN 62326-4-1:2003**

Hind 229,00

Identne IEC 62326-4-1:1996

ja identne EN 62326-4-1:1997

**Printed boards - Part 4: Rigid multilayer printed boards with interlayer connections - Sectional specification - Section 1: Capability Detail Specification - Performance levels A, B and C**

This Capability Detail Specification (Cap DS) is based on IEC 2326-4. It relates to rigid multilayer printed boards with interlayer connections manufactured with materials specified in 3.1. It specifies the capability qualifying component (CQC), the characteristics to be tested, the test methods and conditions to be applied and the requirements to be fulfilled for testing capability performance level A, B or C.

**EVS-EN 61249-2-18:2003**

Hind 139,00

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.

**EVS-EN 61249-2-19:2003**

Hind 130,00

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.

**EVS-HD 593.3 S1:2003**

Hind 101,00

Identne IEC 60796-3:1990

ja identne HD 593.3 S1:1991

**Microprocessor system bus; 8-bit and 16-bit data (MULTIBUS I); Part 3: Mechanical and pin descriptions for the Eurocard configuration with pin and socket (indirect) connectors**

Deals with the electrical and mechanical interfaces to allow microprocessor system components to interact with each other. Applies to an interface used to connect microprocessor system components by means of a pin and socket (indirect) connector type backplane. Ensures that bus backplanes, card racks and printed circuit boards are mechanically compatible. Note: -For the price of this publication, please consult the ISO/IEC price-code list.

---

**31.190**

**Elektroonikakomponentid e koosted**

Electronic component assemblies

---

**UUED STANDARDID**

**EVS-EN 61193-1:2003**

Hind 146,00

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.

**EVS-HD 493.3 S2:2003**

Hind 163,00

Identne IEC 60297-

3:1984+A1:1992

ja identne HD 493.3 S2:1993

**Dimensions of mechanical structures for the 482, 6 mm (19 in) series; Part 3: Subracks and associated plug-in units**

Covers the basic dimensions of a modular range of sub racks for mounting in equipment according to IEC 60297 together with the basic dimensions of a compatible range of plug-in units and printed boards. Covers also the connector-dependent dimensions to be used when two-part connectors according to IEC 60603-2 are mounted on subracks and plug-in units.

---

**31.220.10**

**Pistikseadised. Liitmikud**

Plug-and-socket devices.

Connectors

---

**UUED STANDARDID**

**EVS-EN 61076-3:2003**

Hind 130,00

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.

**EVS-EN 60268-12:2003**

Hind 101,00

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.

**EVS-EN 60512-1-1:2003**

Hind 66,00

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.

**EVS-EN 60512-1-2:2003**

Hind 83,00

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.

**EVS-EN 60512-2-1:2003**

Hind 75,00

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.

**EVS-EN 60512-2-3:2003**

Hind 75,00

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.

**EVS-EN 60512-2-6:2003**

Hind 75,00

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.

**EVS-EN 60512-3-1:2003**

Hind 66,00

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).

**EVS-EN 60512-11-10:2003**

Hind 75,00

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.

**EVS-EN 60512-11-11:2003**

Hind 75,00

Identne IEC 60512-11-11:2002

ja identne EN 60512-11-11:2002

**Sound and television broadcast receivers and associated equipment -Immunity characteristics -Limits and methods of measurement**

This standard for immunity requirements applies to television broadcast receivers, sound broadcast receivers and associated equipment intended for use in the residential, commercial and light industrial environment. Immunity

requirements are given in the frequency range 0 Hz to 400 GHz. Radio-frequency tests outside the specified frequency bands or concerning other phenomena than given in this standard are not required.

**EVS-EN 60512-11-12:2003**

Hind 75,00

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.

**EVS-EN 60512-11-13:2003**

Hind 75,00

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.

**EVS-EN 60512-11-2:2003**

Hind 75,00

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.

**EVS-EN 60512-11-3:2003**

Hind 75,00

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.

**EVS-EN 60512-11-4:2003**

Hind 75,00

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.

**EVS-EN 60512-25-1:2003**

Hind 130,00

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.

**EVS-EN 60512-25-2:2003**

Hind 109,00

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.

**EVS-EN 61076-3-001:2003**

Hind 229,00

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.

**EVS-EN 61076-3-101:2003**

Hind 190,00

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.

**EVS-EN 61076-3-100:2003**

Hind 190,00

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.

**EVS-EN 61076-4-110:2003**

Hind 212,00

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).

---

**31.240**

**Elektronseadmete mehaanilised osad**

---

Mechanical structures for electronic equipment

---

**UUED STANDARDID**

**EVS-HD 363 S1:2003**

Hind 101,00

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.

**EVS-HD 391 S3:2003**

Hind 109,00

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.

**EVS-HD 493.1 S1:2003**

Hind 66,00

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.

**EVS-HD 493.2 S1:2003**

Hind 66,00

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.

---

**31.260**

**Optoelektronika. Laserseadmed**

---

Optoelectronics. Laser equipment

---

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55688

Tähtaeg: 2003-03-01

Identne IEC 61988-2-1:2002

ja identne EN 61988-2-1:2002

**Plasma display panels - Part 2-1: Measuring methods - Optical**

Determines the measuring methods for characterizing the performance of colour plasma display modules in the following areas: 4 % window luminance; luminance uniformity; dark-room contrast ratio; white chromaticity and chromatic uniformity; colour gamut in the centre box.

---

**33.020**

**Sidetehnika üldküsimumused**

---

Telecommunications in general

---

**UUED STANDARDID**

**EVS-EN 300 224-1 V1.3.1:2003**

Hind 212,00

Identne EN 300 224-1 V1.3.1:2001

**Electromagnetic compatibility and Radio spectrum Matters (ERM); On-site paging service; Part 1: Part 1: Technical and functional characteristics, including test methods**

**EVS-EN 301 721 V1.2.1:2003**

Hind 179,00

Identne EN 301 721 V1.2.1:2001  
**Harmonized EN for Mobile Earth Stations (MES) providing Low Bit Rate Data Communications (LBRDC) using Low Earth Orbiting (LEO) satellites operating below 1 GHz covering essential requirements under article 3.2 of the R&TTE directive**

**KAVANDITE**  
**ARVAMUSKÜSITLUS**

prEVS 55564

Tähtaeg: 2003-04-01

Identne EN 300 019-2-1

V2.1.2:2000

**Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-1: Specification of environmental tests; Storage**

prEVS 55565

Tähtaeg: 2003-04-01

Identne EN 300 019-2-2

V2.1.2:1999

**Equipment Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-2: Specification of environmental tests; Transportation (A1)**

prEVS 55566

Tähtaeg: 2003-04-01

Identne EN 300 019-2-3

V2.2.1:2002

**Equipment Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-3: Specification of environmental tests; Stationary use at weatherprotected locations**

prEVS 55567

Tähtaeg: 2003-04-01

Identne EN 300 019-2-4

V2.2.1:2002

**Equipment Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-4: Specification of environmental tests; Stationary use at non-weatherprotected locations**

---

**33.040**

**Sidesüsteemid**

---

**Telecommunication systems**

---

**UUED STANDARDID**

**EVS-EN 300 636 V1.3.1:2003**

Hind 117,00

Identne EN 300 636 V1.3.1:2001

**Fixed Radio Systems; Point-to-multipoint equipment; Time Division Multiple Access (TDMA); Point-to-multipoint digital radio systems in frequency bands in the range 1HGz to 3 GHz**

**EVS-TBR 23 ed.1:2003**

Hind 130,00

Identne TBR 23 ed.1:1998

**Electromagnetic compatibility and Radio spectrum Matters (ERM);Terrestrial Flight Telecommunications System (TFTS);Technical requirements for TFTS**

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55582

Tähtaeg: 2003-04-01

Identne EN 300 324-1 V2.1.1:2000

**V interfaces at the digital Local Exchange (LE); V5.1 interface for the support of Access Network (AN); Part 1: V5.1 interface specification**

prEVS 55583

Tähtaeg: 2003-04-01

Identne EN 300 686 V1.2.1:2001

**Access and Terminals (AT); 34 Mbit/s and 140 Mbit/s digital leased lines (D34U, D34S, D140U, D140S); Network interface presentation**

prEVS 55584

Tähtaeg: 2003-04-01

Identne EN 300 687 V1.2.1:2001

**Access and Terminals (AT); 34 Mbit/s digital leased lines (D34U and D34S); Connection characteristics**

prEVS 55585

Tähtaeg: 2003-04-01

Identne EN 300 688 V1.2.1:2001  
**Access and Terminals (AT); 140 Mbit/s digital leased lines (D140U and D140S); Connection characteristics**

prEVS 55586

Tähtaeg: 2003-04-01

Identne EN 300 689 V1.2.1:2001

**Access and Terminals (AT); 34 Mbit/s digital leased lines (D34U and D34S); Terminal equipment interface**

prEVS 55587

Tähtaeg: 2003-04-01

Identne EN 300 690 V1.2.1:2001  
**Access and Terminals (AT); 140 Mbit/s digital leased lines (D140U and D140S); Terminal equipment interface**

prEVS 55595

Tähtaeg: 2003-04-01

Identne EN 301 213-5 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 5: Multi-Carrier Time Division Multiple Access (MC-TDMA) methods**

prEVS 55597

Tähtaeg: 2003-04-01

Identne EN 301 451-2 V1.4.1:2002

**Private Integrated Services Network (PISN); Cordless Terminal Mobility (CTM); Inter-exchange signalling protocol; Cordless terminal outgoing call additional network feature for the VPN**

**"b" service entry point; Part 2: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification**

prEVS 55598

Tähtaeg: 2003-04-01

Identne EN 301 452-2 V1.4.1:2002

**Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Call completion supplementary service for the VPN "b" service entry point; Part 2: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification**

prEVS 55599

Tähtaeg: 2003-04-01

Identne EN 301 453-2 V1.2.1:2002

**Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Diversion supplementary services; Part 2: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification**

prEVS 55600

Tähtaeg: 2003-04-01

Identne EN 301 454-2 V1.3.1:2002

Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Cordless Terminal Location Registration (CTLR) supplementary service; ECMA-QSIG-CTLR; Part 2: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma  
prEVS 55601  
Tähtaeg: 2003-04-01  
Identne EN 301 455-2 V1.4.1:2002

Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Cordless Terminal Mobility (CTM); Incoming call additional network feature for the VPN "b" service entry point; Part 2: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification  
prEVS 55602  
Tähtaeg: 2003-04-01  
Identne EN 301 483-2 V1.2.1:2002

Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Advice of Charge (AoC) supplementary services; Part 2: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification  
prEVS 55610  
Tähtaeg: 2003-04-01  
Identne EN 301 490-2 V1.2.1:2002

Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Call transfer supplementary service for the VPN "b" service entry point; Part 2: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma  
prEVS 55611  
Tähtaeg: 2003-04-01  
Identne EN 301 491-2 V1.2.1:2002

Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Call offer supplementary service; Part 2: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification  
prEVS 55614  
Tähtaeg: 2003-04-01  
Identne EN 301 754 V1.1.1

Telecommunications Management Network (TMN); Management interfaces associated with the VB5.2 reference point  
prEVS 55623  
Tähtaeg: 2003-04-01  
Identne EN 301 931-1 V1.1.2:2001

Intelligent Network (IN); Intelligent Network Capability Set 3 (CS3); Intelligent Network Application Protocol (INAP); Protocol specification; Part 1: Common aspects  
prEVS 55624  
Tähtaeg: 2003-04-01  
Identne EN 301 931-2 V1.1.2:2001

Intelligent Network (IN); Intelligent Network Capability Set 3 (CS3); Intelligent Network Application Protocol (INAP); Protocol specification; Part 2: SCF-SSF interface  
prEVS 55625  
Tähtaeg: 2003-04-01  
Identne EN 301 931-3 V1.1.2:2001

Intelligent Network (IN); Intelligent Network Capability Set 3 (CS3); Intelligent Network Application Protocol (INAP); Protocol specification; Part 3: SCF-SRF interface  
prEVS 55626  
Tähtaeg: 2003-04-01  
Identne EN 301 931-4 V1.1.2:2001

Intelligent Network (IN); Intelligent Network Capability Set 3 (CS3); Intelligent Network Application Protocol (INAP); Protocol specification; Part 4: SDLs for SCF-SSF interface

---

### 33.040.40 Andmesidevõrgud

---

Data communication networks

---

### UUED STANDARDID

EVS-EN 61603-6:2003  
Hind 117,00  
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

---

### UUED STANDARDID

EVS-HD 609 S1:2003  
Hind 92,00  
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

### KAVANDITE ARVAMUSKÜSITLUS

prEVS 55633  
Tähtaeg: 2003-03-01  
Identne EN 50173-1:2002

Information technology - Generic cabling systems  
This European Standard specifies generic cabling for use within commercial premises which may comprise single or multiple buildings on a campus. It covers balanced copper cabling and optical fibre cabling.

---

### 33.040.99

### Muud sideseadmed

---

Other equipment for telecommunication systems

---

### UUED STANDARDID

EVS-EN 61643-311:2003  
Hind 139,00  
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 300 828:2003**

Hind 130,00

Identne EN 300 828:1998

**Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radiotelephone transmitters and receivers for the maritime mobile service operating in the VHF bands**

**EVS-EN 300 152-1 V1.2.2:2003**

Hind 170,00

Identne EN 300 152-1 V1.2.2:2000

**Electromagnetic compatibility and Radio spectrum Matters (ERM); Maritime Emergency Position Indicating Radio Beacons (EPIRBs) intended for use on the frequency 121,5 MHz or the frequencies 121,5 MHz and 243 MHz for homing purposes only; Part 1: Technical characteristics and methods of measurement**

**EVS-EN 300 152-3 V1.1.1:2003**

Hind 170,00

Identne EN 300 152-3 V1.1.1:2001

**Maritime Emergency Position Indicating Radio Beacons (EPIRBs) intended for use on the frequency 121,5 MHz or the frequencies 121,5 MHz and 243 MHz for homing purposes only; Part 3: Harmonized EN covering essential requirements of article 3.3 (e) of the R&TTE Directive**

**EVS-EN 300 162-1 V1.2.2:2003**

Hind 212,00

Identne EN 300 162-1 V1.2.2:2000

**Electromagnetic compatibility and Radio spectrum Matters (ERM); Radiotelephone transmitters and receivers for the maritime mobile service operating in VHF bands; Part 1: Technical characteristics and methods of measurement**

**EVS-EN 300 197 V1.6.1:2003**

Hind 170,00

Identne EN 300 197 V1.6.1:2002

**Fixed Radio Systems; Point-to-point equipment; Parameters for radio systems for the transmission of digital signals operating at 38 HGz**

**EVS-EN 300 198 V1.5.1:2003**

Hind 170,00

Identne EN 300 198 V1.5.1:2002

**Fixed Radio Systems; Point-to-point equipment; Parameters for radio systems for the transmission of digital signals operating at 23 GHz**

**EVS-EN 300 328-2 V1.2.1:2003**

Hind 101,00

Identne EN 300 328-2 V1.2.1:2001

**Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband Transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using spread spectrum modulation techniques; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive**

**EVS-EN 300 390-1 V1.2.1:2003**

Hind 272,00

Identne EN 300 390-1 V1.2.1:2000

**Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment intended for the transmission of data**

**EVS-EN 300 630 V1.3.1:2003**

Hind 117,00

Identne EN 300 630 V1.3.1:2001

**Fixed Radio Systems; Point-to-point equipment; Low capacity point-to-point digital radio systems operating in the 1,4 GHz**

**EVS-EN 300 676 V1.2.1:2003**

Hind 190,00

Identne EN 300 676 V1.2.1:2000

**Electromagnetic compatibility and Radio spectrum Matters (ERM); Ground-based VHF hand-held, mobile and fixed radio transmitters, receivers and transceivers for the VHF aeronautical mobile service using amplitude modulation; Technical characteristics and methods of measurement**

**EVS-EN 300 718-1 V1.2.1:2003**

Hind 170,00

Identne EN 300 718-1 V1.2.1:2001

**Electromagnetic compatibility and Radio spectrum Matters (ERM); Avalanche Beacons; Transmitter-receiver systems; Part 1: Technical characteristics and test methods**

**EVS-EN 300 721 V1.2.2:2003**

Hind 170,00

Identne EN 300 721 V1.2.2:1999

**Satellite Earth Stations and Systems (SES); Mobile Earth Stations (MES) providing Low Bit Rate Data Communications (LBRDC) using Low Earth Orbiting (LEO) satellites operating below 1 GHz**

**EVS-EN 301 011 V1.1.1:2003**

Hind 130,00

Identne EN 301 011 V1.1.1:1998

**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**

\*

**EVS-EN 301 443 V1.2.1:2003**

Hind 212,00

Identne EN 301 443 V1.2.1:2001

**Harmonized EN for Very Small Aperture Terminal (VSAT); Transmit-only, transmit-and-receive, receive-only satellite earth stations operating in the 4 GHz and 6 GHz frequency bands covering essential requirements under article 3.2 of the R&TTE Directive**

#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 55615

Tähtaeg: 2003-04-01

Identne EN 301 786 V1.2.:2001

**Fixed Radio Systems; Point-to-point equipment; Parameters for digital radio systems for the transmission of digital signals operating at 52 GHz**

prEVS 55621

Tähtaeg: 2003-04-01

Identne EN 301 841-1 V1.1.1:2002

**Electromagnetic compatibility and Radio spectrum Matters (ERM); VHF air-ground Digital Link (VDL) Mode 2; Technical characteristics and methods of measurement for ground-based equipment; Part 1: Physical layer**

prEVS 55622

Tähtaeg: 2003-04-01

Identne EN 301 842-1 V1.1.1:2002

**Electromagnetic compatibility and Radio spectrum Matters (ERM); VHF air-ground Data Link (VDL) Mode 4 radio equipment; Technical characteristics and methods of measurement for ground-based equipment; Part 1: General description**

---

### **33.060.20**

#### **Vastuvõtu- ja saateseadmed**

---

Receiving and transmitting equipment

---

### **UUED STANDARDID**

#### **EVS-EN 62106:2003**

Hind 306,00

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.

#### **EVS-HD 560.1 S1:2003**

Hind 190,00

Identne IEC 60315-1:1988

ja identne HD 560.1 S1:1990

**Methods of measurement on radio receivers for various classes of emission; Part 1: General considerations and methods of measurement, including audio-frequency measurements**

Applies to radio receivers of any kind excluding television receivers, and to the parts of which they are composed, or which are used as auxiliaries to such receivers. Deals with the determination of performance, the comparison of equipment and the determination of proper practical applications by listing the characteristics useful for specifications and laying down

uniform methods of measurement for these characteristics. Also replaces IEC 60315-2 (1971).

