EESTI STANDARDIKESKUS
ESTONIAN CENTRE FOR STANDARDISATION

EVS TEATAJA

Ilmub üks kord kuus alates 1993. aastast

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Harmoneeritud standardid

WTO teatised

Uued Eesti standardid

Eesti keeles müügil

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HARMONEERITUKS TUNNISTATUD STANDARDID

Tehnilise normi ja standardi seaduse kohaselt avaldab Eesti Standardikeskus oma veebilehel ja ametlikus väljaandes teavet harmoneeritud standarditest. Harmoneeritud (ühtlustatud) standardiks nimetatakse EÜ direktiivide kontekstis Euroopa Komisjoni mandaadi alusel Euroopa standardimisorganisatsioonide poolt koostatud ja avaldatud standardit. Kui harmoneeritud standardi kohta on avaldatud teade (viide) Euroopa Liidu Ametlikus Teatajas (*Official Journal*) ja see on vastu võetud vähemalt ühe Euroopa Liidu liikmesriigi rahvusliku standardina, kui õigusaktist ei tulene teisiti, siis eeldatakse, et sellist standardit järgiv toode või teenus vastab asjakohasele tehnilisele normile. Harmoneeritud standardite kasutamine on kõige lihtsam viis tõendada direktiivide oluliste nõuete täitmist.
Lisainfo:
http://www.newapproach.org/
http://ec.europa.eu/enterprise/newapproach/standardization/harmstds

Seekord on avaldatud **meditsiiniseadmete, in vitro diagnostikavahendite, aktiivsete siirdatavate meditsiiniseadmete, masinate, plahvatusohtlikus keskkonnas kasutatavate seadmete ja madalpingeseadmete** direktiivide kontekstis harmoneerituks tunnistatud uute (harmoneeritud) standardite loetelu (avaldatud juuli ja augusti 2008 Euroopa Ühenduste Teataja C-seerias).

Kõik avaldatud standardid on üle võetud Eesti standarditeks.

NÕUKOGU DIREKTIIV 93/42/EMÜ Meditsiiniseadmed
(2008/C 186/07)
23.07.2008

Viide ühtlustatud standardile ja standardi pealkiri (ja viitedokument)	**Viide asendatavale standardile**	**Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse Märkus 1**
EN 980:2008 Meditsiiniseadmete märgistamiseks kasutatavad graafilised sümbolid / *Symbols for use in the labelling of medical devices*	EN 980:2003	31.05.2010
EN 1789:2007 Meditsiinis kasutatavad liiklusvahendid ja nende varustus. Kiirabiautod / *Medical vehicles and their equipment - Road ambulances*	EN 1789:1999	Kehtivuse lõppkuupäev (30.11.2007)
EN ISO 5359:2008 Meditsiiniliste gaaside jaoks kasutatavad madalrõhu voolikukomplektid / *Low-pressure hose assemblies for use with medical gases*	EN 737:1998	30.6.2010
EN ISO 10524-4:2008 Meditsiiniliste gaaside rõhu regulaatorid. Osa 4: Madalrõhuregulaatorid / *Pressure regulators for use with medical gases - Part 4: Low-pressure regulators*	EN 738-4:1998	30.6.2010
EN ISO 14630:2008 Mitteaktiivsed kirurgilised implantaadid. Üldnõuded / *Non-active surgical implants - General requirements*	EN ISO 14630:2005	31.7.2008

EN 15546-1:2008 Väikese läbimõõduga ühendusliitmikud vedeliku ja gaasiga töötavatele meditsiiniseadmetele. Osa 1: Üldnõuded / *Small bore connectors for liquids and gases in healthcare applications - Part 1 - General Requirements*	-	
EN ISO 15883-4:2008 Pesur-desinfektorid. Osa 4: Termotundlike endoskoopide keemiliseks desinfitseerimiseks kasutatavate pesuritele-desinfektoritele esitatavad nõuded ja katsed / *Washer-disinfectors - Part 4: Requirements and tests for washer-disinfectors employing chemical disinfection for thermolabile endoscopes*	-	
EN ISO 23328-1:2008 Hingamissüsteemi filtrid tuimastuseks ja respiratoorseks kasutuseks. Osa 2: Mittefiltreerimise aspektid / *Breathing system filters for anaesthetic and respiratory use - Part 2: Non-filtration aspects*	EN 13328-1:2001	30.9.2008
EN ISO 23328-2:2008 Hingamissüsteemi filtrid tuimastuseks ja respiratoorseks kasutuseks. Osa 2: Mittefiltreerimise aspektid / *Breathing system filters for anaesthetic and respiratory use - Part 2: Non-filtration aspects*	EN 13328-2:2002	30.9.2008

NÕUKOGU DIREKTIIV 98/79/EÜ Meditsiinilised in vitro diagnostikavahendid

(2008/C 186/08)

23.07.2008

Viide ühtlustatud standardile ja standardi pealkiri (ja viitedokument)	**Viide asendatavale standardile**	**Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse Märkus 1**
EN 980:2008 Meditsiiniseadmete märgistamiseks kasutatavad graafilised sümbolid / *Symbols for use in the labelling of medical devices*	EN 980:2003	31.05.2010

NÕUKOGU DIREKTIIV 90/385/EMÜ Aktiivsed siirdatavad meditsiiniseadmed

(2008/C 186/09)

23.07.2008

Viide ühtlustatud standardile ja standardi pealkiri (ja viitedokument)	**Viide asendatavale standardile**	**Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse Märkus 1**
EN 980:2008 Meditsiiniseadmete märgistamiseks kasutatavad graafilised sümbolid / *Symbols for use in the labelling of medical devices*	EN 980:2003	31.05.2010

EN ISO 14937:2000 Tervishoiutoodete steriliseerimine. Üldnõuded steriliseerimisaine iseloomustusele ja meditsiiniseadmete steriliseerimisprotsessi väljatöötamisele, valideerimisele ja tavakontrollile / *Sterilization of health care products - General requirements for characterization of a sterilizing agent and the development, validation and routine control of a sterilization process for medical devices*	-	

NÕUKOGU DIREKTIIV 94/9/EÜ

Plahvatusohtlikus keskkonnas kasutatavad seadmed ja kaitsesüsteemid

(2008/C 212/08)

20.08.2008

Viide ühtlustatud standardile ja standardi pealkiri (ja viitedokument)	**Viide asendatavale standardile**	**Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse Märkus 1**
EN 1127-2:2002 + A1:2008 Plahvatusohtlik keskkond. Plahvatuse vältimine ja kaitse. Osa 2: Põhimõisted ja metoodika kaevandamisel KONSOLIDEERITUD TEKST / *Explosive atmospheres - Explosion prevention and protection - Part 2: Basic concepts and methodology for mining CONSOLIDATED TEXT*	EN 1127-1:1997 Märkus 2.1	31.10.2008
EN 1710:2005 + A1:2008 Maa-aluste kaevanduste plahvatusohtlikus keskkonnas kasutamiseks mõeldud seadmed ja komponendid KONSOLIDEERITUD TEKST / *Equipment and components intended for use in potentially explosive atmospheres in underground mines CONSOLIDETED TEXT*	EN 1710:2005 Märkus 2.1	31.10.2008
EN 50050:2006 Plahvatusohtlikes keskkondades kasutatavad elektriseadmed. Käeshoitavad elektrostaatilised pihustusseadmed / *Electrical apparatus for potentially explosive atmospheres - Electrostatic hand-held spraying equipment*	-	
EN 60079-1:2007 Plahvatusohtlikud keskkonnad. Osa 1: Seadme kaitse leegikindla ümbrise abil "d" / *Explosive atmospheres -- Part 1: Equipment protection by flameproof enclosures "d"*	EN 60079-1:2004 Märkus 2.1	1.7.2010
EN 60079-2:2007 Plahvatusohtlikud keskkonnad. Osa 2: Seadme kaitse survestatud ümbrise abil "p" / *Explosive atmospheres -- Part 2: Equipment protection by pressurized enclosure "p*	EN 60079-2:2004 Märkus 2.2	1.11.2010
EN 60079-5:2007 Plahvatusohtlikud keskkonnad. Osa 5: Seadmete kaitse pulbertäite abil "q" / *Explosive atmospheres -- Part 5: Equipment protection by powder filling "q"*	EN 50017:1998 Märkus 2.1	1.11.2010

EN 60079-6:2007 Plahvatusohtlikud keskkonnad. Osa 6: Seadmete kaitse õlitäite abil "o" / *Explosive atmospheres -- Part 6: Equipment protection by oil immersion "o"*	EN 50015:1998 Märkus 2.1	1.5.2010
EN 60079-25:2004 Gaasplahvatusohtlike keskkondade elektriseadmed. Osa 25: Sisemiselt ohutud süsteemid / *Electrical apparatus for explosive gas atmospheres - Part 25: Intrinsically safe systems*	-	
EN 60079-26:2007 Plahvatusohtlikud keskkonnad. Osa 26: Seadmed seadmekaitseastmega Ga / *Explosive atmospheres -- Part 26: Equipment with equipment protection level (EPL) Ga*	EN 50284:1999 Märkus 2.1	1.10.2009
EN 60079-27:2006 Plahvatusohtlikud keskkonnad. Osa 27: Väljasiini sisemise ohutuse kontseptsioon / *Explosive atmospheres -- Part 27: Fieldbus intrinsically safe concept (FISCO)*	-	
EN 60079-29-1:2007 Plahvatusohtlikud keskkonnad. Osa 29-1: Gaasidetektorid. Põlevgaasidetektorite toimivusnõuded / *Explosive atmospheres -- Part 29-1: Gas detectors - Performance requirements of detectors for flammable gases*	EN 61779-1:2000 ja selle muudatus + 61779-2:2000 + 61779-3:2000 + 61779-4:2000 + 61779-5:2000 Märkus 2.1	1.11.2010
EN 60079-30-1:2007 Plahvatusohtlikud keskkonnad. Osa 30-1: Elektriline takistus-joonkuumutus. Üld- ja katsetusnõuded / *Explosive atmospheres -- Part 30-1: Electrical resistance trace heating - General and testing requirements*	-	
EN 61241-0:2006 Elektriseadmed, mis on ette nähtud kasutamiseks põlevtolmu olemasolul. Osa 0: Üldnõuded / *Electrical apparatus for use in the presence of combustible dust -- Part 0: General requirements*	EN 50281-1-1:1998 ja selle muudatus Märkus 2.2	1.10.2008
EN 61241-1:2004 Elektriseadmed, mis on ette nähtud kasutamiseks põlevtolmu olemasolul. Osa 1: Ümbristega tagatav kaitse “tD” / *Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD*	EN 50281-1-1:1998 ja selle muudatus Märkus 2.3	1.10.2008
EN 61241-4:2006 Elektriseadmed, mis on ette nähtud kasutamiseks põlevtolmu olemasolul. Osa 4: Kaitseviis "pD" / *Electrical apparatus for use in the presence of combustible dust - Part 4: Type of protection "pD"*	-	

NÕUKOGU DIREKTIIV 98/37/EÜ Masinad
(2008/C 215/01)
22.08.2008

Viide ühtlustatud standardile ja standardi pealkiri (ja viitedokument)	**Viide asendatavale standardile**	**Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse Märkus 1**
EN 349:1993 + A1:2008 Masinate ohutus. Minimaalsed vahekaugused vältimaks inimese kehaosade muljumisohtu KONSOLIDEERITUD TEKST / *Safety of machinery - Minimum gaps to avoid crushing of parts of the human body CONSOLIDATED TEXT*	EN 349:1993	31.12.2008
EN 378-2:2008 Külmetussüsteemid ja soojuspumbad. Ohutus- ja keskkonnanõuded. Osa 2: Kavandamine, valmistamine, katsetamine, märgistamine ja dokumentatsioon / *Refrigerating systems and heat pumps - Safety and environmental requirements - Part 2: Design, construction, testing, marking and documentation*	-	
EN 574:1996 + A1:2008 Masinate ohutus. Kahekäe-juhtseadised. Talitlusaspektid. Konstrueerimise põhimõtted KONSOLIDEERITUD TEKST / *Safety of machinery - Two-hand control devices - Functional aspects - Principles for design CONSOLIDATED TEXT*	EN 574:1996	31.12.2008
EN 626-2:1996 + A1:2008 Masinate ohutus. Masinatest eralduvate kahjulike ainete terviseohu vähendamine. Osa 2: Kontrollmenetluste aluseks olev metodoloogia KONSOLIDEERITUD TEKST / *Safety of machinery - Reduction of risk to health from hazardous substances emitted by machinery - Part 2: Methodology leading to verification procedures CONSOLIDATED TEXT*	EN 626-2:1996	31.12.2008
EN 818-1:1996 + A1:2008 Lühikeste lülidega tõstekett. Ohutus. Osa 1: Tehnilistele tingimustele vastavuse põhitingimused KONSOLIDEERITUD TEKST / *Short link chain for lifting purposes - Safety - Part 1: General conditions of acceptance CONSOLIDATED TEXT*	EN 818-1:1996	31.10.2008
EN 818-2:1996 + A1:2008 Lühikeste lülidega tõstekett. Ohutus. Osa 2: Keskmise tolerantsiga kett tõstetroppide valmistamiseks. Klass 8 KONSOLIDEERITUD TEKST / *Short link chain for lifting purposes - Safety - Part 2: Medium tolerance chain for chain slings - Grade 8 CONSOLIDATED TEXT*	EN 818-2:1996	31.10.2008
EN 818-3:1999 + A1:2008 Lühikeste lülidega tõstekett. Ohutus. Osa 3: Keskmise tolerantsiga kett tõstetroppide valmistamiseks. Klass 4 KONSOLIDEERITUD TEKST / *Short link chain for lifting purposes - Safety - Part 3: Medium tolerance chain for chain slings - Grade 4 CONSOLIDATED TEXT*	EN 818-3:1999	31.10.2008

EN 818-4:1996 + A1:2008 Lühikeste lülidega tõstekett. Ohutus. Osa 4: Tõstetropid. Klass 8 KONSOLIDEERITUD TEKST / *Short link chain for lifting purposes - Safety - Part 4: Chain slings - Grade 8 CONSOLIDATED TEXT*	EN 818-4:1996	31.10.2008
EN 818-5:1999 + A1:2008 Lühikeste lülidega tõstekett. Ohutus. Osa 5: Tõstetropid. Klass 4 KONSOLIDEERITUD TEKST / *Short link chain for lifting purposes - Safety - Part 5: Chain slings - Grade 4 CONSOLIDATED TEXT*	EN 818-5:1999	31.10.2008
EN 818-6:2000 + A1:2008 Lühikeste lülidega tõstekett. Ohutus. Osa 6: Kett-tropid. Tootja poolt kasutamise ja korrashoiu kohta esitatava informatsiooni spetsifikatsioon KONSOLIDEERITUD TEKST / *Short link chain for lifting purposes - Safety - Part 6: Chain slings - Specification for information for use and maintenance to be provided by the manufacturer CONSOLIDATED TEXT*	EN 818-6:2000	31.10.2008
EN 818-7:2002 + A1:2008 Lühikeste lülidega tõstekett. Ohutus. Osa 7: Peene tolerantsiga tõstekett, Klass T (tüübid T, DAT ja DT) KONSOLIDEERITUD TEKST / *Short link chain for lifting purposes - Safety - Part 7: Fine tolerance hoist chain, Grade T (types T, DAT and DT) CONSOLIDATED TEXT*	EN 818-7:2002	31.10.2008
EN 1028-2:2002 + A1:2008 Tuletõrjepumbad. Löökpadruniga tuletõrje tsentrifugaalpumbad. Osa 2: Üld- ja ohutusnõuete täitmise kontrollimine KONSOLIDEERITUD TEKST / *Fire-fighting pumps - Fire-fighting centrifugal pumps with primer - Part 2: Verification of general and safety requirements CONSOLIDATED TEXT*	EN 1028-2:2002	31.10.2008
EN 1037:1995 + A1:2008 Masinate ohutus. Ootamatu käivitumise vältimine KONSOLIDEERITUD TEKST / *Safety of machinery - Prevention of unexpected start-up CONSOLIDATED TEXT*	EN 1037:1995	31.10.2008
EN 1093-2:2006 + A1:2008 Masinate ohutus. Õhu kaudu levivate kahjulike ainete emissiooni hindamine. Osa 2: Määratud saasteaine emissiooni intensiivsuse määramine asendusgaasi meetodiga KONSOLIDEERITUD TEKST / *Safety of machinery - Evaluation of the emission of airborne hazardous substances - Part 2: Tracer method for assessing the emission rate of a specified pollutant CONSOLIDATED TEXT*	EN 1093-2:2006	31.12.2008
EN 1093-3:2006 + A1:2008 Masinate ohutus. Õhu kaudu levivate kahjulike ainete emissiooni hindamine. Osa 3: Määratud saasteaine emissiooni intensiivsuse määramine katsestendi meetodiga KONSOLIDEERITUD TEKST / *Safety of machinery - Evaluation of the emission of airborne hazardous substances - Part 3: Bench test method for the measurement of the emission rate of a specified pollutant CONSOLIDATED TEXT*	EN 1093-3:2006	31.12.2008

EN 1093-4:1996 + A1:2008 Masinate ohutus. Õhu kaudu levivate kahjulike ainete emissiooni hindamine. Osa 4: Väljalaskesüsteemi efektiivse mõju ulatus. Isotoopindikaatorite meetod KONSOLIDEERITUD TEKST / *Safety of machinery - Evaluation of the emission of airborne hazardous substances - Part 4: Capture efficiency of an exhaust system - Tracer method CONSOLIDATED TEXT*	EN 1093-4:1996	31.12.2008
EN 1127-2:2002 + A1:2008 Plahvatusohtlik keskkond. Plahvatuse vältimine ja kaitse. Osa 2: Põhimõisted ja metoodika kaevandamisel KONSOLIDEERITUD TEKST / *Explosive atmospheres - Explosion prevention and protection - Part 2: Basic concepts and methodology for mining CONSOLIDATED TEXT*	EN 1127-2:2002	31.10.2008
EN 1677-2:2000 + A1:2008 Troppide komponendid. Ohutus. Osa 2: Sepaterasest fiksaatoriga tõstekonksud, Klass 8 KONSOLIDEERITUD TEKST / *Components for slings - Safety - Part 2: Forged steel lifting hooks with latch, Grade 8 CONSOLIDATED TEXT*	EN 1677-2:2000	31.10.2008
EN 1677-3:2001 + A1:2008 Troppide komponendid. Ohutus. Osa 3: Sepaterasest iselukustuvad konksud. Klass 8 KONSOLIDEERITUD TEKST / *Components for slings - Safety - Part 3: Forged steel self-locking hooks - Grade 8 CONSOLIDATED TEXT*	EN 1677-3:2001	31.10.2008
EN 1710:2005 + A1:2008 Maa-aluste kaevanduste plahvatusohtlikus keskkonnas kasutamiseks mõeldud seadmed ja komponendid KONSOLIDEERITUD TEKST / *Equipment and components intended for use in potentially explosive atmospheres in underground mines CONSOLIDATED TEXT*	EN 1710:2005	31.10.2008
EN 1756-1:2001 + A1:2008 Luuktõstukid. Ratassõidukitele paigaldatavad platvormtõstukid . Ohutusnõuded. Osa 1: Kaupade luuktõstukid KONSOLIDEERITUD TEKST / *Tail lifts - Platform lifts for mounting on wheeled vehicles - Safety requirements - Part 1: Tail lifts for goods CONSOLIDATED TEXT*	EN 1756-1:2001	30.9.2008
EN 1829-2:2008 Kõrgsurvevett kasutavad masinad. Ohutusnõuded. Osa 2: Voolikud, voolikusüsteemid ja liitmikud / *High-pressure water jet machines - Safety requirements - Part 2: Hoses, hose lines and connectors*	-	
EN 12254:1998 + A2:2008 Ekraanid laseriga töökohtades. Ohutusnõuded ja katsetamine KONSOLIDEERITUD TEKST / *Screens for laser working places - Safety requirements and testing CONSOLIDATED TEXT*	EN 12254:1998	Kehtivuse lõppkuupäev (31.7.2008)
EN 12385-2:2002 + A1:2008 Terastraadist trossid. Ohutus. Osa 2: Määratlused, nimetused ja klassifikatsioon KONSOLIDEERITUD TEKST / *Steel wire ropes - Safety - Part 2: Definitions, designation and classification CONSOLIDATED TEXT*	EN 12385-2:2002	30.9.2008