---

### **33.060.30**

#### **Raadioreleeliinid ja stantsionaarsed satelliitsidesüsteemid**

---

Radio relay and fixed satellite communications systems

---

### **UUED STANDARDID**

#### **EVS-HD 477.1 S1:2003**

Hind 212,00

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.

#### **EVS-HD 477.3 S1:2003**

Hind 92,00

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.

#### **EVS-HD 467.1.2 S1:2003**

Hind 139,00

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.

#### **EVS-HD 467.2.3 S1:2003**

Hind 75,00

Identne IEC 60510-2-3:1989

ja identne HD 467.2.3 S1:1990

**Methods of measurement for radio equipment used in satellite earth stations; Part 2: Measurements for sub-systems; Section 3: Low-noise amplifier** Describes methods of measurement of the electrical characteristics of the low-noise amplifier which follows an earth station antenna.

#### **EVS-HD 477.2.1 S1:2003**

Hind 66,00

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.

#### **EVS-HD 477.2.2 S1:2003**

Hind 130,00

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.

#### **EVS-HD 477.2.4 S1:2003**

Hind 101,00

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.

**EVS-HD 477.2.5 S1:2003**

Hind 109,00

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.

**EVS-HD 477.3.2 S1:2003**

Hind 66,00

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.

**EVS-HD 477.3.3 S1:2003**

Hind 163,00

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.

**EVS-HD 477.3.4 S1:2003**

Hind 109,00

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.

**EVS-HD 477.3.6 S1:2003**

Hind 126,00

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.

---

**33.060.40**

**Kaabeljaotussüsteemid**

**Cabled distribution systems**

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55616

Tähtaeg: 2003-03-01

Identne EN 50083-9:2002

**Cable networks for television signals, sound signals and interactive services - Part 9: Interfaces for CATV/SMATV headends and similar professional equipment for DVB/MPEG-2 transport streams**

This standard describes physical interfaces for the interconnection of signal processing devices for professional CATV/SMATV headend equipment or for similar systems, such as in uplink stations. Especially this document specifies the transfer of MPEG-2 data signals in the standardized transport layer format between devices of different signal processing functions

---

**33.060.99**

**Muud raadioside seadmed**

**Other equipment for radiocommunications**

---

**UUED STANDARDID**

**EVS-HD 466.5 S1:2003**

Hind 247,00

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 55588

Tähtaeg: 2003-04-01

Identne EN 300 444 V1.4.1:2001

**Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP)**

prEVS 55589

Tähtaeg: 2003-04-01

Identne EN 300 757 V1.4.1:2002

**Digital Enhanced Cordless Telecommunications (DECT); Low Rate Messaging Service (LRMS) including Short Messaging Service (SMS)**

prEVS 55590

Tähtaeg: 2003-04-01  
Identne EN 300 812 V2.1.1:2001  
**Terrestrial Trunked Radio (TETRA); Security aspects; Subscriber Identity Module to Mobile Equipment (SIM-ME) interface**

prEVS 55591

Tähtaeg: 2003-04-01  
Identne EN 300 822 V1.2.1:2001  
**Digital Enhanced Cordless Telecommunications (DECT); Integrated Services Digital Network (ISDN); DECT/ISDN interworking for intermediate system configuration; Interworking and profile specification**

prEVS 55592

Tähtaeg: 2003-04-01  
Identne EN 300 824 V1.3.1:2001  
**Digital Enhanced Cordless Telecommunications (DECT); Cordless Terminal Mobility (CTM); CTM Access Profile (CAP)**

prEVS 55596

Tähtaeg: 2003-04-01  
Identne EN 301 238 V1.3.1:2001  
**Digital Enhanced Cordless Telecommunications (DECT); Data Services Profile (DSP); Isochronous data bearer services with roaming mobility (service type D, mobility class 2)**

prEVS 55612

Tähtaeg: 2003-04-01  
Identne EN 301 515 V1.0.1:2001  
**Global System for Mobile communication (GSM); Requirements for GSM operation on railways**

---

### 33.080

#### **Integraalteenustega digitaalvõrk (ISDN)**

---

#### **Integrated Services Digital Network (ISDN)**

---

#### **UUED STANDARDID**

EVS-EN 301 716 V7.3.1:2003

Hind 247,00

Identne EN 301 716 V7.3.1:2000  
**Digital cellular telecommunications system (Phase 2+) (GSM); Support of Mobile Number Portability (MNP); Technical Realisation; Stage 2 (GSM 03.66 version 7.3.1 Release 1998)**

EVS-EN 301 937 V1.1.1:2003

Hind 117,00

Identne EN 301 937 V1.1.1:2002

**Services and Protocols for Advanced Networks (SPAN); Number portability for ETNS services**

EVS-EN 302 097 V1.2.2:2003

Hind 66,00

Identne EN 302 097 V1.2.2:2000

**Integrated Services Digital Network (ISDN); Signalling System No.7 (SS7); ISDN User Part (ISUP); Enhancement for support of Number Portability (NP) [ITU-T Recommendation Q.769.1 (2000), modified]**

#### **KAVANDITE**

#### **ARVAMUSKÜSITLUS**

prEVS 36552

Tähtaeg: 2003-04-01

Identne EN 300 141-1

V.1.2.4:1998

**Integrated Services Digital Network (ISDN); Call Hold (HOLD) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification**

This first part of EN 300 141 specifies the stage three of the Call Hold supplementary (HOLD) supplementary service for the pan-European Integrated Services Digital Network (ISDN) as provided by European public telecommunications operators at the T reference point or coincident S and T reference point (as defined in CCITT Recommendation I.411 [1]) by means of the Digital Subscriber Signalling System No. one (DSS1) protocol. Stage three identifies the protocol procedures and switching functions needed to support a telecommunications service (see CCITT Recommendation I.130 [2]). In addition the present document specifies the protocol requirements at the T reference point where the service is provided to the user via a private ISDN. The present document does not specify the additional protocol requirements where the service is provided to the user via a telecommunications network that is not an ISDN. The HOLD supplementary service allows a user to interrupt communications on an existing call and then subsequently, if desired, re-establish communications. The HOLD supplementary service is applicable to all circuit-switched telecommunication services. Further parts of the present

document specify the method of testing required to identify conformance to the present document. The present document is applicable to equipment, supporting the HOLD supplementary service, to be attached at either side of a T reference point or coincident S and T reference point when used as an access to the public ISDN.

prEVS 55561

Tähtaeg: 2003-04-01

Identne EN 300 009-2 V1.4.2:2002

**Integrated Services Digital Network (ISDN); Signalling System No.7; Signalling Connection Control Part (SCCP) (connectionless and connection-oriented class 2) to support international interconnection; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**

prEVS 55562

Tähtaeg: 2003-04-01

Identne EN 300 011-1 V1.2.2:2000

**Integrated Services Digital Network (ISDN); Primary rate User Network Interface (UNI); Part 1: Layer1 specification**

prEVS 55563

Tähtaeg: 2003-04-01

Identne EN 300 012-1 V1.2.2:2000

**Integrated Services Digital Network (ISDN); Basic User-Network Interface (UNI); Part 1: Layer 1 specification**

prEVS 55568

Tähtaeg: 2003-04-01

Identne EN 300 058-6 V1.3.3:1999

**Integrated Services Digital Network (ISDN); Call Waiting (CW) 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 55569

Tähtaeg: 2003-04-01

Identne EN 300 064-6 V1.4.3:1999

**Integrated Services Digital Network (ISDN); Direct Dialling In (DDI) 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 55570  
Tähtaeg: 2003-04-01  
Identne EN 300 089 V3.1.1:2000  
**Integrated Services Digital Network (ISDN); Calling Line Identification Presentation (CLIP) supplementary service; Service description**  
prEVS 55571  
Tähtaeg: 2003-04-01  
Identne EN 300 092-6 V1.4.1:2002  
**Integrated Services Digital Network (ISDN); Calling Line Identification Presentation (CLIP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 6: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the network**  
prEVS 55572  
Tähtaeg: 2003-04-01  
Identne EN 300 093-6 V1.4.1:2002  
**Integrated Services Digital Network (ISDN); Calling Line Identification Restriction (CLIR) 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 55573  
Tähtaeg: 2003-04-01  
Identne EN 300 094 V2.1.1:2000  
**Integrated Services Digital Network (ISDN); Connected Line Identification Presentation (COLP) supplementary service; Service description**  
prEVS 55574  
Tähtaeg: 2003-04-01  
Identne EN 300 097-6 V1.3.4:1999  
**Integrated Services Digital Network (ISDN); Connected Line Identification Presentation (COLP) 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 55575  
Tähtaeg: 2003-04-01  
Identne EN 300 098-6 V1.3.4:1999

**Integrated Services Digital Network (ISDN); Connected Line Identification Presentation (COLP) 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 55577  
Tähtaeg: 2003-04-01  
Identne EN 300 130-4 V1.3.2:2000  
**Integrated Services Digital Network (ISDN); Malicious Call Identification (MCID) 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 55578  
Tähtaeg: 2003-04-01  
Identne EN 300 130-6 V1.3.4:1999  
**Integrated Services Digital Network (ISDN); Malicious Call Identification (MCID) 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 55579  
Tähtaeg: 2003-04-01  
Identne EN 300 138-4 V1.4.3:2000  
**Integrated Services Digital Network (ISDN); Closed User Group (CUG) 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 55580  
Tähtaeg: 2003-04-01  
Identne EN 300 138-5 V3.1.1:2002  
**Integrated Services Digital Network (ISDN); Closed User Group (CUG) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 5: Test Suite Structure and Test Purposes (TSS&TP) specification for the network**

prEVS 55581  
Tähtaeg: 2003-04-01  
Identne EN 300 138-6 V 1.5.1:2002  
**Integrated Services Digital Network (ISDN); Closed User Group (CUG) 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 55593  
Tähtaeg: 2003-04-01  
Identne EN 301 276-3 V1.1.1:2001  
**Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Connection characteristics; Modification procedures for sustainable cell rate parameters; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user**  
prEVS 55594  
Tähtaeg: 2003-04-01  
Identne EN 301 276-5 V1.1.1:2001  
**Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Connection characteristics; Modification procedures for sustainable cell rate parameters; Part 5: Test Suite Structure and Test Purposes (TSS&TP) specification for the network**  
prEVS 55603  
Tähtaeg: 2003-04-01  
Identne EN 301 484-3 V1.1.1:2001  
**Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1); Line Hunting (LH) supplementary service; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user**  
prEVS 55604  
Tähtaeg: 2003-04-01  
Identne EN 301 484-5 V1.1.1:2001  
**Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1); Line Hunting (LH) supplementary service; Part 5: Test Suite Structure and Test Purposes (TSS&TP) specification for the network**  
prEVS 55605



Tähtaeg: 2003-04-01  
 Identne EN 301 486-2 V1.1.1:2001  
**Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Connection characteristics; ATM traffic descriptor modification with negotiation by the connection owner; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**  
 prEVS 55606  
 Tähtaeg: 2003-04-01  
 Identne EN 301 486-3 V1.1.1:2001  
**Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Connection characteristics; ATM traffic descriptor modification with negotiation by the connection owner; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user**  
 prEVS 55607  
 Tähtaeg: 2003-04-01  
 Identne EN 301 486-5 V1.1.1:2001  
**Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Connection characteristics; ATM traffic descriptor modification with negotiation by the connection owner; Part 5: Test Suite Structure and Test Purposes (TSS&TP) specification for the network**  
 prEVS 55608  
 Tähtaeg: 2003-04-01  
 Identne EN 301 487-3 V1.1.1:2001  
**Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Switched virtual path capability; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user**  
 prEVS 55609  
 Tähtaeg: 2003-04-01  
 Identne EN 301 487-5 V1.1.1:2001

**Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Switched virtual path capability; Part 5: Test Suite Structure and Test Purposes (TSS&TP) specification for the network**  
 prEVS 55617  
 Tähtaeg: 2003-04-01  
 Identne EN 301 813-2 V1.1.1:2001  
**Integrated Services Digital Network (ISDN) and Broadband Integrated Services Digital Network (B-ISDN); Generic Addressing and Transport (GAT) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**  
 prEVS 55618  
 Tähtaeg: 2003-04-01  
 Identne EN 301 816-2 V1.1.1:2001  
**Broadband Integrated Services Digital Network (B-ISDN); AAL Type 2 Signalling protocol; Capability Set 1; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification**  
 prEVS 55620  
 Tähtaeg: 2003-04-01  
 Identne EN 301 816-3 V1.1.1:2001  
**Broadband Integrated Services Digital Network (B-ISDN); AAL Type 2 Signalling protocol; Capability Set 1; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification**  
 prEVS 55627  
 Tähtaeg: 2003-04-01  
 Identne EN 302 094-3 V1.1.1:2001  
**Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) and Signalling System No.7 (SS7) protocols; Call Forwarding on Not Reachable (CFNRc) supplementary service for Cordless Terminal Mobility (CTM) phase 1; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user**  
 prEVS 55628  
 Tähtaeg: 2003-04-01  
 Identne EN 302 094-5 V1.1.1:2001

**Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) and Signalling System No.7 (SS7) protocols; Call Forwarding on Not Reachable (CFNRc) supplementary service for Cordless Terminal Mobility (CTM) phase 1; Part 5: Test Suite Structure and Test Purposes (TSS&TP) specification for the network**

---

### 33.100

#### Elektromagnetiline ühilduvus

---

Electromagnetic compatibility (EMC)

---

#### UUED STANDARDID

EVS-EN 300 828:2003

Hind 130,00

Identne EN 300 828:1998

**Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for radiotelephone transmitters and receivers for the maritime mobile service operating in the VHF bands**

EVS-EN 300 113 -2 V1.2.1:2003

Hind 117,00

Identne EN 300 113-2 V12.1:2002

**Electromagnetic compatibility and Radio spectrum Matters (ERM); Land mobile service; Radio equipment intended for the transmission of data (and/or speech) using constant or non-constant envelope modulation and having an antenna connector; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive**

EVS-EN 300 296-1 V1.1.1:2003

Hind 229,00

Identne EN 300 296-1 V1.1.1:2001

**Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radioequipment using integral antennas intended primarily for analogue speech; Part 1: Technical characteristics and methods of measurement**

EVS-EN 300 341-1 V1.3.1:2003

Hind 229,00

Identne EN 300 341-1 V1.3.1:2000

**Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service (RP 02); Radio equipment using an integral antenna transmitting signals to initiate a specific response in the receiver; Part 1: Technical characteristics and methods of measurement**

**EVS-EN 300 385 V1.2.1:2003**  
Hind 170,00

**Identne EN 300 385 V1.2.1:1999**  
**Electromagnetic compatibility and radio spectrum matters (ERM); Electromagnetic compatibility (EMC) standard for fixed radio links and ancillary equipment**

\*

**EVS-EN 300 392-2 V2.3.2:2003**  
Hind 560,00

**Identne EN 300 392-2 V2.3.2:2001**  
**Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 2: Air Interface (AI)**

**EVS-EN 300 392-7 V2.1.1:2003**  
Hind 316,00

**Identne EN 300 392-7 V2.1.1:2001**  
**Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 7: Security**

**EVS-EN 300 433-1 V1.1.3:2003**  
Hind 179,00

**Identne EN 300 433-1 V1.1.3:2000**  
**Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Double SideBand (DSB) and/or Single Side Band (SSB)**

**amplitude modulated citizen's band radio equipment; Part 1: Technical characteristics and methods of measurement**

**EVS-EN 300 720-1 V1.2.1:2003**  
Hind 179,00

**Identne EN 300 720-1 V1.2.1:2000**  
**Electromagnetic compatibility and Radio Spectrum Matters (ERM); Ultra-High Frequency (UHF) on-**

**board communications systems and equipment; Part 1: Technical characteristics and methods of measurement**

**EVS-EN 300 733 V1.1.1:2003**  
Hind 190,00

**Identne EN 300 733 V1.1.1:1998**

**Satellite Personal Communications Networks (S-PCN); Mobile Earth Stations (MES), including handheld earth stations, for S-PCN in the 1,6/2,4 GHz bands, providing voice and/or**

**data communications under the Mobile Satellite Service (MSS)**  
**EVS-EN 300 734 V1.1.1:2003**  
Hind 179,00

**Identne EN 300 734 V1.1.1:1998**

**Satellite Personal Communications Networks (S-PCN); Mobile Earth Stations (MES), including handheld earth stations, for S-PCN in the 2,0 GHz bands, providing voice and/or data communications under the Mobile Satellite Service (MSS)**

**EVS-EN 301 435-1 V1.2.4:2003**  
Hind 348,00

**Identne EN 301 435-1 V1.2.4:2000**  
**Terrestrial Trunked Radio (TETRA) Attachment requirements for TETRA terminal equipment; Part 1: Civil access**

**EVS-EN 301 435-2 V1.2.4:2003**  
Hind 338,00

**Identne EN 301 435-2 V1.2.4:2000**  
**Terrestrial Trunked Radio (TETRA); Attachment requirements for TETRA terminal equipment; Part 2: Emergency access**

**EVS-EN 301 489-10 V1.2.1:2003**  
Hind 126,00

**Identne EN 301 489-10**  
**V1.2.1:2001**

**ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 10: Specific conditions for First (CT1 and CT1+) and Second Generation Cordless Telephone (CT2) equipment**

**EVS-EN 301 489-11 V1.1.1:2003**  
Hind 92,00

**Identne EN 301 489-11**  
**V1.1.1:2002**

**ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 11: Specific conditions for analogue terrestrial sound broadcasting (Amplitude Modulation (AM) and Frequency Modulation (FM)) service transmitters**

**EVS-EN 301 489-12 V1.1.1:2003**  
Hind 126,00

**Identne EN 301 489-12**  
**V1.1.1:2000**

**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 12: Specific conditions for Very Small Aperture Terminal, Satellite Interactive Earth Stations operated in the frequency ranges between 4 GHz and 30 GHz in the Fixed Satellite Service (FSS)**

**EVS-EN 301 489-13 V1.1.1:2003**  
Hind 117,00

**Identne EN 301 489-13**  
**V1.1.1:2000**

**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 13: Specific conditions for Citizens' Band (CB) radio and ancillary equipment (speech and non-speech)**

**EVS-EN 301 489-14 V1.1.1:2003**  
Hind 126,00

**Identne EN 301 489-14**  
**V1.1.1:2002**

**ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 14: Specific conditions for analogue and digital terrestrial TV broadcasting service transmitters**

**EVS-EN 301 489-15 V1.1.1:2003**  
Hind 130,00

**Identne EN 301 489-15**  
**V1.1.1:2000**

**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 15: Specific conditions for commercially available amateur radio equipment**

**EVS-EN 301 489-16:2003**  
Hind 117,00

**Identne EN 301 489-16:2000**

**ElectroMagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 16: Specific conditions for analogue cellular radio communications**

**equipment, mobile and portable**  
**EVS-EN 301 489-17 V1.1.1:2003**  
Hind 109,00

Identne EN 301 489-17  
V1.1.1:2000  
**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Wideband data and HIPERLAN equipment**  
EVS-EN 301 489-18 V1.2.1:2003  
Hind 117,00  
Identne EN 301 489-18  
V1.2.1:2001  
**ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 18: Specific conditions for Terrestrial Trunked Radio (TETRA) equipment**  
EVS-EN 301 489-19 V1.1.1:2003  
Hind 109,00  
Identne EN 301 489-19  
V1.1.1:2000  
**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 19: Specific conditions for Receive Only Mobile Earth Stations (ROMES) operating in the 1,5 GHz band providing data communication**  
EVS-EN 301 489-2 V1.2.1:2003  
Hind 117,00  
Identne EN 301 489-2 V1.2.1:2000  
**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 2: Specific conditions for radio paging equipment**  
EVS-EN 301 489-20 V1.1.1:2003  
Hind 117,00  
Identne EN 301 489-20  
V1.1.1:2000  
**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 20: Specific conditions for Mobile Earth Stations (MES) used in the Mobile Satellite Services (MSS)**  
EVS-EN 301 489-22 V1.1.1:2003  
Hind 109,00  
Identne EN 301 489-22  
V1.1.1:2000  
**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 22: Specific requirements for ground-based VHF aeronautical mobile and fixed radio equipment**  
EVS-EN 301 489-23 V1.1.1:2003  
Hind 117,00  
Identne EN 301 489-23  
V1.1.1:2001  
**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 23: Specific conditions for IMT-2000 CDMA Direct Spread (UTRA) Base Station (BS) radio, repeater and ancillary equipment**  
EVS-EN 301 489-24 V1.1.1:2003  
Hind 130,00  
Identne EN 301 489-24  
V1.1.1:2001  
**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 24: Specific conditions for IMT-2000 CDMA Direct Spread (UTRA) for Mobile and portable (UE) radio and ancillary equipment**  
EVS-EN 301 489-25 V2.0.0:2003  
Hind 126,00  
Identne EN 301 489-25  
V2.0.0:2001  
**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 25: Specific conditions for IMT-2000 CDMA Multi-carrier Mobile Stations and ancillary equipment**  
EVS-EN 301 489-26 V1.1.1:2003  
Hind 109,00  
Identne EN 301 489-26  
V1.1.1:2001  
**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 26: Specific conditions for IMT-2000 CDMA Multi-carrier Base Stations and ancillary equipment**  
EVS-EN 301 489-3 V1.3.1:2003  
Hind 126,00  
**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 40 GHz**  
EVS-EN 301 489-4 V1.2.1:2003  
Hind 155,00  
Identne EN 301 489-4 V1.2.1:2000  
**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 4: Specific conditions for fixed radio links and ancillary equipment and services**  
EVS-EN 301 489-5 V1.2.1:2003  
Hind 109,00  
Identne EN 301 489-5 V1.2.1:2000  
**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 5: Specific conditions for Private land Mobile Radio (PMR) and ancillary equipment (speech and non-speech)**  
EVS-EN 301 489-6 V1.1.1:2003  
Hind 109,00  
Identne EN 301 489-6 V1.1.1:2000  
**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 6: Specific conditions for Digital Enhanced Cordless Telecommunications (DECT) equipment**  
EVS-EN 301 489-7 V1.1.1:2003  
Hind 126,00  
Identne EN 301 489-7 V1.1.1:2000  
**Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 7: Specific conditions for mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS)**  
EVS-EN 301 489-8 V1.1.1:2003  
Hind 126,00  
Identne EN 301 489-8 V1.1.1:2000

ElectroMagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 8: Specific conditions for GSM base  
 EVS-EN 301 489-9 V1.2.1:2003  
 Hind 130,00  
 Identne EN 301 489-9 V1.2.1:2001  
 Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 9: Specific conditions for wireless microphones, similar Radio Frequency (RF) audio link equipment, cordless audio and in-ear monitoring devices  
 EVS-EN 301 502 V8.1.2:2003  
 Hind 92,00  
 Identne EN 301 502 V8.1.2:2001  
 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 8.1.2 Release 1999)  
 EVS-EN 301 839-2 V1.1.1:2003  
 Hind 126,00  
 Identne EN 301 839-2 V1.1.1:2002  
 Electromagnetic compatibility and Radio spectrum Matters (ERM); Radio equipment in the frequency range 402 MHz to 405 MHz for Ultra Low Power Active Medical Implants and Accessories; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive  
 EVS-EN 301 840-2 V1.1.1:2003  
 Hind 101,00  
 Identne EN 301 840-2 V1.1.1:2001  
 Electromagnetic compatibility and Radio Spectrum Matters (ERM); Digital radio microphones operating in the CEPT Harmonized band 1 785 MHz to 1 800 MHz; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive  
 EVS-ETS 300 086:2003  
 Hind 247,00  
 Identne ETS 300 086:1991+A1:1996+A2:1997

Radio Equipment and Systems (RES); Land mobile group; Technical characteristics and test conditions for radio equipment with an internal or external RF connector intended primarily for analogue speech  
 EVS-ETS 300 113 ed.2:2003  
 Hind 283,00  
 Identne ETS 300113 ed.2:1996+A1:1997  
 Radio Equipment and Systems (RES); Land mobile service; Technical characteristics and test conditions for radio equipment intended for the transmission of data (and speech) and having an antenna connector  
 EVS-ETS 300 329 ed.2:2003  
 Hind 163,00  
 Identne ETS 300 329 ed.2:1997  
 Radio Equipment and Systems (RES); ElectroMagnetic Compatibility (EMC) for Digital Enhanced Cordless Telecommunications (DECT) equipment  
 \*

EVS-ETS 300 340 ed.1:2003  
 Hind 130,00  
 Identne ETS 300 340:1994  
 Radio Equipment and Systems (RES) - Electro-Magnetic Compability (EMC) for European Radio Message System (ERMES) paging receivers  
 \*

**KAVANDITE**  
**ARVAMUSKÜSITLUS**  
 prEVS 55576  
 Tähtaeg: 2003-04-01  
 Identne EN 300 127 V1.2.1:1999  
 Electromagnetic compatibility and Radio spectrum Matters (ERM); Radiated emission testing of physically large telecommunication systems

---

### 33.100.10

#### Kiirgus

---

#### Emission

---

**UUED STANDARDID**  
 EVS-EN 55014-1:2002/A2:2003  
 Hind 247,00  
 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.

EVS-EN 55015:2002/A2:2003  
 Hind 212,00  
 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.

### KAVANDITE

### ARVAMUSKÜSITLUS

prEVS 21365  
 Tähtaeg: 2003-03-01  
 Identne CISPR 25:2002  
 ja identne EN 55025:2003

### Radio disturbance characteristics for the protection of receivers used on board vehicles, boats, and on devices - Limits and methods of measurement

This standard is designed to protect receivers from disturbances produced by conducted and radiated emissions arising in a vehicle. Test procedures and limits given are intended to provide provisional control of vehicle-radiated emissions, as well as component/module conducted/radiated emissions of long and short duration. The standard: - establishes a test method for measuring the electromagnetic emissions from the electrical system of a vehicle; - sets limits for the electromagnetic emissions from the electrical system of a vehicle; - establishes test methods for testing on-board components and modules independent from the vehicle; - sets limits for electromagnetic emissions from components to prevent objectionable disturbance to on-board receivers; - classifies automotive components by disturbance duration to establish a range of limits.

prEVS 55639  
Tähtaeg: 2003-03-01  
Identne CISPR 22:1997/A2:2002  
ja identne EN  
55022:1998/A2:2003  
**Information technology  
equipment - Radio disturbance  
characteristics - Limits and  
methods of measurement**  
This standard applies to ITE as  
defined in 3.1. Procedures are  
given for the measurement of the  
levels of spurious signals generated  
by the ITE and limits are specified  
for the frequency range 9 kHz to  
400 GHz for both Class A and  
Class B equipment. No  
measurements need to be  
performed at frequencies where no  
limits are specified.

---

### 33.100.20

#### Immuunsus

---

#### Immunity

##### KAVANDITE ARVAMUSKÜSITLUS

prEVS 21365  
Tähtaeg: 2003-03-01  
Identne CISPR 25:2002  
ja identne EN 55025:2003  
**Radio disturbance  
characteristics for the protection  
of receivers used on board  
vehicles, boats, and on devices -  
Limits and methods of  
measurement**  
This standard is designed to  
protect receivers from disturbances  
produced by conducted and  
radiated emissions arising in a  
vehicle. Test procedures and limits  
given are intended to provide  
provisional control of vehicle-  
radiated emissions, as well as  
component/module  
conducted/radiated emissions of  
long and short duration. The  
standard: - establishes a test  
method for measuring the  
electromagnetic emissions from  
the electrical system of a vehicle; -  
sets limits for the electromagnetic  
emissions from the electrical  
system of a vehicle; - establishes  
test methods for testing on-board  
components and modules  
independent from the vehicle; -  
sets limits for electromagnetic  
emissions from components to  
prevent objectionable disturbance  
to on-board receivers; - classifies  
automotive components by  
disturbance duration to establish a  
range of limits.

prEVS 55715  
Tähtaeg: 2003-03-01  
Identne EN 50370-2:2003  
**Electromagnetic compatibility  
(EMC) - Product family  
standard for machine tools -  
Part 2: Immunity**  
This standard deals with the  
electromagnetic immunity of  
machine tools designed exclusively  
for industrial and similar purposes  
that use electricity, the rated  
voltage of the machine tool not  
exceeding 1 000 V a.c. or 1 500 V  
d.c. between lines. Machine tools  
may incorporate motors, heating  
elements or their combination, may  
contain electric or electronic  
circuitry, and may be powered by  
the mains, or any other electrical  
power source. This immunity  
standard may also be used for  
assessment of equipment used in  
other environments, which require  
less stringent immunity levels  
(residential, light industry) than  
the industrial environment. This  
standard is not intended for the  
EMC conformity assessment of  
modules to be placed on the market  
separately. This standard is not  
intended for complying with  
Machinery Directive 98/37/EC.  
Hence safety considerations are  
not covered by this standard. This  
standard does not cover fixed  
installations as defined in the  
Guide to the Application of  
Directive 89/336/EEC, published  
by the European Commission.  
This standard does not apply to  
apparatus intended to be used in  
locations where special  
electromagnetic conditions prevail,  
such as the presence of high  
electromagnetic fields (e.g. in the  
vicinity of a broadcast transmitting  
station) or where high pulses occur  
on the power network (e.g. in a  
power generator station). In these  
instances special mitigation  
measures may have to be  
employed. Immunity requirements  
in the frequency range 0 Hz to 400  
GHz are covered. No  
measurements need to be  
performed at frequencies where no

---

### 33.100.99

#### Elektromagnetilise ühilduvusega seonduvad muud küsimused

---

Other aspects related to  
EMC

---

#### UUED STANDARDID

**EVS-EN 61000-4-25:2003**  
Hind 212,00  
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

#### Sideaparatuuri osad ja lisaseadmed

---

Components and accessories  
for telecommunication  
equipment

---

#### UUED STANDARDID

**EVS-EN 300 631 V1.2.1:2003**  
Hind 117,00  
Identne EN 300 631 V1.2.1:1999  
**Fixed Radio Systems; Point-to-  
point Antennas; Antennas for  
point-to-point fixed radio  
systems in the 1 GHz to 3 GHz  
band**

### 33.120.10

#### Koaksiaalkaablid.

#### Lainejuhid

#### Coaxial cables. Waveguides

#### UUED STANDARDID

##### EVS-EN 50289-1-6:2003

Hind 212,00

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.

##### EVS-EN 50289-3-2:2003

Hind 66,00

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.

##### EVS-EN 50289-3-17:2003

Hind 66,00

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.

##### EVS-EN 50289-4-11:2003

Hind 170,00

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.

##### EVS-EN 50290-2-20:2003

Hind 57,00

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.

##### EVS-EN 50290-2-24:2003

Hind 130,00

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.

##### EVS-EN 50290-2-25:2003

Hind 66,00

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.

##### EVS-EN 50290-2-26:2003

Hind 66,00

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.

##### EVS-EN 50290-2-27:2003

Hind 66,00

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.

##### EVS-EN 50290-2-28:2003

Hind 57,00

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.

##### EVS-EN 50290-2-29:2003

Hind 66,00

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.

##### EVS-EN 50290-2-30:2003

Hind 66,00

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.

##### EVS-HD 120 S1:2003

Hind 75,00

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.

##### EVS-HD 138 S2:2003

Hind 83,00

Identne IEC 60261:1989

ja identne HD 138 S2:1990

##### Sealing test for pressurized waveguide tubing and assemblies

Specifies uniform measuring methods for sealing tests for pressurized waveguide components and assemblies. These measuring methods are carried out with regard to quantity and quality.

**EVS-HD 123.1 S1:2003**

Hind 101,00

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.

**EVS-HD 123.2 S1:2003**

Hind 92,00

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.

**EVS-HD 123.3 S1:2003**

Hind 75,00

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.

**EVS-HD 123.4 S1:2003**

Hind 92,00

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.

**EVS-HD 123.6 S2:2003**

Hind 75,00

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.

**EVS-HD 123.7 S1:2003**

Hind 92,00

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.

**EVS-HD 129.3 S2:2003**

Hind 92,00

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.

**EVS-HD 129.4 S1:2003**

Hind 101,00

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.

**EVS-HD 129.6 S1:2003**

Hind 101,00

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.

**EVS-HD 129.7 S1:2003**

Hind 83,00

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.

**EVS-HD 350.1 S1:2003**

Hind 101,00

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.

**EVS-HD 351.2 S1:2003**

Hind 75,00

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.

**EVS-HD 351.4 S2:2003**

Hind 75,00

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.

### 33.120.20

#### Juhtmed ja sümmeetrilised kaablid

#### Wires and symmetrical cables

#### UUED STANDARDID

##### EVS-EN 62012-1:2003

Hind 212,00

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

#### UUED STANDARDID

##### EVS-EN 122340:2003

Hind 117,00

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.

##### EVS-HD 489 S1:2003

Hind 126,00

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.

##### EVS-HD 134.2 S2:2003

Hind 92,00

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.

##### EVS-HD 134.3 S1:2003

Hind 75,00

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.

##### EVS-HD 134.4 S2:2003

Hind 117,00

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.

##### EVS-HD 134.5 S1:2003

Hind 109,00

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.

##### EVS-HD 134.6 S1:2003

Hind 92,00

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.

##### EVS-HD 134.7 S2:2003

Hind 139,00

Identne IEC 60169-7:1975 + A1:1993

ja identne HD 134.7 S2:1995

##### **Radio-frequency connectors - Part 7: R.F. coaxial connector with inner diameter of outer conductor 9,5 mm (0,374 in) with bayonet lock - Characteristic impedance 50 ohms (Type C)**

This publication concerns patterns for r.f. coaxial connectors which may preferably be used with r.f. cables 96 IEC 50-7 of IEC Publication 96-2, Radio-frequency Cables, Part 2: Relevant Cable Specifications.

##### EVS-HD 350.1 S1:2003

Hind 101,00

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.

##### EVS-HD 351.2 S1:2003

Hind 75,00

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.

##### EVS-HD 351.4 S2:2003

Hind 75,00

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.

---

### 33.120.40

#### Antennid

---

##### Aerials

---

#### UUED STANDARDID

**EVS-HD 466.8 S1:2003**

Hind 109,00

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

---

#### UUED STANDARDID

**EVS-EN 61603-6:2003**

Hind 117,00

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.

**EVS-HD 369.1 S1:2003**

Hind 83,00

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.

#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 55686

Tähtaeg: 2003-03-01

Identne IEC 61883-6:2002

ja identne EN 61883-6:2002

**Consumer audio/video equipment - Digital interface - Part 6: Audio and music data transmission protocol**

This document defines the audio and music data transmission protocol as an instance of a real-time data transmission protocol to be standardized under IEC 61883-1/FDIS in the future. The audio and music data transmission protocol can be applied to all modules or devices which have any kind of audio and/or music data processing, generation and conversion function blocks. This specification deals only with the transmission of audio and music data; the control, status and machine readable description of these modules or devices should be defined outside of this specification according to each application area.

---

### 33.160.20

#### Raadiovastuvõtjad

---

Radio receivers

---

#### UUED STANDARDID

**EVS-EN 60864-2:2003**

Hind 179,00

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.

---

### 33.160.25

#### Telesivastuvõtjad

---

Television receivers

---

#### UUED STANDARDID

**EVS-HD 567.6 S1:2003**

Hind 92,00

Identne IEC 60107-6:1989

ja identne HD 567.6 S1:1990

**Recommended methods of measurement on receivers for television broadcast transmissions; Part 6:**

**Measurement under conditions different from broadcast signal standards**

Gives methods of measurement for television broadcast receivers under conditions in which the signal presented to the receiver is not in accordance with the specifications for broadcast signals adopted by the CCIR. Such nonstandard signals may be produced by video tape recorders, video disc players and television games, among other sources. Specifies methods of measurement for those characteristics of broadcast television receivers using existing technology which have been found, by experience of the nature of signals produced by existing types of ancillary equipment and systems, to be significant in determining their mutual compatibility.

---

### 33.160.30

#### Helisalvestussüsteemid

---

Audio systems

---

#### UUED STANDARDID

**EVS-EN 60849:2003**

Hind 130,00

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.

**EVS-EN 62121:2003**

Hind 190,00

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.

**EVS-HD 337 S3:2003**

Hind 179,00

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.

**EVS-HD 544 S1:2003**

Hind 117,00

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.

**EVS-HD 311.6 S1:2003**

Hind 117,00

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.

**EVS-HD 483.1 S2:2003**

Hind 126,00

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.

**EVS-HD 311.10 S1:2003**

Hind 83,00

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.

**EVS-HD 369.13 S1:2003**

Hind 57,00

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.

---

**33.160.40**

**Videosalvestussüsteemid**

---

**Video systems**

---

**UUED STANDARDID**

**EVS-EN 60856:2003**

Hind 212,00

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.