EN 12385-3:2004 + A1:2008 Terastraadist trossid. Ohutus. Osa 3: Kasutus- ja hooldusinformatsioon KONSOLIDEERITUD TEKST / *Steel wire ropes - Safety - Part 3: Information for use and maintenance CONSOLIDATED TEXT*	EN 12385-3:2004	30.9.2008
EN 12385-4:2002 + A1:2008 Terastraadist trossid. Ohutus. Osa 4: Üldotstarbeliste tõsteseadmete köistrossid KONSOLIDEERITUD TEKST / *Steel wire ropes - Safety - Part 4: Stranded ropes for general lifting applications CONSOLIDATED TEXT*	EN 12385-4:2002	30.9.2008
EN 12385-10:2003 + A1:2008 Terastraadist trossid. Ohutus. Osa 10: Spiraalköied kasutamiseks üldkonstruktsioonides KONSOLIDEERITUD TEKST / *Steel wire ropes - Safety - Part 10: Spiral ropes for general structural applications. CONSOLIDATED TEXT*	EN 12385-10:2003	30.9.2008
EN 12649:2008 Betooni tihendamise ja laadimise masinad. Ohutus / *Concrete compactors and smoothing machines - Safety*	-	
EN 12693:2008 Külmutussüsteemid ja soojuspumbad. Ohutus- ja keskkonnatingimused. Survele töötavad külmutuskompressorid / *Refrigerating systems and heat pumps - Safety and environmental requirements - Positive displacement refrigerant compressors*	-	
EN 12881-1:2005 + A1:2008 Konveierilindid. Süttivuskatsed tulesimulatsiooniga. Osa 1: Katsed propaanipõletiga KONSOLIDEERITUD TEKST / *Conveyor belts - Fire simulation flammability testing - Part 1: Propane burner tests CONSOLIDATED TEXT*	EN 12881-1:2005	31.10.2008
EN 12881-2:2005 + A1:2008 Konveierilindid. Süttivuskatsed tulesimulatsiooniga. Osa 2: Laiaulatuslikud tulekatsed KONSOLIDEERITUD TEKST / *Conveyor belts - Fire simulation flammability testing - Part 2: Large scale fire test CONSOLIDATED TEXT*	EN 12881-2:2005	31.10.2008
EN 13478:2001 + A1:2008 Masinate ohutus. Tule ärahoidmine ja tulekaitse KONSOLIDEERITUD TEKST / *Safety of machinery - Fire prevention and protection CONSOLIDATED TEXT*	EN 13478:2001	31.10.2008
EN 13557:2003 + A2:2008 Kraanad. Juhtimispidemed ja juhtimiskoht KONSOLIDEERITUD TEKST / *Cranes - Controls and control stations CONSOLIDATED TEXT*	EN 13557:2003	31.10.2008
EN 13586:2004 + A1:2008 Kraanad. Juurdepääs KONSOLIDEERITUD TEKST / *Cranes - Access CONSOLIDATED TEXT*	EN 13586:2004	31.10.2008
EN ISO 13849-1:2008 Masinate ohutus. Ohutust mõjutavad osad juhtimissüsteemides. Osa 1: Kavandamise üldpõhimõtted / *Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design*	EN ISO 13849-1:2006	31.12.2008
EN ISO 13849-2:2008 Masinate ohutus. Ohutust mõjutavad osad juhtimissüsteemides. Osa 2: Kehtivus / *Safety of machinery - Safety-related parts of control systems - Part 2: Validation*	EN 954-1:1996 EN ISO 13849-2:2003	31.12.2008

EN ISO 13850:2008 Masinate ohutus. Hädaseiskamine. Kavandamise põhimõtted / *Safety of machinery - Emergency stop - Principles for design*	EN 13850:2006	31.12.2008
EN ISO 13857:2008 Masinate ohutus. Ohutusvahemikud, mis väldivad käte ja jalgade sattumist ohtlikku alasse / *Safety of machinery - Safety distances to prevent danger zones being reached by upper and lower limbs*	EN 294:1992 EN 811:1996	30.9.2008
EN 13977:2005 + A1:2007 Raudteealased rakendused. Rööpad. Ohutusnõuded teisaldatavatele ehitus- ja hooldusmasinatele ja -dresiinidele KONSOLIDEERITUD TEKST / *Railway applications - Track - Safety requirements for portable machines and trolleys for construction and maintenance CONSOLIDATED TEXT*	EN 13977:2005	Selle avaldamise kuupäev
EN ISO 14159:2008 Masinate ohutus. Masinate konstrueerimisel kohaldatavad hügieeninõuded / *Safety of machinery - Hygiene requirements for the design of machinery*	EN ISO 14159:2004	31.10.2008
EN 14502-2:2005 + A1:2008 Kraanad. Seadmed inimeste tõstmiseks. Osa 2: Tõstekõrguse kontrollimise seadmed KONSOLIDEERITUD TEKST / *Cranes - Equipment for the lifting of persons - Part 2: Elevating control stations CONSOLIDATED TEXT*	EN 14502-2:2005	31.10.2008
EN 14710-2:2005 + A1:2008 Tuletõrjepumbad. Ilma eelpumbata tsentrifugaalsed tuletõrjepumbad. Osa 2: Üldiste ja ohutusnõuete testimine KONSOLIDEERITUD TEKST / *Fire-fighting pumps - Fire-fighting centrifugal pumps without primer - Part 2: Verification of general and safety requirements CONSOLIDATED TEXT*	EN 14710-2:2005	31.10.2008
EN 14973:2006 + A1:2008 Allmaapaigaldistes kasutamiseks mõeldud konveierlindid. Elektri- ja tuleohutuse nõuded KONSOLIDEERITUD TEKST / *Conveyor belts for use in underground installations - Electrical and flammability safety requirements CONSOLIDATED TEXT*	EN 14973:2006	31.10.2008
EN 15162:2008 Looduskivi kaevandamise ja töötlemise masinad ja seadmed. Kaatersaagide ohutusnõuded / *Machines and plants for mining and tooling of natural stone - Safety requirements for gang saws*	-	
EN 15163:2008 Looduskivi kasutamise ja töötlemise masinad ja paigaldised. Ohutus. Nõuded teemantsaagidele / *Machines and installations for the exploitation and processing of natural stone - Safety - Requirements for diamond wire saws*	-	
EN 15164:2008 Looduskivi kaevandamise ja töötlemise masinad ja seadmed. Ohutus. Nõuded kettsaagidele ja tõukepinkidele / *Machines and plants for mining and tooling of natural stone - Safety - Requirements for chain and belt slotting machines*		

EN ISO 19432:2008 Ehitusmasinad ja -seadmed. Kantavad käeshoitavad sisepõlemismootoriga lõikeseadmed. Ohutusnõuded ja katsetamine / *Building construction machinery and equipment - Portable, hand-held, internal combustion engine driven cut-off machines - Safety requirements and testing*	EN ISO 19432:2006	31.10.2008
EN ISO 20643:2008 Mehaaniline võnkumine. Käeshoitavad ja käsitsi juhitavad masinad. Vibratsioonitugevuse hindamise põhimõtted / *Mechanical vibration - Hand-held and hand-guided machinery - Principles for evaluation of vibration emission*	EN ISO 20643:2005	31.12.2008
EN 60745-2-15:2006 Käeshoitavad mootoriga elektritööriistad. Ohutus. Osa 2-15: Erinõuded hekilõikuritele / *Hand-held motor-operated electric tools - Safety -- Part 2-15: Particular requirements for hedge trimmers*	EN 50144-2-15:2001 Märkus 2.1	1.5.2009
EN 61310-1:2008 Masinate ohutus. Tuvastus, märgistus ja aktiveerimine. Osa 1: Nõuded visuaal-, audio- ja puutesignaalidele / *Safety of machinery - Indication, marking and actuation - Part 1: Requirements for visual, auditory and tactile signals*	EN 61310-1:1995 Märkus 2.1	1.12.2010
EN 61310-2:2008 Masinate ohutus. Tuvastust, märgistus ja aktiveerimine. Osa 2: Nõuded märgistusele / *Safety of machinery - Indication, marking and actuation - Part 2: Requirements for marking*	EN 61310-2:1995 Märkus 2.1	1.12.2010
EN 61310-3:2008 Masinate ohutus. Tuvastus, märgistus ja aktiveerimine. Osa 3: Nõuded aktivaatorite asukohale ja talitlusele / *Safety of machinery - Indication, marking and actuation - Part 3: Requirements for the location and operation of actuators*	EN 61310-3:1999 Märkus 2.1	1.12.2010

NÕUKOGU DIREKTIIV 2006/95/EÜ Madalpingeseadmed

(2008/C 221/01)