**EVS-EN 62156:2003**

Hind 306,00

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.

**EVS-EN 60843-3:2003**

Hind 83,00

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.

**EVS-EN 60574-21:2003**

Hind 66,00

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.

**EVS-HD 451 S1:2003**

Hind 130,00

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.

**EVS-HD 461 S1:2003**

Hind 179,00

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.

**EVS-HD 527 S1:2003**

Hind 92,00

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.

**EVS-HD 573 S1:2003**

Hind 155,00

Identne IEC

60558:1982+A1:1987+A2:1993

ja identne HD 573 S1:1990 +

A1:1995

**Type C helical video tape recorders**

Defines the electrical and mechanical characteristics of equipment which will provide for interchangeability of recordings. The requirements given are related to 525 line-60 field and/or for 625 line-50 field systems. Applies to magnetic video recording and/or reproduction using 25.4 mm (1 in) tape on type C helical video tape recorders suitable for broadcast applications.

**EVS-HD 574 S1:2003**

Hind 126,00

Identne IEC 60602:1980+A1:1987

ja identne HD 574 S1:1990

**Type B helical video recorders**

Applies to magnetic video recording and/or reproducing using 25.4 mm (1 in) tape on type B helical-scan recorders suitable for broadcast applications. Defines the electrical and mechanical characteristics of equipment which will provide for interchangeability of recordings. The requirements given are related to 525 line-60 field and 625 line-50 field systems.

**EVS-HD 369.3 S1:2003**

Hind 101,00

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.

**EVS-HD 369.5 S1:2003**

Hind 83,00

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.

**EVS-HD 369.14 S2:2003**

Hind 83,00

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.

**EVS-HD 369.5.2 S1:2003**

Hind 83,00

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.

---

### 33.160.50

#### Lisaseadmed

---

##### Accessories

---

### UUED STANDARDID

#### EVS-EN 61842:2003

Hind 170,00

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.

#### EVS-EN 60268-5:2003

Hind 199,00

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.

#### EVS-EN 60268-7:2003

Hind 170,00

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.

---

### 33.160.60

#### Multimeedia süsteemid ja telekonverentsi seadmed

---

#### Multimedia systems and teleconferencing equipment

---

### UUED STANDARDID

#### EVS-EN 61937-5:2003

Hind 101,00

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.

#### EVS-EN 61937-6:2003

Hind 83,00

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.

#### EVS-EN 61947-1:2003

Hind 179,00

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.

#### EVS-EN 61947-2:2003

Hind 199,00

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.

#### EVS-EN 61966-7-1:2003

Hind 190,00

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

---

### 33.170

#### Televisiooni-ja raadiolevi

---

#### Television and radio broadcasting

---

### UUED STANDARDID

#### EVS-EN 62106:2003

Hind 306,00

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.

**EVS-HD 577 S1:2003**

Hind 163,00

Identne IEC 60864-1:1986+ A1:1987

ja identne HD 577 S1:1990

**Standardization of interconnections between broadcasting transmitters or transmitter systems and supervisory equipment; Part 1: Interface standards for systems using dedicated interconnections**

Applies to all classes of transmitters for sound and television broadcasting. 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). Details the interconnections and facilities to be provided with a view to achieving compatibility between different types and makes of transmitters and supervisory equipment.

---

**33.180.10**

**Optilised kiud ja kaablid**

---

**Fibres and cables**

---

**UUED STANDARDID**

**EVS-EN 187105:2003**

Hind 126,00

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.

**EVS-EN 60793-1-21:2003**

Hind 117,00

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.

**EVS-EN 60793-1-33:2003**

Hind 190,00

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.

**EVS-EN 60793-1-34:2003**

Hind 109,00

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.

**EVS-EN 60793-1-50:2003**

Hind 92,00

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.

**EVS-EN 60793-1-51:2003**

Hind 92,00

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.

**EVS-EN 60793-1-53:2003**

Hind 92,00

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).

**EVS-EN 60793-2-10:2003**

Hind 146,00

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.

**EVS-EN 60793-2-20:2003**

Hind 109,00

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.

**EVS-EN 60793-2-30:2003**

Hind 126,00

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.

**EVS-EN 60793-2-40:2003**

Hind 139,00

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.

**EVS-EN 60793-2-50:2003**

Hind 155,00

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.

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55662

Tähtaeg: 2003-03-01

Identne IEC 60793-1-1:2002

ja identne EN 60793-1-1:2003

**Optical fibres - Part 1-1: Generic specification - General**

Applies to primary coated or buffered optical fibres for use in telecommunication equipment and in devices employing similar techniques and defines categories of optical fibres as well as packaging.

---

**33.180.20**

**Kiudoptika liitmikud**

---

**Fibre optic interconnecting devices**

---

**UUED STANDARDID**

**EVS-EN 61977:2003**

Hind 146,00

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.

**EVS-EN 60869-1:2003**

Hind 170,00

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.

**EVS-EN 60876-1:2003**

Hind 179,00

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.

**EVS-EN 61313-1:2003**

Hind 57,00

Identne IEC 61313-1:1995

ja identne EN 61313-1:1997

**Fibre optic passive components**

**and cable assemblies - Part 1:**

**Capability approval - Generic**

**specification**

This specification applies to fibre optic passive components and cable assemblies for delivery under the capability approval procedure. It includes: - components and

cable assembly requirements; - quality assessment procedures

**EVS-EN 61754-5:2003**

Hind 101,00

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

**EVS-EN 61754-7:2003**

Hind 199,00

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

**EVS-EN 61754-9:2003**

Hind 92,00

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

**EVS-EN 61754-18:2003**

Hind 126,00

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.

**EVS-EN 61754-19:2003**

Hind 92,00

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.

**EVS-EN 61300-3-26:2003**

Hind 117,00

Identne IEC 61300-3-26:2002

ja identne EN 61300-3-26:2002

**Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-26: Examinations and measurements - Measurement of the angular misalignment between fibre and ferrules axes**  
Describes the procedure for the measurement of the angular misalignment between the fibre and the ferrule axes in a cylindrical ferrule for singlemode fibre optic connectors with fibre installed.

**EVS-EN 61300-3-28:2003**

Hind 75,00

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.

**EVS-EN 61753-021-2:2003**

Hind 83,00

Identne IEC 61753-021-2:2002

ja identne EN 61753-021-2:2002

**Fibre optic interconnecting devices and passive component performance standard - Part 021-2: Fibre optic connectors terminated on single-mode fibre to category C - Controlled environment**

Fibre optic interconnecting devices and passive components

**EVS-EN 61753-051-3:2003**

Hind 92,00

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.

**EVS-EN 61753-052-3:2003**

Hind 101,00

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.

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55677

Tähtaeg: 2003-03-01

Identne IEC 61300-2-5:2002

ja identne EN 61300-2-5:2002

**Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-5: Tests - Torsion/twist**

The purpose of this test is to determine the ability of the captivation or attachment of the cable to the device under test to withstand torsional loads while under tension as might be experienced during installation and normal service

---

## 33.180.99

### Muud kiudoptikaseadmed

---

#### Other fibre optic equipment

---

### UUED STANDARDID

**EVS-EN 62134-1:2003**

Hind 170,00

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

---

### UUED STANDARDID

**EVS-EN 60864-2:2003**

Hind 179,00

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.

**EVS-EN 61850-3:2003**

Hind 130,00

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.

**EVS-EN 61850-4:2003**

Hind 170,00

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.

**EVS-EN 61334-4-512:2003**

Hind 199,00

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.

**EVS-HD 546.3 S1:2003**

Hind 179,00

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.

**EVS-HD 546.4 S1:2003**

Hind 170,00

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.

---

**35.020**

**Infotehnoloogia  
üldküsimumused**

**Information technology (IT)  
in general**

---

**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 55639

Tähtaeg: 2003-03-01

Identne CISPR 22:1997/A2:2002  
ja identne EN 55022:1998/  
A2:2003

**Information technology  
equipment - Radio disturbance  
characteristics - Limits and  
methods of measurement**

This standard applies to ITE as defined in 3.1. Procedures are given for the measurement of the levels of spurious signals generated by the ITE and limits are specified for the frequency range 9 kHz to 400 GHz for both Class A and Class B equipment. No measurements need to be performed at frequencies where no limits are specified.

---

**35.040**

**Märgistikud ja  
informatsiooni  
kodeerimine**

---

**Character sets and  
information coding**

---

**UUED STANDARDID**

**EVS-EN 61937-6:2003**

Hind 83,00

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.

---

**35.110**

**Võrk**

---

**Networking**

---

**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 55635

Tähtaeg: 2003-03-01

Identne EN 50346:2002

**Information technology -  
Cabling installation - Testing of  
installed cabling**

This standard specifies procedures for testing the transmission performance of installed information technology cabling in premises. These procedures apply to both balanced copper and optical fibre cabling. These test procedures may be used for acceptance testing against agreed cabling performance limits, verification of specific application support, the investigation of faults. These test procedures are not suitable for components or

cable assemblies such as patch cords and equipment cords.

---

**35.140**

**Arvutigraafika**

---

**Computer graphics**

---

**UUED STANDARDID**

**EVS-EN 61947-2:2003**

Hind 199,00

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.

---

**35.160**

**Mikroprotsessorsüsteemid**

---

**Microprocessor systems**

---

**UUED STANDARDID**

**EVS-HD 576 S1:2003**

Hind 316,00

Identne IEC 60822:1988

ja identne HD 576 S1:1990

**IEC 60822 VSB; Parallel sub-  
system bus of the IEC 60821  
VME bus**

The VSB bus was designed to meet the needs of multiprocessor systems based on high-performance 32-bit microprocessors built up from board assemblies. It includes a high-speed asynchronous data transfer bus allowing masters to direct the transfer of binary data to and from slaves according to 4 kinds of cycles: address-only, single-transfer, block-transfer and interrupt-acknowledge cycles. It also includes an arbitration bus enabling arbiter modules and/or requester modules to coordinate the use of the data-transfer bus according to two arbitration methods (series or parallel). Note: - For the price of this publication, please consult the ISO/IEC price-code list.

**EVS-HD 592 S1:2003**

Hind 146,00

Identne IEC 60559:1989

ja identne HD 592 S1:1991



### **Binary floating-point arithmetic for microprocessor systems**

Defines ways for new microprocessor systems to perform binary floating point arithmetic in software, in hardware or in any combination of hardware and software. Note: -For the price of this publication, please consult the ISO/IEC price-code list.

#### **EVS-HD 593.1 S1:2003**

Hind 212,00

Identne IEC 60796-1:1990

ja identne HD 593.1 S1:1992

### **Microprocessor system bus 8-bit and 16-bit data (MULTIBUS I); Part 1: Functional description with electrical and timing specifications**

Applies to interface system components, for use in interconnecting data processing, data storage, and peripheral control devices in a closely coupled configuration. This interface system contains the necessary signals to allow the various system components to interact with each other. It allows memory and Input/Output direct memory accesses, generation of interrupts, etc. Provides a detailed description of all the elements and features that make up the system bus. Note: -For the price of this publication, please consult the ISO/IEC price-code list.

#### **EVS-HD 593.2 S1:2003**

Hind 92,00

Identne IEC 60796-2:1990

ja identne HD 593.2 S1:1992

### **Microprocessor system bus 8-bit and 16-bit data (MULTIBUS I); Part 2: Mechanical and pin descriptions for the system bus configuration, with edge connectors (direct)**

Applies to an interface used to connect microprocessor system components by means of the edge connector (direct) type backplane. Describes all the physical and mechanical specifications that a designer shall be concerned with when designing a backplane or when designing printed circuit boards that plug into the system bus interface. Note: -For the price of this publication, please consult the ISO/IEC price code list.

---

## **35.180**

### **Lõppseadmed jm välisseadmed**

---

#### **IT terminal and other peripheral equipment**

---

#### **UUED STANDARDID**

##### **EVS-EN 61947-1:2003**

Hind 179,00

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.

##### **EVS-EN 61966-7-1:2003**

Hind 190,00

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

---

## **35.200**

### **Liidestus- ja ühendusseadmed**

---

#### **Interface and interconnection equipment**

---

#### **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 55686

Tähtaeg: 2003-03-01

Identne IEC 61883-6:2002

ja identne EN 61883-6:2002

#### **Consumer audio/video equipment - Digital interface - Part 6: Audio and music data transmission protocol**

This document defines the audio and music data transmission protocol as an instance of a real-time data transmission protocol to be standardized under IEC 61883-1/FDIS in the future. The audio and music data transmission protocol can be applied to all modules or devices which have any kind of audio and/or music data processing, generation and conversion function blocks. This specification deals only with the transmission of audio and music data; the control, status and machine readable description of these modules or devices should be defined outside of this specification according to each application area.

---

## **35.240.50**

### **IT rakendused tööstuses**

---

#### **IT applications in industry**

---

#### **UUED STANDARDID**

##### **EVS-EN 61508-7:2003**

Hind 295,00

Identne IEC 61508-7:2000

ja identne EN 61508-7:2001

#### **Functional safety of electrical/electronic/prgramma ble 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.

##### **EVS-EN 61523-1:2003**

Hind 472,00

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.

---

35.240.99

**IT rakendused muudel aladel**

---

IT applications in other fields

---

**UUED STANDARDID**

**EVS-EN 62106:2003**

Hind 306,00

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.

**EVS-HD 357 S2:2003**

Hind 179,00

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.

**EVS-HD 374 S2:2003**

Hind 190,00

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.

**EVS-HD 417 S2:2003**

Hind 295,00

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.

**EVS-HD 431 S1:2003**

Hind 130,00

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.

**EVS-HD 432 S1:2003**

Hind 117,00

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.

**EVS-HD 445 S1:2003**

Hind 163,00

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.

**EVS-HD 453 S1:2003**

Hind 170,00

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.

**EVS-HD 457 S1:2003**

Hind 66,00

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.

---

37.020

**Optikaseadmed**

---

Optical equipment

---

**UUED STANDARDID**

**EVS-EN 61947-1:2003**

Hind 179,00

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.

**EVS-EN 61947-2:2003**

Hind 199,00

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.

---

### 37.040.10

#### Fotoaparatuur. Projektorid

---

Photographic equipment.  
Projectors

---

#### UUED STANDARDID

**EVS-HD 369.18 S1:2003**

Hind 75,00

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

---

#### UUED STANDARDID

**EVS-EN 61966-7-1:2003**

Hind 190,00

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 55525

Tähtaeg: 2003-04-01

Identne prEN 13760:2002

**Automotive LPG filling system for light and heavy duty vehicles - Nozzle, test requirements and dimensions**

This European Standard specifies the minimum design, construction, test requirements and the critical dimensions for filling nozzles for the dispensing of automotive Liquefied Petroleum Gas (LPG) to vehicles of categories M and N, as defined in EC Directive 70/156, that are fitted with the Euro filling unit (light duty or heavy duty)

---

### 45.060

#### Raudtee veerem

---

Railway rolling stock

---

#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 55678

Tähtaeg: 2003-03-01

Identne IEC 61377-3:2002

ja identne EN 61377-3:2002

**Railway applications - Rolling stock - Part 3: Combined testing of alternating current motors, fed by an indirect convertor, and their control system**

Specifies a) the performance characteristics of electric drives consisting of a convertor, alternating current motors, and the related control system; b) methods of verifying these performance characteristics by tests

---

### 45.060.01

#### Raudtee veerem üldiselt

---

Railway rolling stock in general

---

#### UUED STANDARDID

**EVS-EN 50306-1:2003**

Hind 126,00

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.

**EVS-EN 50306-2:2003**

Hind 109,00

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.

**EVS-EN 50306-3:2003**

Hind 109,00

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.

**EVS-EN 50306-4:2003**

Hind 146,00

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).

---

**45.060.10**  
**Vedurid**

---

**Tractive stock**

---

**KAVANDITE**  
**ARVAMUSKÜSITLUS**

prEVS 55632  
Tähtaeg: 2003-03-01  
Identne EN 50155:2001/A1:2002  
**Railway applications - Electronic equipment used on rolling stock**  
This standard applies to all electronic equipment for control, regulation, protection, supply, etc., installed on rail vehicles and associated with: - either the accumulator battery of the vehicle; - or a low voltage power supply source with or without a direct connection to the contact system (transformer, potentiometer device, auxiliary supply); with the exception of electronic power circuits, which conform to EN 50207.

---

**45.080**  
**Rööpad ja raudteosad**

---

**Rails and railway components**

---

**KAVANDITE**  
**ARVAMUSKÜSITLUS**

prEVS 38605  
Tähtaeg: 2003-04-01  
Identne EN 13230-5:2002  
**Railway applications - Track - Concrete sleepers and bearers - Part 5 : Special elements**

This part of this European Standard defines additional technical criteria and control procedures relating to the design and manufacture of special elements

---

**47.020.70**  
**Navigatsioon- ja juhtimisseadmed**

---

**Navigation and control equipment**

---

**UUED STANDARDID**

**EVS-EN 61993-2:2003**  
Hind 295,00  
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 equipment of the universal 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.

**EVS-EN 61162-401:2003**  
Hind 295,00  
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.

**EVS-EN 61162-410:2003**  
Hind 0,00  
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.

**EVS-EN 61162-420:2003**  
Hind 283,00  
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).

---

**47.060**  
**Siseveelaevad**

---

**Inland navigation vessels**

---

**KAVANDITE**  
**ARVAMUSKÜSITLUS**

prEVS 55495  
Tähtaeg: 2003-04-01  
Identne prEN 14606:2002  
**Inland navigation vessels - Studless anchor chain - Accessories to anchor equipment**  
This European Standard applies to accessories for round steel chains as specified in EN 14330 for the manufacture of studless anchor chains and for cable stoppers, cable lockers and end fastenings for inland navigation vessels

---

47.080

**Väikelaevad**

---

Small craft

---

**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 50671

Tähtaeg: 2003-04-01

Identne ISO 9094-2:2002

ja identne EN ISO 9094-2:2002

**Small craft - Fire protection -  
Part 2: Craft with a hull length  
of over 15 m**

This part of ISO 9094 defines procedures to achieve a practical degree of fire protection, specifies portable fire-fighting equipment and sets requirements for fixed fire-fighting systems

---

49.100

**Maapealse teeninduse ja  
hoolduse seadmed**

---

Ground service and  
maintenance equipment

---

**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 55483

Tähtaeg: 2003-04-01

Identne prEN 12312-20:2002

**Aircraft ground support  
equipment - Specific  
requirements - Part 20: Ground  
power equipment**

This European Standard specifies the technical requirements to minimise the hazards listed in clause 4 which can arise during the commissioning, operation and maintenance of ground power equipment, when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some requirements recognised as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and service companies

---

53.020.30

**Tõsteseadmete  
abivahendid**

---

Accessories for lifting  
equipment

---

**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 39107

Tähtaeg: 2003-04-01

Identne prEN 13411-5:2002  
**Terminations for steel wire  
ropes - Safety - Part 5: U-bolt  
wire rope grips**

This European Standard specifies the minimum requirements for the safe behaviour of terminations associated with U-bolt wire rope grips manufactured from ferrous materials for use as intended by the manufacturer of the U bolt grip  
prEVS 39140

Tähtaeg: 2003-04-01

Identne prEN 13414-3:2002

**Steel wire rope slings - Safety -  
Part 3: Grommets and cable-laid  
slings**

This European Standard specifies the construction requirements, calculation of WLL, testing and certification of steel wire rope grommets, cable-laid grommets and cable laid slings using strand and wire rope conforming to prEN 12385-4. The hazards covered by this standard are identified in clause 4. This standard covers ferrule-secured cable-laid slings up to 60mm

prEVS 55511

Tähtaeg: 2003-04-01

Identne prEN 13414-2:2002

**Steel wire rope slings - Safety -  
Part 2: Specification for  
information for use and  
maintenance to be provided by  
the manufacturer**

This Part of EN 13414 specifies the information on use and maintenance to be provided by the manufacturer of wire rope slings

---

53.080

**Laoseadmed**

---

Storage equipment

---

**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 55535

Tähtaeg: 2003-04-01

Identne EN 528:1996/A1:2002

**Rööbastel liikuvad vrnastid ja  
mahatõsturid. Ohutus**

This standard applies to all types of machines, restricted to the rails on which they travel within and outside of aisles, which embody lifting means and may embody lateral handling facilities, for the storage and retrieval of unit loads and/or long goods such as bar materials and/or for order picking or similar duties. Also included is the transfer equipment used to change between aisles. Control of

machines may range from  
automatic to manual

---

55.060

**Äärikpoolid. Koonuspoolid**

---

Spools. Bobbins

---

**UUED STANDARDID**

**EVS-EN 60286-1:2003**

Hind 83,00

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.

**EVS-EN 60286-2:2003**

Hind 101,00

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.

**EVS-EN 60286-3:2003**

Hind 126,00

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.

**EVS-EN 60286-5:2003**

Hind 101,00

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.

---

**55.160**

**Kastid. Karbid. Korvid**

---

Cases. Boxes. Crates

**UUED STANDARDID**

**EVS-EN 60286-4:2003**

Hind 92,00

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.

---

**55.180.20**

**Üldotstarbelised  
kaubaalused**

---

General purpose pallets

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55490

Tähtaeg: 2003-04-01

Identne prEN 13698-1:2002

**Pallet production specification - Part 1: Construction specification for 800 mm x 1200 mm flat wooden pallets**

This European Standard specifies the manufacturing characteristics of a flat re-usable wooden 800 mm x 1200 mm, double deck, non-reversible, 4-way entry, 9 block pallet suitable for transport, storage, handling or exchange use.

It also gives some requirements for manufacture and marking and addresses the issue of safety

prEVS 55491

Tähtaeg: 2003-04-01

Identne prEN 13698-2:2002

**Pallet production specification - Part 2: Construction specification for 1000 mm x 1200 mm flat wooden pallets**

This European Standard specifies the manufacturing characteristics of flat re-usable wooden 1000 mm x 1200 mm, double deck, non-reversible, 4-way entry, 9 block skid and perimeter base pallets suitable for transport, storage, handling or exchange use. It also gives some requirements for manufacture and marking and addresses the issue of safety

---

**59.040**

**Tekstiilitööstuse  
abimaterjalid**

---

Textile auxiliary materials

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 34339

Tähtaeg: 2003-04-01

Identne prEN 13186:2002

**Feather and down - Specification for feather and down filled bedding articles**

This standard applies to new bedding articles, e.g. quilts, of all kinds and sizes, which are solely filled with feathers and/or down

---

**59.140.30**

**Parknahk ja karusnahk**

---

Leather and furs

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 50666

Tähtaeg: 2003-04-01

Identne ISO 3377-2:2002

ja identne EN ISO 3377-2:2002

**Leather - Physical and mechanical tests -**

**Determination of tear load -**

**Part 2: Double edge tear**

This part of ISO 3377 specifies a method for determining the tear strength of leather using a double edged tear. The method is sometimes described as the Baumann tear. It is applicable to all types of leather

prEVS 50668

Tähtaeg: 2003-04-01

Identne ISO 3377-1:2002

ja identne EN ISO 3377-1:2002

**Leather - Physical and mechanical tests -**

**Determination of tear load -**

**Part 1: Single edge tear**

This part of ISO 3377 specifies a method for determining the strength of leather using a single edged tear. The method is sometimes described as a trouser tear. It is applicable to all types of leather

prEVS 50669

Tähtaeg: 2003-04-01

Identne ISO 3378:2002

ja identne EN ISO 3378:2002

**Leather - Physical and mechanical tests -**

**Determination of flex resistance by flexometer method**

This International Standard specifies a method for determining the resistance of leather to grain cracking and for determining the grain crack index. It is applicable to all heavy leathers

prEVS 50670

Tähtaeg: 2003-04-01

Identne ISO 17186:2002

ja identne EN ISO 17186:2002

**Leather - Physical and mechanical tests -**

**Determination of surface coating thickness**

This International Standard specifies a method for determining the thickness of the surface coating applied to leather when measured under zero compression. It is applicable to all types of leather

prEVS 50676

Tähtaeg: 2003-04-01  
Identne ISO 17227:2002  
ja identne EN ISO 17227:2002

**Leather - Physical and mechanical tests - Determination of dry heat resistance of leather**

This International Standard specifies a method of determining the dry heat resistance of conditioned leathers. It is applicable to all leathers  
prEVS 55550

Tähtaeg: 2003-04-01

Identne ISO 14268:2002

ja identne EN ISO 14268:2002

**Leather - Physical and mechanical tests -**

**Determination of water vapour absorption**

This International Standard describes a method for determining the water vapour permeability of leather and provides alternative methods of sample preparation. It is applicable to all leathers below 3,0 mm thickness

prEVS 55551

Tähtaeg: 2003-04-01

Identne ISO 2420:2002

ja identne EN ISO 2420:2002

**Leather - Physical and mechanical tests -**

**Determination of apparent density**

This International Standard specifies a method for determining the apparent density of leather. It is applicable to all heavy leather  
prEVS 55552

Tähtaeg: 2003-04-01

Identne ISO 17229:2002

ja identne EN ISO 17229:2002

**Leather - Physical and mechanical tests -**

**Determination of water vapour absorption**

This International Standard specifies a method for determining the water vapour absorption of leather

prEVS 55553

Tähtaeg: 2003-04-01

Identne ISO 5402:2002

ja identne EN ISO 5402:2002

**Leather - Physical and mechanical tests -**

**Determination of flex resistance by flexometer method**

This International Standard specifies a method for determining the wet or dry flex resistance of leather and finishes applied to leather. It is applicable to all types of leather below 3,0 mm in thickness

prEVS 55555

Tähtaeg: 2003-04-01

Identne ISO 3380:2002

ja identne EN ISO 3380:2002

**Leather - Physical and mechanical tests -**

**Determination of shrinkage temperature up to 100 degrees C**

This International Standard specifies a methods for determination of the shrinkage temperature of leather up to 100°C. It is applicable to all leather

---

## 61.060

### Jalatsid

---

#### Footwear

---

#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 55501

Tähtaeg: 2003-04-01

Identne ISO/DIS 20863:2002

ja identne prEN ISO 20863:2002

**Footwear - Test methods for stiffeners and toepuffs - Bondability**

This draft standard specifies a method for the determination of the bondability of heat activated and solvent activated stiffeners and toepuffs to upper and lining materials

prEVS 55502

Tähtaeg: 2003-04-01

Identne ISO/DIS 20864:2002

ja identne prEN ISO 20864:2002

**Footwear - Test methods for stiffeners and toepuffs -**

**Mechanical characteristics**

This draft International Standard specifies three methods for determining the shape retention properties and compression strength of a domed test specimen. These methods are the following and they are applicable to footwear toepuff and stiffener: Method 1: Applicable to heat activated materials Method 2: Applicable to solvent activated materials Method 3: Applicable to non-thermoplastic fibreboard

---

## 65.060.40

### Taimehooldusseadmed

---

#### Plant care equipment

---

#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 12930

Tähtaeg: 2003-04-01

Identne prEN 13790-1:2002

**Agricultural machinery - Sprayers - Inspection of sprayers in use - Part 1: Field crop sprayers**

This European Standard specifies the requirements and methods of their verification for the inspection of field crop sprayers in use. It relates mainly to the condition of the sprayer in respect of safety hazards for the test operator, the potential risk of environmental contamination and opportunities to achieve good application

prEVS 55508

Tähtaeg: 2003-04-01

Identne prEN 13790-2:2002

**Agricultural machinery - Sprayers - Inspection of sprayers in use - Part 2: Air-assisted sprayers for bush and tree crops**

This European Standard specifies the requirements and methods of their verification for the inspection of airassisted sprayers for bush and tree crops in use. It relates mainly to the condition of the sprayer in respect of safety hazards for the test operator, the potential risk of environmental contamination and opportunities to achieve good application

---

## 67.080.10

### Puuvili ja puuviljatooted

---

#### Fruits and derived products

---

#### UUED STANDARDID

EVS 794:2002

Hind 66,00

Identne EVS 794:2002

**Värsked tsitrusviljad**

Standard käsitleb värskelt tarbimiseks kaubastavate tsitrusviljade kvaliteedi- ja suurusnõudeid ning pakendamist ja märgistamist. Standard ei hõlma töötlemiseks ettenähtud tsitrusvilju. Standard hõlmab järgmiste botaaniliste liikide ja sordirühmade vilju: -sidrunipuu (Citrus limonia (L.) Burmf.), -mandariinipuu (Citrus reticulata Blanco) sortide rühmad: mandariinid, tangeriinid,

satsumamandariinid, klementiinid ja nende hübridid teiste tsitrusviljapuudega, -apelsiinipuu (*Citrus sinensis* Osbeck).

**EVS 796:2002**

Hind 75,00

Identne EVS 796:2002

**Värsked viinamarjad**

Standard käsitleb värskelt kaubastatavat lauaviinamarjade (*Vitis vinifera* L.) kvaliteedi- ja suurusnõudeid ning pakendamist ja märgistamist. Standard ei kehti töötlemiseks ettenähtud lauaviinamarjade kohta.

**EVS 824:2002**

Hind 75,00

Identne EVS 824:2002

**Kreeka pähklid kestad**

Standard käsitleb koos kestadega kaubastatavate kreeka pähklite (*Juglans regia* L.) kvaliteedinõudeid ning pakendamist ja märgistamist. Standard ei kehti töötlemiseks ettenähtud kreeka pähklite kohta.

---

**67.080.20**

**Köögivilja ja köögiviljatooted**

Vegetables and derived products

---

**UUED STANDARDID**

**EVS 692:2002**

Hind 57,00

Identne EVS 692:2002

**Värsked salat**

Standard käsitleb värskelt kaubastatava aedsalati (*Lactuca sativa* L.) sortide ja teisendite *Lactuca sativa* L. var. *capitata* L. (peasalat, kaasa arvatud jääsalat), *Lactuca sativa* L. var. *longifolia* Lam. (rooma (salat) ja nende ristandite kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard käsitleb ka värskelt kaubastatava käharendiiviat (*Cichorium endivia* L. var. *crispum* Lam.) ja eskariooli (*Cichorium endivia* L. var. *latifolia* Lam.) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist.

**EVS 696:2002**

Hind 57,00

Identne EVS 696:2002

**Värsked porrulauk**

Standard käsitleb värskelt kaubastatava porrulaugu (*Allium porrum* L.) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud porrulaugu kohta.

**EVS 698:2002**

Hind 57,00

Identne EVS 698:2002

**Värsked uba**

Standard käsitleb värskelt kaubastatava aedoa (*Phaseolus vulgaris* L.) ja õisoa (*Phaseolus coccineus* L.) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud ubade kohta.

**EVS 705:2002**

Hind 66,00

Identne EVS 705:2002

**Värsked paprika**

Standard käsitleb värskelt kaubastatava paprika (*Capsicum annuum*) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud paprika kohta. Paprikal eristatakse kuju järgi nelja rühma: - pikergused (koonilised); - kandilised (tõmbid); - kandilised teravatipulised (talbjad); - lapikud (tomatipaprika ehk tomatikujuline paprika).

**EVS 789:2002**

Hind 57,00

Identne EVS 789:2002

**Värsked melon**

Standard käsitleb värskelt kaubastatava meloni (*Cucumis melo* L.) kvaliteedi- ja suurusnõudeid ning kaubastamiseks ettevalmistamist, pakendamist ja märgistamist. Standard ei kehti töötlemiseks määratud meloni kohta.

---

**71.100.30**

**Lõhkeained. Pürotehnika**

Explosives. Pyrotechnics

---

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55503

Tähtaeg: 2003-04-01

Identne prEN 13938-2:2002

**Explosives for civil uses - Propellants and rocket propellants - Part 2: Determination of resistance to electrostatic energy**  
This European Standard specifies a method for the determination of resistance to electrostatic energy for propellants containing a mass fraction of at least 5 % of particles which passes through a 1 mm sieve. If this fraction is smaller than 5 %, the sample is considered to be insensitive to electrostatic energy and the method needs not to be performed. This method does not apply to black powder

---

**71.100.80**

**Kemikaalid vee puhastamiseks**

Chemicals for purification of water

---

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55509

Tähtaeg: 2003-04-01

Identne EN 973:2002/prA1:2002

**Chemicals used for treatment of water intended for human consumption - Sodium chloride for regeneration of ion exchangers**

This European Standard is applicable to sodium chloride intended for use only in water treatment apparatus, for the regeneration of ion exchangers, intended for water for human consumption. It describes the characteristics and specifies the requirements and the corresponding test methods for sodium chloride. It gives information on its use in water treatment

---

**73.100.30**

**Puurimis- ja väljamisseadmed**

Equipment for drilling and mine excavation

---

**UUED STANDARDID**

**EVS-HD 371 S1:2003**

Hind 126,00

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.

---

### 75.180.10

#### Uuringu- ja ammutusseadmed

---

Exploratory and extraction equipment

---

#### KAVANDITE ARVAMUSKÜSITLUS

prEVS 55542

Tähtaeg: 2003-04-01

Identne ISO 13625:2002

ja identne EN ISO 13625:2002

**Petroleum and natural gas industries - Drilling and production equipment - Marine drilling riser couplings**

This International Standard specifies requirements and gives recommendations for the design, rating, manufacturing and testing of marine drilling riser couplings  
prEVS 55543

Tähtaeg: 2003-04-01

Identne ISO 15546:2002

ja identne EN ISO 15546:2002

**Petroleum and natural gas industries - Aluminium alloy drill pipe**

This International Standard specifies the technical delivery condition, manufacturing process, material requirements, configuration and dimensions, and verification and inspection procedures for aluminium alloy drill pipes with or without attached steel tool joints for use in drilling and production operations in the petroleum and natural gas industries

prEVS 55548

Tähtaeg: 2003-04-01

Identne ISO 19900:2002

ja identne EN ISO 19900:2002

**Petroleum and natural gas industries - General requirements for offshore structures**

This International Standard specifies general principles for the design and assessment of structures subjected to known or foreseeable types of actions. These general principles are applicable worldwide to all types of offshore structures including bottom-founded structures as well as floating structures and to all types

of materials used including steel, concrete and aluminium

---

### 75.180.20

#### Töötlemisseadmed

---

Processing equipment

---

#### KAVANDITE ARVAMUSKÜSITLUS

prEVS 32042

Tähtaeg: 2003-04-01

Identne ISO 10442:2002

ja identne EN ISO 10442:2002

**Petroleum, chemical and gas service industries - Packaged, integrally geared centrifugal air compressors**

This International Standard specifies requirements and gives recommendations for the design, materials, fabrication, inspection, testing and preparation for shipment of constant-speed, packaged, integrally geared centrifugal air compressors, including their accessories, for use in the petroleum, chemical and gas service industries

---

### 75.200

#### Nafta, naftasaaduste ja maagaasi transpordi seadmed

---

Petroleum products and natural gas handling equipment

---

#### KAVANDITE ARVAMUSKÜSITLUS

prEVS 55525

Tähtaeg: 2003-04-01

Identne prEN 13760:2002

**Automotive LPG filling system for light and heavy duty vehicles - Nozzle, test requirements and dimensions**

This European Standard specifies the minimum design, construction, test requirements and the critical dimensions for filling nozzles for the dispensing of automotive Liquefied Petroleum Gas (LPG) to vehicles of categories M and N, as defined in EC Directive 70/156, that are fitted with the Euro filling unit (light duty or heavy duty)  
prEVS 55544

Tähtaeg: 2003-04-01

Identne ISO 14692-1:2002

ja identne EN ISO 14692-1:2002

**Petroleum and natural gas industries - Glass-reinforced plastics (GRP) piping - Part 1: Vocabulary, symbols, applications and materials**

This part of ISO 14692 gives the terms, definitions and symbols used in the specification, manufacture, testing and installation of glass-reinforced plastics (GRP) piping installations associated with offshore applications on both fixed and floating topsides facilities for oil and gas industry production and processing  
prEVS 55545

Tähtaeg: 2003-04-01

Identne ISO 14692-2:2002

ja identne EN ISO 14692-2:2002

**Petroleum and natural gas industries - Glass-reinforced plastics (GRP) piping - Part 2: Qualification and manufacture**

This part of ISO 14692 gives requirements for the qualification and manufacture of GRP piping and fittings in order to enable the purchase of GRP components with known and consistent properties from any source  
prEVS 55546

Tähtaeg: 2003-04-01

Identne ISO 14692-3:2002

ja identne EN ISO 14692-3:2002

**Petroleum and natural gas industries - Glass-reinforced plastics (GRP) piping - Part 3: System design**

This part of ISO 14692 gives guidelines for the design of GRP piping systems. The requirements and recommendations apply to layout dimensions, hydraulic design, structural design, detailing, fire endurance, spread of fire and emissions and control of electrostatic discharge  
prEVS 55547

Tähtaeg: 2003-04-01

Identne ISO 14692-4:2002

ja identne EN ISO 14692-4:2002

**Petroleum and natural gas industries - Glass-reinforced plastics (GRP) piping - Part 4: Fabrication, installation and operation**