29.08.2008

Viide ühtlustatud standardile ja standardi pealkiri (ja viitedokument)	**Viide asendatavale standardile**	**Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse Märkus 1**
EN 50410:2008 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Erinõuded ehisrobotitele / *Household and similar electrical appliances - Safety - Particular requirements for decorative robots*	Puudub	-
EN 50425:2008 Majapidamis- ja muude taoliste kohtkindlate elektripaigaldiste lülitid. Kollateraalstandard. Välis- ja sisemärkide ja -valgustite tuletõrjelülitid / *Switches for household and similar fixed electrical installations – Collateral standard – Fireman's switches for exterior and interior signs and luminaires*	Puudub	-

EN 50445:2008 Takistus- ja kaarkeevitusseadmete ja nendega seotud protsesside seost inimesele toimivate elektromagnetväljade (0 Hz kuni 300 GHz) põhipiirangutega näitav tooteperekonnastandard / *Product family standard to demonstrate compliance of equipment for resistance welding, arc welding and allied processes with the basic restrictions related to human exposure to electromagnetic fields (0 Hz – 300 GHz)*	Puudub	-
EN 50497:2007 Soovitatavad katsetusmeetodid polüvinüülkloriidisolatsiooniga ja -mantliga kaablite plastifikaatori eraldumise riski hindamiseks / *Recommended test method for assessment of the risk of plasticizer exudation from PVC insulated and sheathed cables*	Puudub	-
EN 60061-4:1992/A11:2007 Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliks. Osa 4: Juhised ja üldinformatsioon / *Lamp caps and holders together with gauges for the control of interchangeability and safety -- Part 4: Guidelines and general information*	Märkus 3	1.11.2010
EN 60423:2007 Kaablite toru-paigaldussüsteemid. Elektripaigaldustorude välisläbimõõdud ja torude ning garnituuri keermed / *Conduit systems for cable management - Outside diameters of conduits for electrical installations and threads for conduits and fittings*	Puudub	-
EN 60598-2-8:1997/A2:2008 Valgustid. Osa 2: Erinõuded. Jagu 8: Käsivalgustid / *Luminaires - Part 2: Particular requirements - Section 8: Handlamps*	Märkus 3	1.2.2011
EN 60664-5:2007 Madalpingevõrkudes kasutatavate seadmete isolatsiooni koordinatsioon. Osa 5: Üksikasjalik meetod enimalt 2 mm laiuste õhk- ja roomevahemike kindlaksmääramiseks / *Insulation coordination for equipment within low-voltage systems -- Part 5: Comprehensive method for determining clearances and creepage distances equal to or less than 2 mm*	EN 60664-5:2003	1.10.2010
EN 60730-2-3:2007 Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 2-3: Erinõuded torukujuliste luminofoorlampide liiteseadiste termokaitsele / *Automatic electrical controls for household and similar use -- Part 2-3: Particular requirements for thermal protectors for ballasts for tubular fluorescent lamps*	EN 60730-2-3:1992 ja selle muudatused Märkus 2.1	1.9.2010
EN 60730-2-4:2007 Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 2-4: Erinõuded hermeetilist ja poolhermeetilist tüüpi mootorkompressorite mootorite termokaitseseadistele / *Automatic electrical controls for household and similar use -- Part 2-4: Particular requirements for thermal motor protectors for motor-compressors of hermetic and semi-hermetic type*	EN 60730-2-4:1993 ja selle muudatused Märkus 2.1	1.9.2010

EN 60730-2-10:2007 Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 2-10: Erinõuded elektriliselt käitatavatele mootorikäivitusreleedele / *Automatic electrical controls for household and similar use -- Part 2-10: Particular requirements for motor-starting relays*	EN 60730-2-10:1995 ja selle muudatused Märkus 2.1	1.9.2010
EN 60730-2-11:2008 Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 2-11: Erinõuded energiaregulaatoritele / *Automatic electrical controls for household and similar use -- Part 2-11: Particular requirements for energy regulators*	EN 60730-2-11:1993 ja selle muudatused Märkus 2.1	1.10.2010
EN 60730-2-13:2008 Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 2-13: Erinõuded niiskusanduritega juhtimisseadmetele / *Automatic controls for household and similar use -- Part 2-13: Particular requirements for humidity sensing controls*	EN 60730-2-13:1998 ja selle muudatused Märkus 2.1	1.10.2010
EN 60730-2-19:2002/A2:2008 Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 2-19: Erinõuded, sealhulgas mehaanilised nõuded, elektriliselt käitatavatele õliventiilidele / *Automatic electrical controls for household and similar use -- Part 2-19: Particular requirements for electrically operated oil valves, including mechanical requirements*	Märkus 3	1.2.2011
EN 60825-1:2007 Lasertoodete ohutus. Osa 1: Seadmete klassifikatsioon ja nõuded / *Safety of laser products -- Part 1: Equipment classification and requirements*	EN 60825-1:1994 ja selle muudatused Märkus 2.1	1.9.2010
EN 60947-5-2:2007 Madalpingelised lülitus- ja juhtimisaparaadid. Osa 5-2: Juhtimisahelaseadmed ja lülituselemendid. Läheduslülitid / *Low-voltage switchgear and controlgear -- Part 5-2: Control circuit devices and switching elements - Proximity switches*	EN 60947-5-2:1998 ja selle muudatused Märkus 2.1	1.11.2010
EN 60947-5-9:2007 Madalpingelised lülitus- ja juhtimisaparaadid. Osa 5-9: Juhtimisahelaseadmed ja lülituselemendid. Vooluhulgalülitid / *Low-voltage switchgear and controlgear -- Part 5-9: Control circuit devices and switching elements - Flow rate switches*	Puudub	-
EN 60974-2:2008 Kaarkeevitusseadmed. Osa 2: Vedelikjahutussüsteemid / *Arc welding equipment -- Part 2: Liquid cooling systems*	EN 60974-2:2003 Märkus 2.1	1.2.2011
EN 60974-3:2007 Kaarkeevitusseadmed. Osa 3: Kaare süütamis- ja stabiliseerimisseadmed / *Arc welding equipment -- Part 3: Arc striking and stabilizing devices*	EN 60974-3:2003 Märkus 2.1	1.12.2010
EN 60974-5:2008 Kaarkeevitusseadmed. Osa 5: Traadi etteandemehhanismid / *Arc welding equipment -- Part 5: Wire feeders*	EN 60974-5:2002 Märkus 2.1	1.2.2011
EN 61058-1:2002/A2:2008 Seadmelülitid. Osa 1: Üldnõuded / *Switches for appliances -- Part 1: General requirements*	Märkus 3	1.12.2010

EN 61138:2007 Kantavate maandamis- ja lühistamisgarnituuride juhtmed / *Cables for portable earthing and short-circuiting equipment*	EN 61138:1997 ja selle muudatused Märkus 2.1	1.10.2009
EN 61310-1:2008 Masinate ohutus. Tuvastus, märgistus ja aktiveerimine. Osa 1: Nõuded visuaal-, audio- ja puutesignaalidele / *Safety of machinery - Indication, marking and actuation - Part 1: Requirements for visual, auditory and tactile signals*	EN 61310-1:1995 Märkus 2.1	1.12.2010
EN 61310-2:2008 Masinate ohutus. Tuvastust, märgistus ja aktiveerimine. Osa 2: Nõuded märgistusele / *Safety of machinery - Indication, marking and actuation - Part 2: Requirements for marking*	EN 61310-2:1995 Märkus 2.1	1.12.2010
EN 61310-3:2008 Masinate ohutus. Tuvastus, märgistus ja aktiveerimine. Osa 3: Nõuded aktivaatorite asukohale ja talitlusele / *Safety of machinery - Indication, marking and actuation - Part 3: Requirements for the location and operation of actuators*	EN 61310-3:1999 Märkus 2.1	1.12.2010
EN 61557-6:2007 Elektriohutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 6: Rikkevoolukaitseaparaatide efektiivsus TT-, TN- ja IT-süsteemides / *Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures -- Part 6: Effectiveness of residual current devices (RCD) in TT, TN and IT systems*	EN 61557-6:1998 Märkus 2.1	1.10.2010
EN 61558-2-7:2007 Jõutrafode, elektrivarustusseadmete ja muude taoliste seadmete ohutus. Osa 2-7: Erinõuded ja katsetused mänguasjade trafodele ja toiteseadmetele / *Safety of power transformers, power supplies, reactors and similar products -- Part 2-7: Particular requirements and tests for transformers and power supplies for toys*	EN 61558-2-7:1997 ja selle muudatused Märkus 2.1	1.9.2010
EN 62135-2:2008 Takistuskeevitusseadmed. Osa 2: Elektromagnetilise ühilduvuse nõuded / *Resistance welding equipment - Part 2: Electromagnetic compatibility (EMC) requirements*	Puudub	-
EN 62282-3-3:2008 Kütuseelementide kasutamistehnika. Osa 3-3: Kohtkindlad kütuseelement-energiaallikad. Paigaldamine / *Fuel cell technologies - Part 3-3: Stationary fuel cell power systems - Installation*	Puudub	-
EN 62311:2008 Elektroonika- ja elektriseadmete iseloomustus inimesele toimivate elektromagnetväljade (0 Hz kuni 300 GHz) piiramise järgi / *Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)*	Puudub	-

Märkus 1

Tavaliselt on kuupäevaks, mil asendatava standardi järgimisest tulenev vastavuseeldus kehtivuse kaotab („dow"), Euroopa standardiorganisatsiooni kehtestatud tühistamiskuupäev, kuid kõnealuste standardite kasutajate tähelepanu juhitakse asjaolule, et teatavatel erandjuhtudel võib olla ka teisiti.

Märkus 2.1

Uus (või muudetud) standard on sama käsitlusalaga kui asendatav standard. Määratud kuupäevast alates kaotab kehtivuse asendatava standardi järgimisest tulenev eeldatav vastavus direktiivi olulistele nõuetele.

Märkus 2.2

Uue standardi käsitlusala on laiem asendatava standardi käsitlusalast. Määratud kuupäevast alates ei anna asendatav standard vastavuseeldust direktiivi olulistele nõuetele.

Märkus 2.3

Uue standardi käsitlusala on on kitsam asendatava standardi käsitlusalast. Määratud kuupäevast alates ei kehti enam (osaliselt) asendatava standardi vastavuseeldus direktiivi olulistele nõuetele nendele toodetele, mis kuuluvad uue standardi käsitlusalasse. Vastavuseeldus direktiivi olulistele nõuetele kehtib edasi nendele toodetele, mis endiselt (osaliselt) kuuluvad asendatava standardi käsitlusalasse, kuid ei kuulu uue standardi käsitlusalasse.

Märkus 3

Muudatuste puhul on viitestandard EN CCCCC:AAAA, vajaduse korral selle varasemad muudatused ja osutatud uus muudatus. Asendatav standard (veerg 2) koosneb seega standardist EN CCCCC:AAAA ja vajaduse korral selle varasematest muudatustest, kuid ei hõlma osutatud uut muudatust. Osutatud kuupäeval kaotab kehtivuse asendatava standardi järgimisest tulenev vastavuseeldus direktiivi oluliste nõuetega.

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 Majandus- ja Kommunikatsiooniministeeriumi Karl Stern (karl.stern@mkm.ee). Eelnõude terviktekstid ja info EVS Teabekeskusest Signe Ruut tel 605 5062, faks 605 5063, enquiry@evs.ee.

WTO SEKRETARIAADILT SAABUNUD SPS TEATISED

NUMBER & ESITAMIS-KUUPÄEV	RIIK	MÕJUTATAV PIIRKOND/ RIIK	TOODE	EESMÄRK	KOMMEN-TAARIDE ESITAMISE VIIMANE KUUPÄEV
G/SPS/N/CHL/281 31. juuli 2008	TŠIILI	kõik riigid	lõheliste mari	loomatervis	-

G/SPS/N/CHN/110 1. august 2008	HIINA	Belgia, Taani, Soome, Prantsusmaa, Saksamaa, Iirimaa, Itaalia, Leedu, Holland, Norra, Poola, Sloveenia, Hispaania, Rootsi, Šveits, Ühendatud Kuningriik ja USA (Kalifornia ja Oregon) jne	*Phytophthora ramorum* peremeestaimed	taimekaitse	1. oktoober 2008
G/SPS/N/USA/1846 1. august 2008	USA	kõik kaubandus-partnerid	loomad	toiduohutus/ loomatervis	-
G/SPS/N/NOR/28 4. august 2008	NORRA	USA	riis 10 06 1010, 10 06 1090, 10 06 2010, 10 06 2090, 10 06 3010 ja 10 06 3020	toiduohutus	1. november 2008
G/SPS/N/OMN/27 4. august 2008	OMAAN	kõik kaubandus-partnerid	krabid	toiduohutus	60 päeva
G/SPS/N/OMN/28 4. august 2008	OMAAN	kõik kaubandus-partnerid	alkoholivabad joogid	toiduohutus	60 päeva
G/SPS/N/OMN/29 4. august 2008	OMAAN	kõik kaubandus-partnerid	loomasööt	toiduohutus	60 päeva
G/SPS/N/OMN/30 4. august 2008	OMAAN	kõik kaubandus-partnerid	vorstid	toiduohutus	60 päeva
G/SPS/N/OMN/31 4. august 2008	OMAAN	kõik kaubandus-partnerid	kastanikonservid	toiduohutus	60 päeva
G/SPS/N/OMN/32 4. august 2008	OMAAN	kõik kaubandus-partnerid	soolakala	toiduohutus	60 päeva
G/SPS/N/OMN/33 4. august 2008	OMAAN	kõik kaubandus-partnerid	oder	loomatervis	60 päeva
G/SPS/N/OMN/34 4. august 2008	OMAAN	kõik kaubandus-partnerid	mais	toiduohutus	60 päeva
G/SPS/N/OMN/35 4. august 2008	OMAAN	kõik kaubandus-partnerid	sojaoad	toiduohutus	60 päeva
G/SPS/N/OMN/36 4. august 2008	OMAAN	kõik kaubandus-partnerid	kuivatatud liha	toiduohutus	60 päeva

G/SPS/N/USA/1847 4. august 2008	USA	kõik kaubandus-partnerid	erinevad tooted	toiduohutus/ taimekaitse/ inimeste kaitsmine looma- /taime-haiguste või kahjurite eest	28. september 2008
G/SPS/N/BRA/458 5. august 2008	BRASIILIA	kõik riigid	ananass (HS: 0804)	taimekaitse/ inimeste kaitsmine looma- /taime-haiguste või kahjurite eest	-
G/SPS/N/NZL/408 5. august 2008	UUS MEREMAA	kõik riigid	kaslased	loomatervis/ inimeste kaitsmine looma- /taime-haiguste või kahjurite eest/ territooriumi kaitsmine kahjurite eest	-
G/SPS/N/USA/ 1848, 1849 6. august 2008	USA	kõik kaubandus-partnerid	erinevad taimed	toiduohutus/ taimekaitse/ inimeste kaitsmine looma- /taime-haiguste või kahjurite eest	29. september 2008
G/SPS/N/NZL/409 7. august 2008	UUS MEREMAA	kõik riigid	dieettoidud	toiduohutus	25. september 2008
G/SPS/N/IDN/38 8. august 2008	INDONEESIA	kõik riigid	eluskala	loomatervis/ territooriumi kaitsmine kahjurite eest	60 päeva
G/SPS/N/ALB/76 11. august 2008	ALBAANIA	Slovakkia Nitra piirkond	kodu- ja metssead	toiduohutus/ loomatervis/ inimeste kaitsmine looma- /taime-haiguste või kahjurite eest	-
G/SPS/N/CRI/62 11. august 2008	COSTA RICA	kaubandus-partnerid	vorstitooted: vorst, salaami, mortadella ja chorizo ICS: 67.120	toiduohutus	60 päeva

G/SPS/N/CRI/63 11. august 2008	COSTA RICA	kaubandus-partnerid	vahukoor ICS: 67.100.	toiduohutus	60 päeva
G/SPS/N/CRI/64 11. august 2008	COSTA RICA	kaubandus-partnerid	jäätis ICS: 67.100	toiduohutus	60 päeva
G/SPS/N/CRI/65 11. august 2008	COSTA RICA	kaubandus-partnerid	kondenspiim ja taimsed rasvad ICS: 67.100	toiduohutus	60 päeva
G/SPS/N/CRI/66 11. august 2008	COSTA RICA	kaubandus-partnerid	piimapulber ja taimsed rasvad ICS: 67.100	toiduohutus	60 päeva
G/SPS/N/CRI/67 11. august 2008	COSTA RICA	kaubandus-partnerid	suhkruta kondenspiim ja taimsed rasvad ICS: 67.100	toiduohutus	60 päeva
G/SPS/N/JPN/214 11. august 2008	JAAPAN	kõik riigid	toidulisandid (ammoonium-vesinik-*L*-glutamaat)	toiduohutus	60 päeva
G/SPS/N/EEC/333 12. august 2008	EUROOPA ÜHENDUSED	EÜ liikmesriigid, Ukraina ja teised riigid, kes nimetatud toodet EÜ riikidesse ekspordivad	Ukrainast pärinev päevalilleõli CN: 1512 11 91 või 1512 19 90 10	toiduohutus	-
G/SPS/PER/213 12. august 2008	PERUU	Kolumbia	liatris (*Liatris spp*.)	taimekaitse	-
G/SPS/N/EEC/332 12. august 2008	EUROOPA ÜHENDUSED	EÜ liikmesriigid, India ja muud kolmandad riigid, kes nimetatud toodet EÜ riikidesse ekspordivad	guarkummi, CN: 1302 32 90	toiduohutus	-

G/SPS/N/JPN/215 11. august 2008	JAAPAN	kõik riigid	veiseliha (HS: 02.01, 02.02, 02.03, 02.04, 02.05, 02.06, 02.07, 02.08 ja 02.09) kala ja koorikloomad (HS: 03.02, 03.03, 03.04, 03.06 ja 03.07) piimatooted ja munad (HS: 04.01, 04.07 ja 04.08) juurvili ja juured ja mugulad (HS: 07.01, 07.02, 07.03, 07.04, 07.05, 07.06, 07.07, 07.08, 07.09, 07.10, 07.13 ja 07.14) puuvili ja pähklid (HS: 08.01, 08.02, 08.03, 08.04, 08.05, 08.06, 08.07, 08.08, 08.09, 08.10, 08.11 ja 08.14) tee, mate ja vürtsid (HS: 09.02, 09.03, 09.04, 09.05, 09.06, 09.07, 09.08, 09.09, 09.10) teravili (HS: 10.01, 10.02, 10.03, 10.04, 10.05, 10.06, 10.07 and 10.08) õliviljad (HS: 12.01, 12.02, 12.04, 12.05, 12.06, 12.07, 12.08, 12.10, 12.11, 12.12 ja 12.14)	toiduohutus	60 päeva
G/SPS/N/ALB/77 13. august 2008	ALBAANIA	Portugal Alcacer do Sal piirkond	loomad	toiduohutus/ loomatervis/ inimeste kaitsmine looma-/taime-haiguste või kahjurite eest	-