This part of ISO 14692 gives requirements and recommendations for the fabrication, installation and operation of GRP piping systems for use in oil and natural gas industry processing and utility service applications

---

**77.140**  
**Malm- ja terastooted**

---

**Iron and steel products**

---

**KAVANDITE**  
**ARVAMUSKÜSITLUS**

prEVS 55484

Tähtaeg: 2003-04-01

Identne prEN 10108:2002

**Round steel rod for cold heading and cold extrusion - Dimensions and tolerances**

This European Standard specifies the dimensions, the tolerances, the nominal cross-sections and the nominal masses of the round rod used for cold heading and cold extrusion. This European standard concerns the round rod in non alloy and alloy steel grades specified in European Standard EN 10263 part 1 to 5

prEVS 55485

Tähtaeg: 2003-04-01

Identne prEN 10017:2002

**Steel rod for drawing and/or cold rolling - Dimensions and tolerances**

This European Standard specifies the dimensions, the tolerances, the nominal cross-section and the nominal mass of steel rod for drawing. This European Standard concerns round, square, rectangular and hexagonal rod in steel grades specified in European Standard

---

**77.140.01****Malm- ja terastooted üldiselt**

---

**Iron and steel products in general**

---

**KAVANDITE**  
**ARVAMUSKÜSITLUS**

prEVS 36896

Tähtaeg: 2003-04-01

Identne prEN 10025-2:2002

**Hot rolled products of structural steels - Part 2: Technical delivery conditions for non-alloy structural steels**

Part 2 of this European Standard, in addition to part 1, specifies the technical delivery conditions for flat and long products and semi-finished products which are meant for further processing to flat and long products of hot rolled non-alloy quality steels in the grades and qualities given in tables 2 to 6 (chemical composition) and tables

7 to 9 (mechanical properties) in the delivery conditions as given in 6.3. Three engineering steels are also specified in this European Standard (see tables 3 and 5) (chemical composition) and table 8 (mechanical properties)

---

**77.150.10****Alumiiniumtotoed**

---

**Aluminium products**

---

**KAVANDITE**  
**ARVAMUSKÜSITLUS**

prEVS 55543

Tähtaeg: 2003-04-01

Identne ISO 15546:2002

**ja identne EN ISO 15546:2002 Petroleum and natural gas industries - Aluminium alloy drill pipe**

This International Standard specifies the technical delivery condition, manufacturing process, material requirements, configuration and dimensions, and verification and inspection procedures for aluminium alloy drill pipes with or without attached steel tool joints for use in drilling and production operations in the petroleum and natural gas industries

---

**79.040****Puit, saepalgid ja saepuit**

---

**Wood, sawlogs and sawn timber**

---

**KAVANDITE**  
**ARVAMUSKÜSITLUS**

prEVS 40106

Tähtaeg: 2003-04-01

Identne prEN 13556:2002

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

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

prEVS 55709

Tähtaeg: 2003-04-01

Identne prEN 384:2002

**Ehituspuit. Mehaaniliste omaduste ja tiheduse normväärtuste määramine**

This standard gives a method for determining characteristic values of mechanical properties and density, for defined populations of timber of visual and/or mechanical stress grades. A method is also given for checking the strength of a timber

sample against its designated code value

---

**79.080****Puitpooltotoed**

---

**Semi-manufactures of timber**

---

**KAVANDITE**  
**ARVAMUSKÜSITLUS**

prEVS 50547

Tähtaeg: 2003-04-01

Identne EN 13647:2002

**Wood and parquet flooring and wood panelling and cladding - Determination of geometrical characteristics**

This European Standard specifies methods of measuring the geometrical characteristics of wood and parquet flooring and wood panelling and cladding elements. This European Standard does not specify sampling, which is intended to be found in the product standards or test methods and it does not apply to elements which are installed

prEVS 50675

Tähtaeg: 2003-04-01

Identne EN 13629:2002

**Wood flooring - Solid pre-assembled hardwood board**

This European standard specifies the characteristics of solid pre-assembled hardwood boards with grooves and/or tongues for internal use as flooring. This standard covers solid hardwood pre-assembled boards with or without surface treatment

---

**83.140.30****Plastiktorud, liitmikud, ventiilid**

---

**Plastic pipes, fittings and valves**

---

**KAVANDITE**  
**ARVAMUSKÜSITLUS**

prEVS 55544

Tähtaeg: 2003-04-01

Identne ISO 14692-1:2002

ja identne EN ISO 14692-1:2002

**Petroleum and natural gas industries - Glass-reinforced plastics (GRP) piping - Part 1: Vocabulary, symbols, applications and materials**

This part of ISO 14692 gives the terms, definitions and symbols used in the specification, manufacture, testing and installation of glass-reinforced plastics (GRP) piping installations associated with offshore applications on both fixed and floating topsides facilities for oil and gas industry production and processing

prEVS 55545

Tähtaeg: 2003-04-01

Identne ISO 14692-2:2002

ja identne EN ISO 14692-2:2002

**Petroleum and natural gas industries - Glass-reinforced plastics (GRP) piping - Part 2: Qualification and manufacture**

This part of ISO 14692 gives requirements for the qualification and manufacture of GRP piping and fittings in order to enable the purchase of GRP components with known and consistent properties from any source

prEVS 55546

Tähtaeg: 2003-04-01

Identne ISO 14692-3:2002

ja identne EN ISO 14692-3:2002

**Petroleum and natural gas industries - Glass-reinforced plastics (GRP) piping - Part 3: System design**

This part of ISO 14692 gives guidelines for the design of GRP piping systems. The requirements and recommendations apply to layout dimensions, hydraulic design, structural design, detailing, fire endurance, spread of fire and emissions and control of electrostatic discharge

prEVS 55547

Tähtaeg: 2003-04-01

Identne ISO 14692-4:2002

ja identne EN ISO 14692-4:2002

**Petroleum and natural gas industries - Glass-reinforced plastics (GRP) piping - Part 4: Fabrication, installation and operation**

This part of ISO 14692 gives requirements and recommendations for the fabrication, installation and operation of GRP piping systems for use in oil and natural gas industry processing and utility service applications

---

**83.180**

**Liimid**

---

**Adhesives**

---

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 50672

Tähtaeg: 2003-04-01

Identne prEN 1939:2002

**Self adhesive tapes -**

**Determination of peel adhesion properties**

This European Standard specifies a series of methods for the determination of peel adhesion properties of self adhesives tapes

---

**85.060**

**Paber ja papp**

---

**Paper and board**

---

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55554

Tähtaeg: 2003-04-01

Identne EN 644:1999

**Paper - Untrimmed sizes -**

**Primary range and supplementary range designation and tolerances, expression of direction of manufacture**

This European Standard specifies a primary range and a supplementary range of untrimmed sizes for paper in sheets which are to be trimmed to the ISO-A Series of sizes as given in EN 20216 and establishes a system of designation of untrimmed sizes

---

**87.100**

**Värvimisvahendid**

---

**Paint coating equipment**

---

**UUED STANDARDID**

**EVS-EN 50059:2003**

Hind 92,00

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.

**EVS-EN 50053-1:2003**

Hind 66,00

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.

**EVS-EN 50053-2:2003**

Hind 75,00

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.

**EVS-EN 50053-3:2003**

Hind 75,00

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.

---

## 91.010.30

### Tehnilised aspektid

---

#### Technical aspects

### KAVANDITE ARVAMUSKÜSITLUS

prEVS 53988

Tähtaeg: 2003-03-01

Identne EVS 835:2003

**Kinnistu veevärgi**

**projekteerimine**

prEVS 54003

Tähtaeg 2003-03-03

Identne EVS-EN 1991-1-2:2003

**Eurokoodeks 1:**

**Ehituskonstruksioonide**

**koormused. Osa 1-2:**

**Üldkoormused.**

**Tulekahjukoormus**

prEVS 54055

Tähtaeg: 2003-03-03

Identne: EVS-EN 1991-1-3:2003

Eurokoodeks 1:

**Ehituskonstruksioonide**

**koormused. Osa 1-3:**

**Üldkoormused. Lumekoormus**

---

## 91.060.20

### Katused

---

#### Roofs

### KAVANDITE ARVAMUSKÜSITLUS

prEVS 54031

Tähtaeg:2003-03-03

Identne EVS 838:2003

**Katused**

### UUED STANDARDID

**EVS-EN 60335-2-83:2003**

Hind 101,00

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.

---

## 91.060.50

### Uksed ja aknad

---

#### Doors and windows

### KAVANDITE ARVAMUSKÜSITLUS

prEVS 35591

Tähtaeg: 2003-04-01

Identne prEN 12412-2:2002

**Thermal performance of windows, doors and shutters - Determination of thermal transmittance by hot box method - Part 2: Frames**

This European Standard specifies a method, based on EN ISO 8990 and EN ISO 12567-1, to measure the thermal transmittance of frame and sash components of windows and doors, including mullions and transoms. The thermal bridging effect of window or door components (handles, hinges, closing devices, etc.) is included

prEVS 38765

Tähtaeg: 2003-04-01

Identne prEN 12412-4:2002

**Thermal performance of windows, doors and shutters - Determination of thermal transmittance by hot box method - Part 4: Roller shutter boxes**

This European Standard specifies a method, based on EN ISO 8990 and EN ISO 12567-1, to measure the overall thermal transmittance of a roller shutter box in a hot box.

This includes all effects of geometrical and material characteristics in a test specimen

prEVS 55419

Tähtaeg: 2003-03-03

Identne EVS 871:2003

**Tuletõkke- ja evakuatsiooni avatäited ja sulused. Kasutus**

---

## 91.080

### Ehituskonstruksioonid

---

#### Structures of building

### KAVANDITE ARVAMUSKÜSITLUS

prEVS 54002

Tähtaeg 2003-03-03

Identne EVS 1994-1-2:2003

**Komposiitkonstruksioonid.**

**Osa 1-2: Tulepüvisus**

---

## 91.100.01

### Ehitusmaterjalid üldiselt

---

#### Construction materials in general

### KAVANDITE ARVAMUSKÜSITLUS

prEVS 29796

Tähtaeg: 2003-04-01

Identne ISO 15148:2002

ja identne EN ISO 15148:2002

**Hygrothermal performance of building materials and products - Determination of water absorption coefficient by partial immersion**

This European Standard specifies a method for determining, by partial immersion with no temperature gradient, the short-term liquid water absorption coefficient. It is intended to assess the rate of absorption of water, by capillary action from continuous or driving rain during on site storage or construction, by insulating and other materials, which are normally protected. The method is suitable for renders or coatings tested in conjunction with the substrate on which they are normally mounted

---

## 91.100.10

### Tsement. Kips. Lubi. Mört

---

#### Cement. Gypsum. Lime. Mortar

### KAVANDITE ARVAMUSKÜSITLUS

prEVS 32710

Tähtaeg: 2003-04-01

Identne prEN 196-8:2002

**Methods of testing cement - Part 8: Heat of hydration - Solution method**

This European Standard describes a method of determining the heat of hydration of cements by means of solution calorimetry, also known as the solution method. The heat of hydration is expressed in joules per gram of cement

prEVS 32748

Tähtaeg: 2003-04-01

Identne prEN 196-9:2002

**Methods of testing cement - Part 9: Heat of hydration - Semiadiabatic method**

This European Standard describes a method of measuring the heat of hydration of cements by means of semi-adiabatic calorimetry, also known as the Langavant method. The aim of the test is the continuous measurement of the heat of hydration of cement during the first few days. The heat of hydration is expressed in joules per gram of cement  
prEVS 55492

Tähtaeg: 2003-04-01

Identne prEN 13892-7:2002

**Methods of test for screed materials - Part 7:**

**Determination of wear resistance to rolling wheel of screed material with floor coverings**

This European Standard specifies a method for determining the resistance to a loaded rolling wheel on moulded mortar specimens made from cementitious screed-calcium sulfate screed-, asphalt screed-, magnesite screed-, and synthetic resin screed material with a floor covering  
prEVS 55493

Tähtaeg: 2003-04-01

Identne prEN 13892-5:2002

**Methods of test for screed materials - Part 5:**

**Determination of wear resistance to rolling wheel of screed material for wearing layer**

This European Standard specifies a method for determining the wear resistance to a heavily loaded rolling wheel on moulded mortar specimens made from cementitious screed- and synthetic resin screed material or optionally for other screed materials for wearing surface

---

### 91.100.15

#### **Mineraalsed materjalid ja tooted**

---

Mineral materials and products

---

#### **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 21834

Tähtaeg: 2003-04-01

Identne prEN 1469:2002

**Natural stone products - Slabs for cladding - Requirements**

This European Standard specifies requirements for flat slabs of natural stone which are made for use as cladding and ceiling finishes. It does not cover aggregates and artificially agglomerated stony material and does not cover installation for cladding  
prEVS 26252

Tähtaeg: 2003-04-01

Identne prEN 12058:2002

**Natural stone products - Slabs for floors and stairs - Requirements**

This European Standard specifies requirements for flat natural stone slabs fabricated for use as floor and stair coverings. It does not cover mineral aggregates and artificial agglomerated stone material and does not cover installation  
prEVS 26256

Tähtaeg: 2003-04-01

Identne prEN 12057:2002

**Natural stone products - Modular tiles - Requirements**

This European Standard specifies requirements for flat modular tiles of natural stone which are made for use as flooring, stairs, cladding and ceiling finishes. It does not cover mineral aggregates and artificial agglomerated stone material and does not cover installation

---

### 91.100.30

---

#### **Betoon ja betoontooted**

---

Concrete and concrete products

---

#### **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 20372

Tähtaeg 2003-03-03

Identne EVS 858:2003

Betoonist äärekiivid. Nõuded ja katsemeetodid

---

### 91.120.10

#### **Soojusisolatsioon**

---

Thermal insulation

---

#### **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 38766

Tähtaeg: 2003-04-01

Identne prEN 13363-1:2002

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

This European Standard specifies a simplified method based on the thermal transmittance and total solar energy transmittance of the glazing and on the light transmittance and reflectance of the solar protection device to estimate the total solar energy transmittance of a solar protection device combined with glazing  
prEVS 40154

Tähtaeg: 2003-04-01

Identne ISO/FDIS 15927-1:2002

ja identne prEN ISO 15927-1:2002

**Hygrothermal performance of buildings - Calculation and presentation of climatic data - Part 1: Monthly and annual means of single meteorological elements**

This European Standard specifies procedures for calculating and presenting the monthly means of those parameters of climatic data needed to assess some aspects of the thermal and moisture performance of buildings. Numerical values for any locations should be obtained from the meteorological service in the relevant country  
prEVS 55719

Tähtaeg: 2003-04-01

Identne prEN 14315-2:2002

**Thermal insulating products for buildings - In-situ formed sprayed rigid polyurethane foam (PUR) products - Part 2: Specification for the installed products**

This European standard specifies requirements for in-situ formed sprayed rigid polyurethane foam (PUR) products when applied to walls, ceilings, roofs, suspended ceilings and floors

---

### 91.120.30

#### **Niiskuskaitse**

---

Waterproofing

---

#### **KAVANDITE ARVAMUSKÜSITLUS**

prEVS 40154

Tähtaeg: 2003-04-01

Identne ISO/FDIS 15927-1:2002

ja identne prEN ISO 15927-1:2002

**Hygrothermal performance of buildings - Calculation and presentation of climatic data - Part 1: Monthly and annual means of single meteorological elements**

This European Standard specifies procedures for calculating and presenting the monthly means of those parameters of climatic data needed to assess some aspects of the thermal and moisture performance of buildings. Numerical values for any locations should be obtained from the meteorological service in the relevant country

**91.120.40  
Piksekaitse**

**Lightning protection**

**UUED STANDARDID**

**EVS-IEC 61024-1:2003**

Hind 139,00

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.

**EVS-IEC 61024-1-1:2003**

Hind 130,00

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.

**EVS-IEC 61024-1-2:2003**

Hind 306,00

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

**91.140.10  
Keskküttesüsteemid**

**Central heating systems**

**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 54046

Tähtaeg 2003-03-03

Identne EVS 844:2003

**Hoonete kütte projekteerimine**

prEVS 55507

Tähtaeg: 2003-04-01

Identne prEN 442-3:2002

**Radiators and convectors -  
Part 3: Evaluation of conformity**

This European Standard specifies the procedures for evaluating the conformity of radiators/convectors to EN 442-1. It specifies the procedures and methods for the initial evaluation and the controls required to maintain conformity

**91.140.30  
Ventilatsiooni- ja  
kliimasüsteemid**

**Ventilation and air-  
conditioning systems**

**KAVANDITE  
ARVAMUSKÜSITLUS**

prEVS 54047

Tähtaeg 2003-03-03

Identne EVS 845-1:2003

**Hoonete ventilatsiooni  
projekteerimine. Osa 1:**

**Üldnõuded**

prEVS 54048

Tähtaeg 2003-03-03

Identne EVS 845-2:2003

**Hoonete ventilatsiooni  
projekteerimine. Osa 2:**

**Ventilatsiooniseadmete valik**

prEVS 54049

Tähtaeg 2003-03-03

Identne EVS 845-3:2003

**Hoonete ventilatsiooni  
projekteerimine. Osa 3:**

**Erinõuded**

prEVS 55655

Tähtaeg: 2003-03-01

Identne IEC 60335-2-88:2002

ja identne EN 60335-2-88:2002

**Safety of household and similar  
electrical appliances - Part 2:  
Particular requirements for  
humidifiers intended for use  
with heating, ventilation or air  
conditioning systems**

This standard deals with the safety of electric humidifiers intended for use with heating, ventilation, or air-conditioning systems in household, commercial, and light industrial applications (and may include large stand-alone commercial equipment) which operate according to the evaporative or atomization system, water-injection, steam and the like, their rated voltage being not more than 250 V for single-phase appliances and 600 V for all other appliances.

**91.140.50  
Elektrivarustussüsteemid**

**Electricity supply systems**

**UUED STANDARDID**

**EVS-HD 193 S2:2003**

Hind 66,00

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.

**EVS-HD 384.4.473 S1:2003**

Hind 117,00

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.

**EVS-HD 384.5.54 S1:2003**

Hind 146,00

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.

**EVS-HD 384.7.703 S1:2003**

Hind 75,00

Identne IEC 60364-7-703:1984

ja identne HD 384.7.703 S1:1991

**Electrical installations of buildings; part 7: requirements for special installations or locations; section 703: locations containing sauna heaters**

Applies to locations in which sauna heating equipment according to IEC Publication 60335-2-53, Safety of Household and Similar Electric Appliances, Part 2: Particular Requirements for Electric Heating Appliances for Saunas, is installed and exclusively reserved for such use.