G/SPS/N/ALB/78 13. august 2008	ALBAANIA	Kolumbia, Norte de Santander piirkond	liha, lihatooted ja piimatooted	toiduohutus/ loomatervis/ inimeste kaitsmine looma-/taime-haiguste või kahjurite eest	-
G/SPS/N/BRA/459 13. august 2008	BRASIILIA	kõik riigid	loomasööt	loomatervis	-
G/SPS/N/BRA/460 13. august 2008	BRASIILIA	Nigeeria	India pähklid ehk kašupähklid *Anacardium occidentale* (HS Code 08013)	taimekaitse/ territooriumi kaitsmine kahjurite eest	-
G/SPS/N/NZL/410 13. august 2008	UUS MEREMAA	kõik riigid.	piimatooted	toiduohutus/ inimeste kaitsmine looma-/taime-haiguste või kahjurite eest	30. september 2008
G/SPS/N/SLV/ 82 - 84 13. august 2008	EL SALVADOR	kaubandus-partnerid	kala ja kalatooted: ICS: 67.120.30	inimeste kaitsmine looma-/taime-haiguste või kahjurite eest	60 päeva
G/SPS/N/TPKM/143 14. august 2008	TAIWANI, PENGHU, KINMENI JA MATSU ERALDI TOLLI-TERRITOORIUM	kaubandus-partnerid	laboratooriumi-loomad	loomatervis	-
G/SPS/N/BRA/461 15. august 2008	BRASIILIA	kõik riigid	pestitsiidid baklažaanil, tsitruselistel, ubadel, papaial ja maasikatel	toiduohutus	7. september 2008
G/SPS/N/BRA/462 15. august 2008	BRASIILIA	kõik riigid	pestitsiidid kartulil, melonil, tomatil ja viinamarjades	toiduohutus	7. september 2008
G/SPS/N/BRA/463 15. august 2008	BRASIILIA	kõik riigid	pestitsiidid mangos ja viinamarjades	toiduohutus	7. september 2008
G/SPS/N/BRA/464 15. august 2008	BRASIILIA	kõik riigid	pestitsiidid maisis	toiduohutus	7. september 2008
G/SPS/N/BRA/465 15. august 2008	BRASIILIA	kõik riigid	pestitsiidid guajaavis, peedil, tsitruselistel, maasikates, magusas pipras ja tomatites	toiduohutus	7. september 2008

G/SPS/N/CHL/282 15. august 2008	TŠIILI	Kolumbia	melon	taimekaitse	-
G/SPS/N/CHL/283 15. august 2008	TŠIILI	Hiina	šalottsibulad	taimekaitse	-
G/SPS/N/CRI/68 19. august 2008	COSTA RICA	kaubandus-partnerid	jogurt	toiduohutus/ inimeste kaitsmine looma-/taime-haiguste või kahjurite eest	60 päeva
G/SPS/N/USA/1850 19. august 2008	USA	kõik kaubandus-partnerid	kohvi, granaatõun	toiduohutus/ taimekaitse/ inimeste kaitsmine looma-/taime-haiguste või kahjurite eest	12. september 2008
G/SPS/N/USA/1851 19. august 2008	USA	kõik kaubandus-partnerid	riis	toiduohutus/ taimekaitse/ inimeste kaitsmine looma-/taime-haiguste või kahjurite eest	12. september 2008
G/SPS/N/USA/1852 19. august 2008	USA	kõik kaubandus-partnerid	mais	toiduohutus/ loomatervis/ taimekaitse/ inimeste kaitsmine looma-/taime-haiguste või kahjurite eest	12. september 2008
G/SPS/N/USA/1853 19. august 2008	USA	kõik kaubandus-partnerid	viinamarjad	toiduohutus/ taimekaitse/ inimeste kaitsmine looma-/taime-haiguste või kahjurite eest	12. september 2008
G/SPS/N/USA/1854 19. august 2008	USA	kõik kaubandus-partnerid	erinevad tooted	toiduohutus/ taimekaitse/ inimeste kaitsmine looma-/taime-haiguste või kahjurite eest	12. september 2008

G/SPS/N/USA/1855 19. august 2008	USA	kõik kaubandus-partnerid	puuvili, okra, melon, kurk	toiduohutus/ taimekaitse/ inimeste kaitsmine looma- /taime-haiguste või kahjurite eest	12. september 2008
G/SPS/N/USA/1856 19. august 2008	USA	kõik kaubandus-partnerid	mais, teravili, veised, kitsed, sead, hobused, lambad	toiduohutus/ loomatervis/ taimekaitse/ inimeste kaitsmine looma- /taime-haiguste või kahjurite eest	12. september 2008
G/SPS/N/USA/1857 19. august 2008	USA	kõik kaubandus-partnerid	pähklid	toiduohutus/ taimekaitse/ inimeste kaitsmine looma- /taime-haiguste või kahjurite eest	12. september 2008
G/SPS/N/USA/1858 19. august 2008	USA	kõik kaubandus-partnerid	pistaatsia, mandel	toiduohutus/ taimekaitse/ inimeste kaitsmine looma- /taime-haiguste või kahjurite eest	12. september 2008
G/SPS/N/USA/1859 19. august 2008	USA	kõik kaubandus-partnerid	luuviljalised, kurkr, tomat, münt, piparmünt, kirss	toiduohutus/ taimekaitse/ inimeste kaitsmine looma- /taime-haiguste või kahjurite eest	12. september 2008
G/SPS/N/USA/1860 19. august 2008	USA	kõik kaubandus-partnerid	granaatõun, küdoonia, veised, kitsed, hobused, lambad ja piim	toiduohutus/ loomatervis/ taimekaitse/ inimeste kaitsmine looma- /taime-haiguste või kahjurite eest	12. september 2008

G/SPS/N/USA/ 1861, 1862 19. august 2008	USA	kõik kaubandus-partnerid	oder, kaer, nisu	toiduohutus/ loomatervis/ taimekaitse/ inimeste kaitsmine looma- /taime-haiguste või kahjurite eest	14. oktoober 2008
G/SPS/N/ARM/19 20. august 2008	ARMEENIA	kõik kaubandus-partnerid	loomasööt ja sellega kokkupuutuvad materjalid	loomatervis	-
G/SPS/N/BRA/466 20. august 2008	BRASIILIA	kõik riigid	pestitsiidid	toiduohutus/ inimeste kaitsmine looma- /taime-haiguste või kahjurite eest	-
G/SPS/N/CAN/343 20. august 2008	KANADA	kõik kaubandus-partnerid	püraklostrobiin (ICS: 65.020, 65.100, 67.060, 67.080, 67.200)	toiduohutus/ inimeste kaitsmine looma- /taime-haiguste või kahjurite eest	25. oktoober 2008
G/SPS/N/NZL/411 20. august 2008	UUS MEREMAA	kõik riigid	veterinaar-ravimijääkide piirnormid põllumajanduses kasutatavates ainetes	toiduohutus/ loomatervis/ taimekaitse	15. oktoober 2008
G/SPS/N/OMN/37 20. august 2008	OMAAN	kõik kaubandus-partnerid	kookos ja sellest tooted	toiduohutus/ inimeste kaitsmine looma- /taime-haiguste või kahjurite eest	60 päeva
G/SPS/N/OMN/38 20. august 2008	OMAAN	kõik kaubandus-partnerid	taimsed õlid	toiduohutus/ inimeste kaitsmine looma- /taime-haiguste või kahjurite eest	60 päeva

G/SPS/N/OMN/39 20. august 2008	OMAAN	kõik kaubandus-partnerid	kaseinaat	toiduohutus/ inimeste kaitsmine looma-/taime-haiguste või kahjurite eest	60 päeva
G/SPS/N/OMN/40 20. august 2008	OMAAN	kõik kaubandus-partnerid	pudelis joogivesi	toiduohutus/ inimeste kaitsmine looma-/taime-haiguste või kahjurite eest	60 päeva
G/SPS/N/USA/1863 20. august 2008	USA	Senegal	valge asparaagus (0709201010 ja 0709029010)	taimekaitse	17. oktoober 2008
G/SPS/N/AUS/227 22. august 2008	AUSTRAALIA	kõik riigid	töödeldud toit	toiduohutus/ inimeste kaitsmine looma-/taime-haiguste või kahjurite eest	10. oktoober 2008

G/SPS/N/JPN/216 22. august 2008	JAAPAN	kõik riigid	veiseliha (HS: 02.01, 02.02, 02.03, 02.04, 02.05, 02.06, 02.07, 02.08 ja 02.09) kala ja koorikloomad (HS: 03.02, 03.03, 03.04, 03.06 ja 03.07) piimatooted ja munad (HS: 04.01, 04.07 ja 04.08) juurvili ja juured ja mugulad (HS: 07.01, 07.02, 07.03, 07.04, 07.05, 07.06, 07.07, 07.08, 07.09, 07.10, 07.13 ja 07.14) puuvili ja pähklid (HS: 08.01, 08.02, 08.03, 08.04, 08.05, 08.06, 08.07, 08.08, 08.09, 08.10, 08.11 ja 08.14) tee, mate ja vürtsid (HS: 09.02, 09.03, 09.04, 09.05, 09.06, 09.07, 09.08, 09.09, 09.10) teravili (HS: 10.01, 10.02, 10.03, 10.04, 10.05, 10.06, 10.07 and 10.08) õliviljad (HS: 12.01, 12.02, 12.04, 12.05, 12.06, 12.07, 12.08, 12.10, 12.11, 12.12 ja 12.14) (HS 12.01, 12.02, 12.04, 12.05, 12.06, 12.07, 12.08, 12.10, 12.11, 12.12 and 12.14); taimsed rasvad ja õlid (HS: 15.12)	toiduohutus/ inimeste kaitsmine looma-/taime-haiguste või kahjurite eest	60 päeva
G/SPS/N/PHL/142 22. august 2008	FILIPIINID	Brasiilia	piisonid (HS 0102.90.20)	loomatervis	-

G/SPS/N/PHL/143 22. august 2008	FILIPIINID	Saksamaa	kodulinnud (0105), linnuliha (0207), ühepäevased tibud (0105.11), munad (0407) ja paljundusmaterjal (0511.99)	loomatervis	-
G/SPS/N/PHL/144 22. august 2008	FILIPIINID	Saskatchewan, Kanada	kodulinnud (0105), linnuliha (0207), ühepäevased tibud (0105.11), munad (0407) ja paljundusmaterjal (0511.99)	loomatervis	-
G/SPS/N/PHL/145 22. august 2008	FILIPIINID	Taani	kodulinnud (0105), linnuliha (0207), ühepäevased tibud (0105.11), munad (0407) ja paljundusmaterjal (0511.99)	loomatervis	-
G/SPS/N/IND/56 27. august 2008	INDIA	kõik kaubandus-partnerid	pestitsiidid karboniseeritud vees	toiduohutus/ inimeste kaitsmine looma-/taime-haiguste või kahjurite eest	3. oktoober 2008
G/SPS/N/IND/57 27. august 2008	INDIA	kõik kaubandus-partnerid	taimed ja taimne materjal	taimekaitse/ inimeste kaitsmine looma-/taime-haiguste või kahjurite eest/ territooriumi kaitsmine kahjurite eest	30. september 2008
G/SPS/N/USA/1864 28. august 2008	USA	kaubandus-partnerid	jääsalat ja spinat	toiduohutus/ inimeste kaitsmine looma-/taime-haiguste või kahjurite eest	-

G/SPS/N/NZL/412 29. august 2008	UUS MEREMAA	Austraalia	*Wollemia nobilis* taimed	taimekaitse/ inimeste kaitsmine looma-/taime-haiguste või kahjurite eest/ territooriumi kaitsmine kahjurite eest	20. oktoober 2008

WTO SEKRETARIAADILT SAABUNUD TBT TEATISED

NUMBER & ESITAMIS-KUUPÄEV	RIIK	TOODE/KAUP/ TEENUS	EESMÄRK	KOMMEN-TAARIDE ESITAMISE VIIMANE KUUPÄEV
G/TBT/N/ARM/67 1. august 2008	ARMEENIA	elektrisüsteemid	inimeste elu ja tervise kaitse	60 päeva
G/TBT/N/ARM/68 1. august 2008	ARMEENIA	boilerid	inimeste elu ja tervise kaitse	60 päeva
G/TBT/N/BHR/59 1. august 2008	BAHREIN	pudelivesi (HS: 22 01 90 90)	tarbijakaitse	60 päeva
G/TBT/N/BHR/60 1. august 2008	BAHREIN	sigaretid (ICS: 56.160)	tarbijakaitse	60 päeva
G/TBT/N/BHR/61 1. august 2008	BAHREIN	puuviljamaitseline moassel tubakas (ICS: 56.160)	tarbijakaitse	60 päeva
G/TBT/N/CRI/ 80, 81 1. august 2008	COSTA RICA	jäätis ICS: 67.100.40	inimeste elu ja tervise kaitse, tarbijainfo	60 päeva
G/TBT/N/EEC/ 205, 206 1. august 2008	EUROOPA ÜHENDUSED	loomsed kõrvalsaadused	inimeste ja loomade tervise kaitse	90 päeva
G/TBT/N/EEC/207 1. august 2008	EUROOPA ÜHENDUSED	mootorsõidukid	ohutus ja keskkonnakaitse	90 päeva
G/TBT/N/MEX/149 1. august 2008	MEHHIKO	vee kvaliteet	nõuded	24. september 2008
G/TBT/N/MEX/150 1. august 2008	MEHHIKO	nõuded kahjurite tõrje läbiviijatele	nõuded	-
G/TBT/N/USA/407 1. august 2008	USA	HPV kemikaalid (HS: 29) (ICS: 19, 71.080)	inimeste tervise ja keskkonnakaitse	22. oktoober 2008
G/TBT/N/CHE/99 5. august 2008	ŠVEITS	toiduga kokkupuutuvad materjalid (plastik, silikoon)	tarbijakaitse	15. oktoober 2008
G/TBT/N/CHE/100 5. august 2008	ŠVEITS	mänguasjad	nõuete vastavusse viimine EL tarbijakaitse-reeglitega	15. oktoober 2008

G/TBT/N/TUN/21 5. august 2008	TUNEESIA	värsked kartulid ja tomatid	tarbijapettuste/-eksituste vältimine	10. september 2008
G/TBT/N/TUN/22 5. august 2008	TUNEESIA	pakendatud mineraal- ja joogivesi	rahva tervise kaitse ja tarbijaeksituste vältimine	10. september 2008
G/TBT/N/BHR/63 7. august 2008	BAHREIN	datlid (HS: 08.04; ICS: 67.080)	tarbijakaitse	60 päeva
G/TBT/N/BHR/64 7. august 2008	BAHREIN	lamba-, kitse-, kaamli- ja piisoni- organid ja sisikond (jahutatud või külmutatud) (ICS: 67.120.10)	tarbijakaitse	60 päeva
G/TBT/N/BHR/65 7. august 2008	BAHREIN	kookosest tooted	tarbijakaitse	60 päeva
G/TBT/N/BHR/66 7. august 2008	BAHREIN	kaseinaat	tarbijakaitse	60 päeva
G/TBT/N/BHR/67 7. august 2008	BAHREIN	taimeõlid	tarbijakaitse	60 päeva
G/TBT/N/BRA/296 7. august 2008	BRASIILIA	kummikindad	ohutus	30 päeva
G/TBT/N/BRA/297 7. august 2008	BRASIILIA	ravimid	inimeste tervis	-
G/TBT/N/BRA/298 7. august 2008	BRASIILIA	isikukaitsevahendid	inimeste tervise kaitse	30 päeva
G/TBT/N/CAN/248 7. august 2008	KANADA	toiduallergeenid (ICS: 67.040, 67.160, 67.220)	inimeste tervise kaitse	24. oktoober 2008
G/TBT/N/EEC/207 7August 2008	EUROOPA ÜHENDUSED	49 pestitsiid aktiivainet	nõuded	60 päeva
G/TBT/N/KOR/181 7. august 2008	KOREA VABARIIK	veiseliha, sealiha, kanaliha, riis, kimchi	tarbijainfo	60 päeva
G/TBT/N/PER/20 7. august 2008	PERUU	sanitaartehnilised tarvikud joogiveesüsteemides	inimeste tervise kaitse ja ohutus	30. oktoober 2008
G/TBT/N/USA/408 7. august 2008	USA	karbofuraan (HS 38.0810: ICS 71.100, 65.100)	inimeste tervise kaitse	29. september 2008
G/TBT/N/COL/115 12. august 2008	KOLUMBIA	süsinik-tsink patareid ja leelispatareid HS: 8506.10, 8506.10.11.00, 8506.10.19.00, 8506.10.91, 8506.10.91.10, 8506.10.91.90, 8506.10.99.00 ja 8506.80	keskkonnakaitse ja tarbijaeksimuste vältimine	4. november 2008
G/TBT/N/CRI/82 12. august 2008	COSTA RICA	jogurt ICS: 67.100.01	inimeste elu ja tervise kaitse, tarbijainfo	60 päeva
G/TBT/N/EEC/ 208, 209 12. august 2008	EUROOPA ÜHENDUSED	elektri- ja elektroonilised kodused ja kontoriseadmed	nõuded	60 päeva

G/TBT/N/ISR/216 12. august 2008	IISRAEL	pesuvahendid nõudepesumasinale (HS: 34.02; ICS: 71.100.40).	inimeste tervise kaitse	12. september 2008
G/TBT/N/JPN/263 12. august 2008	JAAPAN	keemilised ained	ohutus	60 päeva
G/TBT/N/JPN/264 12. august 2008	JAAPAN	mootorsõidukid (HS: 87.01-08, 87.11, 87.13-14 ja 87.16)	ohutus	22. september 2008
G/TBT/N/KOR/182 12. august 2008	KOREA VABARIIK	toit	tarbijakaitse	60 päeva
G/TBT/N/MEX/151 12. august 2008	MEHHIKO	meditsiinilise abi osutajad	nõuded	29. september 2008
G/TBT/N/MEX/152 12. august 2008	MEHHIKO	veeloomad	nõuded	30. september 2008
G/TBT/N/NZL/46 12. august 2008	UUS MEREMAA	toit	toiduohutus ja rahva tervis	6. oktoober 2008
G/TBT/N/EEC/210 15. august 2008	EUROOPA ÜHENDUSED	puu- ja juurvili (ICS: 67)	määruse (EC) No 1580/2007 lihtsustamine	60 päeva
G/TBT/N/IND/35 15. august 2008	INDIA	mootorsõidukid	ohutus ja õhusaaste kontroll	10. oktoober 2008
G/TBT/N/SGP/4 15. august 2008	SINGAPUR	kuivatid	energiaklasside määratlemine	6. oktoober 2008
G/TBT/N/SGP/5 15. august 2008	SINGAPUR	mootorsõidukid	nõuded	6. oktoober 2008
G/TBT/N/SLV/ 122 - 124 15. august 2008	EL SALVADOR	kala- ja kalatooted HS: 03; 1603 kuni 1605 ICS: 67.120.30	inimeste tervise kaitse	60 päeva
G/TBT/N/ISR/217 18. august 2008	IISRAEL	lampide juhtimisseadised (ICS: 29.120.40; HS: 85.35, 85.36)	inimeste tervise kaitse ja kaubandustõkete vähendamine	60 päeva
G/TBT/N/ISR/218 18. august 2008	IISRAEL	akvaariumivalgustid (HS: 8539; ICS: 29.140.40)	inimeste tervise kaitse ja kaubandustõkete vähendamine	60 päeva
G/TBT/N/ISR/219 18. august 2008	IISRAEL	kantavad tulekustutid (HS: 84.24.100; ICS: 13.220.10)	inimeste tervise kaitse	60 päeva
G/TBT/N/ISR/220 18. august 2008	IISRAEL	madalpingelised lülitusseadmed ja nende juhtseadmed (HS: 85.35; ICS: 29.130.20, 29.240.99)	inimeste tervise kaitse ja kaubandustõkete vähendamine	60 päeva
G/TBT/N/ISR/221 18. august 2008	IISRAEL	biokütus (HS: 2710.1000, 1518; ICS: 75.160.20).	inimeste tervise kaitse ja kaubandustõkete vähendamine	60 päeva
G/TBT/N/ISR/222 18. august 2008	IISRAEL	hoonete ventilatsioon (ICS: 91.140.30).	inimeste tervise kaitse ja kaubandustõkete vähendamine	60 päeva