**EVS-HD 384.7.705 S1:2003**

Hind 75,00

Identne IEC 60364-7-705:1984

ja identne HD 384.7.705 S1:1991

**Electrical installations of buildings; part 7: requirements for special installations or locations; section 705: electrical installations of agricultural and horticultural premises**

Applies to all parts of fixed installations of agricultural and horticultural premises outdoors and indoors and to locations where livestock are kept (such as stables, chicken-houses, piggeries, feed-processing locations, lofts and storages for hay, straw and fertilisers).

**EVS-HD 384.7.706 S1:2003**

Hind 83,00

Identne IEC 60364-7-706:1983

ja identne HD 384.7.706 S1:1991

**Electrical installations of buildings; part 7: requirements for special installations or locations; section 706: restrictive conducting locations**

Applies to installations for restrictive conducting locations and to the supply to apparatus within the locations,

**EVS-HD 384.7.714 S1:2003**

Hind 101,00

Identne IEC 60364-7-714:1996

ja identne HD 384.7.714 S1:2000

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

**Requirements for special installations or locations - Section 714: Outdoor lighting installations**

Deals with fixed external lighting installations. The requirements apply particularly to lighting installations e.g. for roads, parks, gardens, public places, sporting areas, illumination of monuments and flood lighting, and other equipment incorporating lighting such as telephone kiosks, bus shelters, advertising panels, town maps, road signs. Note: External lighting comprises luminaires, wiring system and accessories located outside buildings.

**EVS-HD 384.7.753 S1:2003**

Hind 83,00

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.

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55558

Tähtaeg: 2003-04-01

Identne IEC 60364-1:2001

**Ehitiste madalpinge-elektripaigaldised. Osa 1: Põhialused, üldiseloostus, määratlused**

Applies to electrical installations such as those of: a)residential premises b)commercial premises c)public premises d)industrial premises e)agricultural and horticultural premises f)prefabricated buildings g)caravans, caravan sites and similar sites h)construction sites, exhibitions, fairs and other temporary installations. i)marinas and pleasure craft Covers: a)circuits supplied at nominal voltages up to and including 1000 V a.c. or 1500 V d.c. b)circuits, other than the internal wiring of apparatus, operating at voltages exceeding 1000 V and derived from an installation having a voltage not exceeding 1 000 V a.c., e.g. discharge lighting, electrostatic precipitators c)any wiring not specifically covered by the standards for appliances d)all consumer installations external to buildings; e)fixed wiring for telecommunication, signalling, control and the like (excluding internal wiring of apparatus) f)the extension or alteration of the installation and also parts of the existing installation affected by the extension or alteration. Does not apply to: a)electric traction equipment b)electrical equipment of motor vehicles c)electrical installations on board ships d)electrical installations in aircraft e)public street-lighting installations f)installations in mines g)radio interference suppression equipment, except in so far as it affects the installation's safety h)electric fences i)lightning protection of buildings. This standard is not intended to apply to: -systems for distribution of energy to the public, or -power generation and transmission for su prEVS 55559

Tähtaeg: 2003-04-01

Identne IEC 61140:2001

ja identne EN 61140:2002

**Kaitse elektrilõõgi eest.**

Üldnõuded paigaldistele ja seadmetele

Applies to the protection of persons and animals against electric shock. It is intended to give fundamental principles and requirements which are common to electrical installations, systems and equipment or necessary for their co-ordination. Prepared for installations, systems and equipment without a voltage limit. NOTE - There are some clauses in this standard which refer to low-voltage and high-voltage systems, installations and equipment. For the purpose of this standard, low-voltage is any rated voltage up to and including 1 000 V a.c. or 1 500 V d.c. High voltage is any rated voltage exceeding 1 000 V a.c. or 1 500 V d.c. The requirements prEVS 55708  
Tähtaeg: 2003-03-01  
Identne IEC 60364-5-523:1999 ja identne HD 384.5.523 S2:2001  
**Electrical installations of buildings - Part 5: Selection and erection of electrical equipment - Section 523: Current-carrying capacities in wiring systems**  
Deals with the selection and erection of wiring systems.

---

## 91.140.60

### Veevarustussüsteemid

---

#### Water supply systems

---

#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 53988

Tähtaeg: 2003-03-01

Identne EVS 835:2003

**Kinnistu veevärgi projektteerimine**

---

## 91.140.65

### Veesoendussüsteemid

---

#### Water heating equipment

---

#### UUED STANDARDID

EVS-EN 60335-2-21:2001/A12:2003

Hind 49,00

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.

EVS-HD 500 S1:2003

Hind 109,00

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

---

## 91.140.90

### Liftid. Eskalaatorid

---

#### Lifts. Escalators

---

#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 27313

Tähtaeg: 2003-04-01

Identne prEN 12158-1:1999

**Builders hoists for goods -**

**Part 1: Hoists with accessible platforms**

This standard deals with power operated temporarily installed builders hoists intended for use by persons who are permitted to enter sites of engineering and construction, serving defined landing levels, having a load carrying device: - designed for the transportation of goods only; - guided

---

## 91.160.20

### Välisvalgustus

---

#### Exterior building lighting

---

#### UUED STANDARDID

EVS-HD 384.7.714 S1:2003

Hind 101,00

Identne IEC 60364-7-714:1996

ja identne HD 384.7.714 S1:2000

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

**Requirements for special installations or locations - Section 714: Outdoor lighting installations**

Deals with fixed external lighting installations. The requirements apply particularly to lighting installations e.g. for roads, parks, gardens, public places, sporting areas, illumination of monuments and flood lighting, and other equipment incorporating lighting such as telephone kiosks, bus shelters, advertising panels, town maps, road signs. Note: External lighting comprises luminaires, wiring system and accessories located outside buildings.

---

## 93.080.20

### Teedehitusmaterjalid

---

#### Road construction materials

---

#### KAVANDITE

#### ARVAMUSKÜSITLUS

prEVS 55514

Tähtaeg: 2003-04-01

Identne EN 1423:1997/prA1:2002

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

This European Standard lists commercial hardwood and softwood timbers used in Europe prEVS 55516

Tähtaeg: 2003-04-01

Identne prEN 13880-4:2002

**Hot applied joint sealants - Part 4: Test method for the determination of heat resistance - Change in penetration value**

This European Standard describes a method for determining the effects of storage at elevated temperatures on samples of hot applied joint sealants by comparing the cone penetration and resilience values before and after storage prEVS 55517

Tähtaeg: 2003-04-01

Identne prEN 13880-5:2002

**Hot applied joint sealants -**



**Part 5: Test method for the determination of flow resistance**

This European Standard describes a method for determining the flow resistance of hot applied joint sealants

prEVS 55518

Tähtaeg: 2003-04-01

Identne prEN 13880-7:2002

**Hot applied joint sealants -**

**Part 7: Function testing of joint sealants**

This European Standard describes a function test for joint sealants intended for use in construction joints as well as in spontaneously formed cracks in road and airfield pavements

prEVS 55519

Tähtaeg: 2003-04-01

Identne prEN 13880-8:2002

**Hot applied joint sealants -**

**Part 8: Test method for the determination of the change in weight of fuel resistance joint sealants after fuel immersion**

This European Standard describes a method for determining the joint sealant resistance to fuel spillage by calculating the change in mass (if any), after immersion in the standard reference fuel

prEVS 55520

Tähtaeg: 2003-04-01

Identne prEN 13880-9:2002

**Hot applied joint sealants -**

**Part 9: Test method for the determination of compatibility with asphalt pavements**

Hot applied joint sealants - Part 9: Test method for the determination of compatibility with asphalt pavements

prEVS 55521

Tähtaeg: 2003-04-01

Identne prEN 13880-10:2002

**Hot applied joint sealants -**

**Part 10: Test method for the determination of adhesion and cohesion following continuous extension and compression**

This European Standard describes a method for determining the adhesion and cohesion characteristics of hot applied joint sealant specimens following continuous extension and compression bond testing

prEVS 55522

Tähtaeg: 2003-04-01

Identne prEN 13880-11:2002

**Hot applied joint sealants -**

**Part 11: Test method for the preparation of asphalt test blocks used in the function test and for the determination of compatibility with asphalt pavements**

This European Standard describes a method for preparing asphalt blocks intended for testing of joint sealants according to prEN 13880-7 and prEN 13880-9

prEVS 55523

Tähtaeg: 2003-04-01

Identne prEN 13880-13:2002

**Hot applied joint sealants -**

**Part 12: Test method for the manufacture of concrete test blocks for bond testing (recipe methods)**

This European Standard describes a method for the manufacture of concrete test blocks for joint sealant bond testing. The requirements of this European Standard are applicable to concrete test blocks with a maximum aggregate size of 16 mm to 20 mm or with a maximum aggregate size of 4,0 mm

prEVS 55524

Tähtaeg: 2003-04-01

Identne prEN 13880-13:2002

**Hot applied joint sealants -**

**Part 13: Test method for the determination of the discontinuous extension (adherence test)**

This European Standard describes a method for determining the cohesive extensibility and the adhesion to concrete of hot applied sealant-systems with or without priming simulating the moving of concrete pavement slabs during cooling conditions in wintertime

---

**93.120**

**Lennujaamade ehitus**

---

**Construction of airports**

---

**KAVANDITE**

**ARVAMUŠKÜSITLUS**

prEVS 55685

Tähtaeg: 2003-03-01

Identne IEC 61821:2002

ja identne EN 61821:2003

**Electrical installations for lighting and beaconing of aerodromes - Maintenance of aeronautical ground lighting constant current series circuits**

This International Standard applies to the maintenance of AGL constant current series circuits. This International Standard covers constant current series circuits for AGL installed at aerodromes and heliports; concentrates on providing the safety requirements for the maintenance of an AGL constant current series circuit. It is recognised that AGL constant current series circuits of different design characteristics and parameters are in existence; is mainly concerned with safety to persons by specifying the rules and fundamental principles for the maintenance of AGL constant current series circuits; is not intended to apply to AGL primary series circuits supplied directly from a mains constant voltage source; is not intended to be used for public street lighting, roadway lighting or any other installation requiring the use of constant current series circuits.

---

**97.030**

**Elektrilised kodumasinad**

---

Domestic electrical appliances in general

---

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55655

Tähtaeg: 2003-03-01

Identne IEC 60335-2-88:2002

ja identne EN 60335-2-88:2002

**Safety of household and similar electrical appliances - Part 2: Particular requirements for humidifiers intended for use with heating, ventilation or air conditioning systems**

This standard deals with the safety of electric humidifiers intended for use with heating, ventilation, or air-conditioning systems in household, commercial, and light industrial applications (and may include large stand-alone commercial equipment) which operate according to the evaporative or atomization system, water-injection, steam and the like, their rated voltage being not more than 250 V for single-phase appliances and 600 V for all other appliances.

---

**97.040.20****Pliidid, töölaudad, ahjud  
jms**

---

Cooking ranges, working  
tables, ovens and similar  
appliances

---

**UUED STANDARDID**

EVS-EN 60335-2-9:2001/

A12:2003

Hind 49,00

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.

**KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 55652

Tähtaeg: 2003-03-01

Identne IEC 60335-2-36:2002

ja identne EN 60335-2-36:2002

**Safety of household and similar  
electrical appliances - Part 2:**

**Particular requirements for  
commercial electric cooking  
ranges, ovens, hobs and hob  
elements**

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

---

**97.040.50****Köögi väikevahendid**

---

Small kitchen appliances

---

**UUED STANDARDID**

EVS-EN 60335-2-9:2001/

A12:2003

Hind 49,00

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.

**KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 55651

Tähtaeg: 2003-03-01

Identne IEC 60335-2-35:2002

ja identne EN 60335-2-35:2002

**Safety of household and similar  
electrical appliances - Part 2:**

**Particular requirements for  
instantaneous water heaters**

This standard deals with the safety  
of electric instantaneous water  
heaters for household and similar  
purposes and intended for heating  
water below boiling temperature,  
their rated voltage being not more  
than 250 V for single-phase  
appliances and 480 V for other  
appliances. Note 1 - Instantaneous  
water heaters incorporating bare  
heating elements are within the  
scope of this standard.

prEVS 55653

Tähtaeg: 2003-03-01

Identne IEC 60335-2-37:2002

ja identne EN 60335-2-37:2002

**Safety of household and similar  
electrical appliances - Part 2:**

**Particular requirements for  
commercial electric deep fat  
fryers**

Deals with the safety of electrical  
air-cleaning appliances for  
household and similar purposes,  
whose rated voltages is not more  
than 250 V for single-phase  
appliances and 480 V for other  
appliances. Is to be used in  
conjunction with IEC 335-1 (third  
edition).

---

**97.060****Pesumajade sisseseade**

---

Laundry appliances

---

**KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 55649

Tähtaeg: 2003-03-01

Identne IEC 60335-2-

3:2002+corr.:2002

ja identne EN 60335-2-3:2002

**Safety of household and similar  
electrical appliances - Part 2:**

**Particular requirements for  
electric irons**

Deals with the safety of electric dry  
irons and steam irons, including  
those with a separate water  
reservoir or boiler having a  
capacity not exceeding 5 l, for  
household and similar purposes,  
their rated voltage being not more  
than 250 V.

---

**97.100.10****Elektriga köetavad  
kütteseadmed**

---

Electric heaters

---

**UUED STANDARDID**

EVS-EN 60299:2003

Hind 92,00

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.

**KAVANDITE****ARVAMUSKÜSITLUS**

prEVS 55656

Tähtaeg: 2003-03-01

Identne IEC 60335-2-96:2002

ja identne EN 60335-2-96:2002

**Safety of household and similar  
electrical appliances - Part 2-96:  
Particular requirements for  
flexible sheet heating elements  
for room heating**

Deals with the safety of flexible  
sheet heating elements. These are  
incorporated into a building to heat  
rooms. The rated voltage is less  
than 250 V for single-phase  
installations and 480 V for other  
installations. For heated blankets  
and pads, see IEC 60335-2-17. For  
heated mats and foot warmers, see  
IEC 60335-2-81. This standard  
does not cover under-carpet  
heaters, nor flexible heating  
elements incorporated in other  
appliances.

---

97.120

**Majapidamisautomaatika**

---

Automatic controls for household use

---

**UUED STANDARDID**

**EVS-EN 60730-2-19:2003**

Hind 179,00

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.

---

97.180

**Mitmesugused kodutarbed**

---

Miscellaneous domestic and commercial equipment

---

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55494

Tähtaeg: 2003-04-01

Identne EN 1783:1997/A1:2002

**Tuletikud. Kvaliteedinõuded, ohutus ja liigitus**

This European Standard specifies requirements for the safety,

performance, classification and marking of matches, together with their match containers, available to the general public free of charge or in return for payment

---

97.190

**Seadmed lastele**

---

Equipment for children

---

**KAVANDITE**

**ARVAMUSKÜSITLUS**

prEVS 55500

Tähtaeg: 2003-04-01

Identne prEN 1273:2002

**Child care articles - Baby walking frames - Safety requirements and test methods**

This European Standard specifies safety requirements and test methods for baby walking frames into which a child is placed, and intended to be used from when the child is able to sit up by itself until the child is able to walk by itself. This European standard does not apply to baby walking frames which remain immobile during use, to baby walking frames for therapeutic and curative purposes and to those baby walking frames relying on inflatable parts to support the child

---

97.200.30

**Matkavarustus ja laagrikohad**

---

Camping equipment and camp-sites

---

**UUED STANDARDID**

**EVS-HD 384.7.708 S1:2003**

Hind 130,00

Identne IEC 60364-7-708:1988

ja identne HD 384.7.708 S1:1992  
**Electrical installations of buildings; part 7: requirements for special installations or locations; section 708: electrical installations in caravan parks and caravans**

The requirements of Part 7 supplement, modify or annul the general requirements of the other parts of IEC 60364. Also supersedes IEC 60585-1 (1977).

---

97.200.50

**Mänguasjad**

---

Toys

---

**UUED STANDARDID**

**EVS-EN 60598-2-10:2003**

Hind 109,00

Identne IEC 60598-2-10:1987+

A1:1990+A2:1995

ja identne EN 60598-2-10:1989+

A1:1991+A2:1995

**Luminares - 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.

## MÜÜGI TOP detsember 2002

1.	EVS 809-1:2002	Kuritegevuse ennetamine. Linnaplaneerimine ja arhitektuur. Osa 1: Linnaplaneerimine	79
2.	EVS-HD 637 S1:2002	Tugevoolupaigaldised nimivahelduvpingega üle 1kV	22
3.	EVS 811:2002	Hoone projekt	18
4.	EVS-EN 228:2002	Autokütused. Pliivaba bensiin	7
5.	EVS-EN 590:2002	Autokütused. Diislikütus	7
6.	EVS-EN ISO 9000:2001	Kvaliteedijuhtimissüsteemid. Kogumik	7
7.	EVS-EN ISO 9001:2001	Kvaliteedijuhtimissüsteemid. Nõuded	6
8.	EVS-EN ISO/IEC 17025:2000	Katse- ja kalibreerimislaborite üldnõuded	5
9.	EVS-EN ISO 9004:2001	Kvaliteedijuhtimissüsteemid. Juhised toimivuse parendamiseks	4
10.	EVS-EN 50110-1:2002	Operation of electrical installations	4

## MÜÜGI TOP 2002

2002. a müügi edetabelis on kindlalt esikohal ISO 9000 Kvaliteedijuhtimissüsteemide kogumik, mis sisaldab kõik ISO 9000 sarja rahvusvahelised standardid.

Ka üksikult müüdavad kvaliteedijuhtimissüsteemide standardid ISO 9000 *Kvaliteedijuhtimissüsteemid. Alused ja sõnavara*, ISO 9001 *Kvaliteedijuhtimissüsteemid. Nõuded* ning ISO 9004 *Kvaliteedijuhtimissüsteemid. Juhised toimivuse parendamiseks* säilitasid kohad esikümnes. Seega on kvaliteedijuhtimissüsteemide standardid kõige populaarsemad standardid nii Eestis kui kogu maailmas.

Teist-kolmandat kohta jagasid hoone projekti ja tugevoolupaigaldiste standardid. Mõlemad standardid on Eesti standardimises uute valdkondade - ehituse ja elektriala standardid. Kusjuures esimene neist on Eesti algupärane, teine aga ülevõetud Euroopa standard.

Juba mitme aasta vältel on jätkuvalt väga nõutav standard, mis sätestab nõuded katse- ja kalibreerimislaboritele.

Esikümnes on veel standardid aktuaalsetel teemadel - autokütuste ja liiklusmärkide standardid ning kuuendal kohal kuritegevuse ennetamise standard linnaplaneerimise kaudu.

1.	EVS-EN ISO 9000:2001	Kvaliteedijuhtimissüsteemid. Kogumik (trüki ja CD-l)	112
2.	EVS 811:2002	Hoone projekt	101
3.	EVS-HD 637 S1:2002	Tugevoolupaigaldised nimivahelduvpingega üle 1kV	101
4.	EVS-EN ISO/IEC 17025:2000	Katse- ja kalibreerimislaborite üldnõuded	95
5.	EVS-EN ISO 9001:2001	Kvaliteedijuhtimissüsteemid. Nõuded	83
6.	EVS 809-1:2002	Kuritegevuse ennetamine. Linnaplaneerimine ja arhitektuur. Osa 1: Linnaplaneerimine	79
7.	EVS 613:2001	Liiklusmärgid ja nende kasutamine	64
8.	EVS-EN ISO 9000:2001	Kvaliteedijuhtimissüsteemid. Alused ja sõnavara	26
9.	EVS-EN ISO 9004:2001	Kvaliteedijuhtimissüsteemid. Juhised toimivuse parendamiseks	25
10.	EVS-EN 228:2002	Autokütused. Pliivaba bensiin	24

## STANDARDITE MUUTMINE

Muudatused viiakse sisse järgmistesse Eesti Aiandusliidu poolt koostatud standarditesse:

EVS 683:2001	Värske peakapsas	Muudatus nr 1:2002
EVS 684:2001	Värske lillkapsas	Muudatus nr 1:2002
EVS 694:2001	Värske söögisibul	Muudatus nr 1:2002
EVS 703:2001	Värske kabatsokk	Muudatus nr 1:2002
EVS 704:2001	Värske tomat	Muudatus nr 1:2002
EVS 706:2001	Värsked õunad ja pirnid	Muudatus nr 1:2002
EVS 785:2001	Värske baklažaan	Muudatus nr 1:2002

Muudatused põhjustas Euroopa Komisjoni vastavate määruste muutmine. Muudetud on mõnede aed- ja köögiviljade suurusnõudeid, sisse on viidud mõiste "mini", õunte ja pirnide puhul muudetakse pakendamise ja märgistamise nõudeid.

## EESTI KEELES MÜÜGILE SAABUNUD STANDARDID

EVS 824:2002	Kreeka pähklid kestas	75.-
EVS 692:2002	Värske salat (asendab EVS 692:2001)	57.-
EVS 696:2002	Värske porrulauk (asendab EVS 696:2001)	57.-
EVS 698:2002	Värske uba (asendab EVS 698:2001)	57.-
EVS 705:2002	Värske paprika (asendab EVS 705:2001)	66.-
EVS 789:2002	Värske melon (asendab EVS 789:2001)	57.-
EVS 794:2002	Värsked tsitrusviljad (asendab EVS 794:2001)	66.-
EVS 796:2002	Värsked viinamarjad (asendab EVS 796:2001)	75.-

*Standardite müük toimub Standardikeskuses*

*tuba 11 tel 605 5060, 605 5061, faks 605 5070 [myyk@evs.ee](mailto:myyk@evs.ee)*

*Ostu saab sooritada ka meie kodulehel asuvas ostukorvis [www.evs.ee](http://www.evs.ee)*

EESTI STANDARDIKESKUSE AMETLIK VÄLJAANNE  
**EVS TEATAJA**

Teataja jätkab ilmumist nii trükitult kui elektrooniliselt

Arved 2003 a. tellimuse kohta väljastame tellimislehe alusel.

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](mailto:myyk@evs.ee) faks 605 5070**

## Sisukord

EESTI UUDISED.....	1
TOIMETAJA VEERG.....	1
EELTEATED.....	2
20. veebruar Äriseminar	
Rajur, K. EUROKOODEKSITE PROGRAMM JÄTKUB.....	4

EHITUSTOODETE CE MÄRGISTUSEST.....	6
EHITUSTOODETE HARMONEERITUD STANDARDITE LOETELU (AVALDATUD OJ-s) .....	6
JAANUARIKUU STANDARDID .....	10
KVALITEET.....	11
Vestmann, S. EESTI ESIMENE KVALITEEDIAUHINNA KONKURSS JÕUDIS EDUKALT LÕPULE.....	11
CEN UUDISED.....	13
CEN ARVUDES.....	13
Surveseadmed.....	13
Teenused.....	13
ISO UUDISED.....	14
ISO alustas toiduohutuse juhtimissüsteemi standardi väljatöötamist.....	14
Laevad ja kaubakonteinerid sõlmisid liidu.....	14
WTO SEKRETARIAADILT SAABUNUD TBT TEATISED.....	15
WTO SEKRETARIAADILT SAABUNUD SPS TEATISED.....	18
UUED STANDARDID JA KAVANDID ARVAMUSKÜSITLUSEKS.....	22
ICS PÕHIRÜHMAD.....	22
01.040.13 Keskkonna- ja tervisekaitse. Ohutus (sõnavara).....	23
01.040.17 Metroloogia ja mõõtmine. Füüsikalised nähtused (sõnavara).....	23
01.040.29 Elektrotehnika (sõnavara).....	23
01.040.79 Puidutehnoloogia (sõnavara).....	24
01.060 Suurused ja tihikud.....	24
01.070 Värvuskoodid.....	24
01.075 Tähtede tingtähised.....	24
01.080.20 Eriseadmete graafilised tingtähised.....	24
03.120.30 Statistiliste meetodite rakendamine.....	25
11.040.50 Radiograafiaseadmed.....	25
11.040.55 Diagnostikaseadmed.....	25
11.040.60 Raviseadmed.....	26
11.100 Laboratoorne meditsiin.....	26
13.030.01 Jäätmed tldiselt.....	26
13.030.40 Jäätmeohud ja jäätmekäitlusseadmed.....	27
13.040.40 Püsiallikate heitmed.....	27
13.060 Vee kvaliteet.....	27
13.060.01 Vee kvaliteet tldiselt.....	27
13.110 Masinate ohutus.....	27
13.120 Ohutus kodus.....	27
13.220.20 Tulekaitsevahendid.....	28
13.220.40 Materjalide ja toodete süttivus ning põlemislaad.....	28
13.220.99 Muud tulekaitsevahenditega seotud standardid.....	29
13.260 Elektrilõõgikaitse.....	29
13.310 Kaitse kuritegevuse vastu.....	29
13.320 Häire- ja hoiatussüsteemid.....	29
13.340.10 Kaitserõivad.....	30
13.340.99 Muud kaitsevahendid.....	30
17.140.01 Akustilised mõõtmised ja müra vähendamise tldküsimumused.....	30
17.140.50 Elektroakustika.....	30
17.180.20 Värvused ja valguse mõõtmine.....	32
17.200.20 Temperatuuri mõõtevahendid.....	32
17.220 Elekter. Magnetism. Elektrilised ja magnetilised mõõtmised.....	32
17.220.01 Elekter. Magnetism. Elektrilised ja magnetilised mõõtmised. Üldised aspektid.....	32
17.220.20 Elektriliste ja magnetiliste suuruste mõõtmine.....	33
17.220.99 Muud elektri ja magnetismiga seotud standardid.....	33
17.240 Kiirgusmõõtmised.....	34
19.040 Keskkonnakatsetused.....	34
19.080 Elektrilised ja elektroonilised katse- ja mõõtevahendid.....	36
21.020 Masinate, aparaatide, seadmete karakteristikud ja konstruktsioon.....	37
21.060.40 Needid.....	37
21.060.70 Klambrid ja obadused.....	37
23.140 Kompessorid ja suruõhumasinad.....	37
25.040 Tööstusautomaatika süsteemid.....	37
25.040.40 Mõõtmine ja kontroll tööstusprotsessides.....	38
25.080.01 Tõõpingid tldiselt.....	39
25.080.60 Saagimispingid.....	39
25.140.20 Elektritõõriistad.....	39

25.160.30 Keevitusseadmed .....	39
25.160.50 Jootmine kõva- ja pehmejoodisega .....	40
25.180.10 Elektriahjud .....	40
27.040 Gaasi- ja auruturbiinid. Aurumasinad .....	40
27.100 Elektriyaamad üldiselt .....	40
27.120.20 Tuumaelektriyaamad. Ohutus .....	40
27.120.99 Muud tuumaenergeetikaga seotud standardid .....	40
27.160 Päikeseenergeetika .....	41
27.180 Tuulegeneraatorid jt alternatiivsed energiaallikad .....	41
29.020 Elektrotehnika üldkõtsimused .....	41
29.035.01 Isolatsioonimaterjalid üldiselt .....	43
29.035.20 Plastikust ja kummist isolatsioonimaterjalid .....	45
29.035.30 Klaasist ja keraamilised isolatsioonimaterjalid .....	46
29.035.60 Lakitud kangad .....	47
29.035.99 Muud isolatsioonimaterjalid .....	47
29.040.10 Isoleerivad õlid .....	47
29.040.20 Isoleerivad gaasid .....	48
29.050 Juhid .....	48
29.060 Elektriyahtmed, kaablid jm juhid .....	49
29.060.01 Elektriyahtmed ja kaablid üldiselt .....	49
29.060.10 Elektriyahtmed .....	49
29.060.20 Kaablid .....	50
29.080.10 Isolaatorid .....	51
29.080.30 Isolatsioonisüsteemid .....	52
29.120.20 Liiteseadised ja klemmid .....	52
29.120.30 Pistikud, pistikupesad, pistikühendused .....	52
29.120.40 Lülitid .....	53
29.120.50 Kaitsmed jm liigvoolukaitseseaparaadid .....	53
29.120.60 Lülitus- ja yahtimisaparaadid .....	53
29.120.70 Releed .....	54
29.120.99 Muud elektritarvikud .....	55
29.130.20 Madalpingelised lülitusseadmed ja nende yahtseadmed .....	55
29.140.10 Lambisoklid ja -pesad .....	56
29.140.20 Hõõglambid .....	56
29.140.30 Luminofoorlambid. Lahenduslambid .....	56
29.140.40 Valgustid .....	57
29.140.50 Valgustusüsteemid .....	57
29.140.99 Muud lampide ja valgustitega seotud standardid .....	57
29.160.01 Põõrlevad masinad üldiselt .....	57
29.180 Trafod. Reaktorid .....	58
29.220.20 Happeakud ja -akupatareid .....	61
29.220.30 Leelisakud ja -akupatareid .....	61
29.220.99 Muud akud ja patareid .....	62
29.240 Elektriyaotusvõrgud .....	62
29.240.10 Alajaamad. Liigpingepiirikud .....	62
29.240.20 Elektriyaotusliinid .....	62
29.260.20 Plahvatusohtlikus keskkonnas tõõtavad elektriseadmed .....	63
29.260.99 Muud eritingimustes tõõtavad elektriseadmed .....	64
29.280 Elektrerveoseadmed .....	64
31.020 Elektroonikaseadiste üldkõtsimused .....	65
31.040.01 Takistid üldiselt .....	65
31.040.30 Termistorid .....	65
31.060.01 Kondensaatorid üldiselt .....	66
31.060.40 Elektrolüütilised tantaalkondensaatorid .....	66
31.060.50 Elektrolüütilised alumiiniumkondensaatorid .....	66
31.080.01 Poolyahtseadised üldiselt .....	66
31.080.10 DiOODid .....	66
31.080.99 Muud poolyahtseadised .....	67
31.100 Elektronlambid .....	67
31.120 Elektronnäidikud .....	67
31.140 Piesoelektrilised seadised .....	67
31.180 Trükkülütused ja -plaadid .....	68
31.190 Elektroonikakomponentide koosted .....	69



31.220.10 Pistikseadised. Liitmikud .....	69
31.240 Elektronseadmete mehaanilised osad .....	71
31.260 Optoelektronika. Laserseadmed .....	71
33.020 Sidetehnika üldküsimumused .....	71
33.040 Sidesüsteemid .....	72
33.040.40 Andmesidevõrgud .....	73
33.040.50 Liinid, ühendused, vooluahelad .....	73
33.040.99 Muud sideseadmed .....	73
33.060 Raadioside .....	74
33.060.20 Vastuvõtu- ja saateseadmed .....	75
33.060.30 Raadioreleeliinid ja statsionaarsed satelliitsidesüsteemid .....	75
33.060.40 Kaabeljaotussüsteemid .....	76
33.060.99 Muud raadioside seadmed .....	76
33.070 Mobiilside .....	76
33.080 Integraalteenustega digitaalvõrk (ISDN) .....	77
33.100 Elektromagnetiline ühilduvus .....	79
33.100.10 Kiirgus .....	82
33.100.20 Immuunsus .....	83
33.100.99 Elektromagnetilise ühilduvusega seonduvad muud küsimused .....	83
33.120 Sideaparatuuri osad ja lisaseadmed .....	83
33.120.10 Koaksiaalkaablid. Lainejuhid .....	84
33.120.20 Juhtmed ja sümmeetrilised kaablid .....	86
33.120.30 Raadiosagedusliitmikud .....	86
33.120.40 Antennid .....	87
33.160.01 Audio- ja videoseadmed ning -süsteemid üldiselt .....	87
33.160.20 Raadiovastuvõtjad .....	87
33.160.25 Televisioonivastuvõtjad .....	87
33.160.30 Helisalvestussüsteemid .....	87
33.160.40 Videosalvestussüsteemid .....	88
33.160.50 Lisaseadmed .....	90
33.160.60 Multimeedia süsteemid ja telekonverentsi seadmed .....	90
33.170 Televisiooni- ja raadiolevi .....	90
33.180.10 Optilised kiud ja kaablid .....	91
33.180.20 Kiudoptika liitmikud .....	92
33.180.99 Muud kiudoptikaseadmed .....	93
33.200 Telemehaanika .....	93
35.020 Infotehnoloogia üldküsimumused .....	94
35.040 Märgistikud ja informatsiooni kodeerimine .....	94
35.110 Võrk .....	94
35.140 Arvutigraafika .....	94
35.160 Mikroprotsessorsüsteemid .....	94
35.180 Lõppseadmed jm välisseadmed .....	95
35.200 Liidestus- ja ühendusseadmed .....	95
35.240.50 IT rakendused tööstuses .....	95
35.240.99 IT rakendused muudel aladel .....	96
37.020 Optikaseadmed .....	96
37.040.10 Fotoaparatuur. Projektorid .....	97
37.100.10 Paljundusseadmed .....	97
43.060.40 Toitesüsteemid .....	97
45.060 Raudtee veerem .....	97
45.060.01 Raudtee veerem üldiselt .....	97
45.060.10 Vedurid .....	98
45.080 Rööpad ja raudteeosad .....	98
47.020.70 Navigatsiooni- ja juhtimisseadmed .....	98
47.060 Siseveelaevad .....	98
47.080 Väikelaevad .....	99
49.100 Maapealse teeninduse ja hoolduse seadmed .....	99
53.020.30 Tõsteseadmete abivahendid .....	99
53.080 Laoseadmed .....	99
55.060 Äärikpoolid. Koonuspoolid .....	99
55.160 Kastid. Karbid. Korvid .....	100
55.180.20 Üldotstarbelised kaubaalused .....	100
59.040 Tekstiilitööstuse abimaterjalid .....	100

59.140.30 Parknahk ja karusnahk.....	100
61.060 Jalatsid.....	101
65.060.40 Taimehooldusseadmed .....	101
67.080.10 Puuvili ja puuviljatooted .....	101
67.080.20 Kõõgivilid ja kõõgiviljatooted.....	102
71.100.30 Lõhkeained. Pürotehnika.....	102
71.100.80 Kemikaalid vee puhastamiseks.....	102
73.100.30 Puurimis- ja väljamisseadmed .....	102
75.180.10 Uuringu- ja ammutusseadmed .....	103
75.180.20 Töötlemisseadmed.....	103
75.200 Nafta, naftasaaduste ja maagaasi transpordi seadmed .....	103
77.140 Malm- ja terastooted.....	104
77.140.01 Malm- ja terastooted üldiselt .....	104
77.150.10 Alumiiniumtoided.....	104
79.040 Puit, saepalgid ja saepuit .....	104
79.080 Puitpooltoided .....	104
83.140.30 Plastiktorud, liitmikud, ventiilid .....	104
83.180 Liimid.....	105
85.060 Paber ja papp.....	105
87.100 Värvimisvahendid.....	105
91.010.30 Tehnilised aspektid.....	106
91.060.20 Katused.....	106
91.060.50 Uksed ja aknad .....	106
91.080 Ehituskonstruksioonid .....	106
91.100.01 Ehitusmaterjalid üldiselt .....	106
91.100.10 Tsement. Kips. Lubi. Mört .....	106
91.100.15 Mineraalsed materjalid ja tooted .....	107
91.100.30 Betooni ja betoontoided.....	107
91.120.10 Soojusisolatsioon.....	107
91.120.30 Niiskuskaitse .....	107
91.120.40 Piksekaitse .....	108
91.140.10 Keskküttesüsteemid .....	108
91.140.30 Ventilatsiooni- ja kliimasüsteemid .....	108
91.140.50 Elektrivarustussüsteemid .....	108
91.140.60 Veevarustussüsteemid .....	110
91.140.65 Veesoendussüsteemid.....	110
91.140.90 Liftid. Eskalaatorid.....	110
91.160.20 Välisvalgustus.....	110
93.080.20 Teedeehitusmaterjalid .....	110
93.120 Lennujaamade ehitus .....	111
97.030 Elektrilised kodumasinad .....	111
97.040.20 Pliidid, töölaudad, ahjud jms .....	112
97.040.50 Kõõgi väikevahendid.....	112
97.060 Pesumajade sisseseade.....	112
97.100.10 Elektriga kütavad kütteseadmed .....	112
97.120 Majapidamisautomaatika.....	113
97.180 Mitmesugused kodutarbed.....	113
97.190 Seadmed lastele .....	113
97.200.30 Matkavarustus ja laagrikohad .....	113
97.200.50 Mänguasjad .....	113
MÜÜGI TOP detsember 2002 .....	114
MÜÜGI TOP 2002.....	114
STANDARDITE MUUTMINE.....	115
EESTI KEELES MÜÜGILE SAABUNUD STANDARDID.....	115
<b>EESTI STANDARDIKESKUSE AMETLIK VÄLJAANNE.....</b>	<b>116</b>