G/TBT/N/TTO/ 48, 49 18. august 2008	TRINIDAD JA TOBAGO	sisseehitatud liiteseadisega üldtarbelambid (ICS: 29.140.30)	nõuded ohutusele ja kvaliteedile	1. september 2008
G/TBT/N/TTO/50 18. august 2008	TRINIDAD JA TOBAGO	hooajalised ja pühadeks mõeldud dekoratiivtooted (ICS 29.140.00)	nõuded ohutusele ja kvaliteedile	1. september 2008
G/TBT/N/TTO/ 51, 52 18. august 2008	TRINIDAD JA TOBAGO	vooluallikad (ICS: 29.180.00)	nõuded ohutusele ja kvaliteedile	1. september 2008
G/TBT/N/TTO/53 18. august 2008	TRINIDAD JA TOBAGO	elektrijuhtmed ja kaablid (ICS: 29.060.00)	nõuded ohutusele ja kvaliteedile	1. september 2008
G/TBT/N/TTO/54 18. august 2008	TRINIDAD JA TOBAGO	mootorid (ICS: 29.160.30)	nõuded ohutusele ja kvaliteedile	1. september 2008
G/TBT/N/TTO/55 18. august 2008	TRINIDAD JA TOBAGO	katkematu toite süsteemid (ICS: 29.240)	nõuded ohutusele ja kvaliteedile	1. september 2008
G/TBT/N/TTO/56 18. august 2008	TRINIDAD JA TOBAGO	valgustid (ICS: 29.140.40)	nõuded ohutusele ja kvaliteedile	1. september 2008
G/TBT/N/TTO/57 18. august 2008	TRINIDAD JA TOBAGO	audio-videoseadmed (ICS: 33.160.01)	nõuded ohutusele ja kvaliteedile	1. september 2008
G/TBT/N/MEX/153 20. august 2008	MEHHIKO	värvid, tindid, lakid, poleerid ja emailid	nõuded	-
G/TBT/N/URY/3 21. august 2008	URUGUAI	seemned ja taimne paljundusmaterjal	ohutu kaubandus	1. september 2008
G/TBT/N/KOR/183 27. august 2008	KOREA VABARIIK	ravimtaimed	inimeste tervise kaitse	60 päeva
G/TBT/N/OMN/37 27. august 2008	OMAAN	halal toit	tarbijate tervis	60 päeva
G/TBT/N/TTO/59 27. august 2008	TRINIDAD AND TOBAGO	kaitsevahendid jalgadele (ICS: 13.340.50)	tarbijakaitse	27. september 2008
G/TBT/N/VNM/3 27. august 2008	VIETNAM	tööstuses kasutatavad lõhkeained HS 3602.00 ja HS 3603.00)	inimeste ohutus ja keskkonnakaitse	90 päeva
G/TBT/N/CAN/249 28. august 2008	KANADA	mootorsõidukid (ICS: 43.020, 43.040)	inimeste ohutus	16. oktoober 2008
G/TBT/N/CAN/250 28. august 2008	KANADA	sõiduki valmistajatehase tähis (VIN) (ICS: 43.020)	nõuded	11. september 2008
G/TBT/N/CAN/251 28. august 2008	KANADA	õhusõidukid (ICS: 33.020, 49.020)	inimeste ohutus	23. oktoober 2008
G/TBT/N/CHN/429 28. august 2008	HIINA	mootorrattad ja mopeedid (ICS: 43.140; HS:8711)	liiklusohutus	60 päeva
G/TBT/N/CHN/430 28. august 2008	HIINA	mopeedid (ICS: 43.140; HS:8711)	tururegulatsioon ja energiasäästmine	60 päeva
G/TBT/N/CHN/431 28. august 2008	HIINA	mootorrattad (ICS: 43.140; HS: 8711)	tururegulatsioon ja energiasäästmine	60 päeva

G/TBT/N/CHN/432 28. august 2008	HIINA	juveelitooted (ICS: 39.060)	inimeste tervise kaitse	60 päeva
G/TBT/N/CHN/433 28. august 2008	HIINA	edisonkeermega lambipesad (ICS: 29.140.10)	tururegulatsioon, kvaliteedi parandamine ja tooteohutus	60 päeva
G/TBT/N/CHN/434 28. august 2008	HIINA	pliidid (ICS: 97.040.10)	tururegulatsioon ja inimeste ohutuse tagamine	60 päeva
G/TBT/N/CHN/435 28. august 2008	HIINA	nõudepesumasinad (ICS: 97.040.40; HS: Y63)	tururegulatsioon ja inimeste ohutuse tagamine	60 päeva
G/TBT/N/CHN/436 28. august 2008	HIINA	elektrisüsteemid (ICS: 29.120.60; HS: 8535).	tururegulatsioon ja inimeste ohutuse tagamine	60 päeva
G/TBT/N/CHN/ 437, 438 28. august 2008	HIINA	elektritööriistad (ICS: 25.140.20).	inimeste ohutus	60 päeva
G/TBT/N/CHN/439 28. august 2008	HIINA	elektrisaed (ICS: 25.140.20; HS: 84672990).	inimeste ohutus	60 päeva
G/TBT/N/ARM/69 29. august 2008	ARMEENIA	loomasööt, loomasöödaga kokkupuutuvad materjalid	toiduohutus, inimeste ja loomad elu ja tervise kaitse	-
G/TBT/N/BHR/68 29. august 2008	BAHREIN	kuivatatud liha (ICS: 67.120.10)	nõuded	60 päeva
G/TBT/N/BHR/69 29. august 2008	BAHREIN	vorstid (ICS: 67.120.10)	tarbijakaitse	60 päeva
G/TBT/N/BHR/70 29. august 2008	BAHREIN	sojaoad	tarbijakaitse	60 päeva
G/TBT/N/BHR/71 29. august 2008	BAHREIN	soolakala (ICS: 67.120.30)	tarbijakaitse	60 päeva
G/TBT/N/BHR/72 29. august 2008	BAHREIN	energiajoogid	tarbijakaitse	60 päeva
G/TBT/N/BHR/73 29. august 2008	BAHREIN	guajaav	tarbijakaitse	60 päeva
G/TBT/N/BHR/74 29. august 2008	BAHREIN	kastanikonservid	tarbijakaitse	60 päeva
G/TBT/N/BHR/75 29. august 2008	BAHREIN	mais	tarbijakaitse	60 päeva
G/TBT/N/BHR/76 29. august 2008	BAHREIN	koorikloomad (ICS: 67.120.30)	tarbijakaitse	60 päeva
G/TBT/N/BHR/77 29. august 2008	BAHREIN	oder	tarbijakaitse	60 päeva
G/TBT/N/BHR/78 29. august 2008	BAHREIN	loomasööt	tarbijakaitse	60 päeva
G/TBT/N/CHN/440 29. august 2008	HIINA	suured aurusterilisaatorid (ICS: 11.080.10; HS: 8419)	ohutus	60 päeva
G/TBT/N/CHN/442 29. august 2008	HIINA	tekstiilid (ICS: 59.080.01, HS: 5001 - 5604, 5801 - 5804, 6001 - 6310).	tururegulatsioon	60 päeva

G/TBT/N/CHN/443 29. august 2008	HIINA	jaemüük	tururegulatsioon	60 päeva
G/TBT/N/ISR/223 29. august 2008	IISRAEL	hõõglambid (HS: 8539.2110; ICS: 29.140.20).	kaubandustõkete kõrvaldamine ja kaubanduse soodustamine	60 päeva
G/TBT/N/ISR/224 29. august 2008	IISRAEL	käsitsi lükatavad ratastoolid (HS: 8713; ICS: 11.180.10).	kaubandustõkete kõrvaldamine ja kaubanduse soodustamine	60 päeva
G/TBT/N/ISR/225 29. august 2008	IISRAEL	elektrilised nõudepesumasinad (HS: 8422.11; ICS: 97.040.40).	kaubandustõkete kõrvaldamine ja kaubanduse soodustamine	60 päeva
G/TBT/N/ISR/226 29. august 2008	IISRAEL	trepikattematerjalid (HS: 6802.90 ; ICS: 91.060.30, 91.100.15).	inimeste tervise kaitse ja kaubandustõkete vähendamine	60 päeva
G/TBT/N/ISR/227 29. august 2008	IISRAEL	pooljuhtseadmed (HS: 85.02, 8504.40.70; ICS: 31.080, 29.200, 17.220, 31.100.10).	kaubandustõkete kõrvaldamine ja kaubanduse soodustamine	60 päeva
G/TBT/N/ISR/228 29. august 2008	IISRAEL	volframniitlambid (HS: 8539.2110; ICS: 29.140.20)	kaubandustõkete kõrvaldamine ja kaubanduse soodustamine	60 päeva
G/TBT/N/ISR/229 29. august 2008	IISRAEL	luminofoorlambid (HS: 8539.30; ICS: 29.140.30).	kaubandustõkete kõrvaldamine ja kaubanduse soodustamine	60 päeva
G/TBT/N/ISR/230 29. august 2008	IISRAEL	katkematu toite süsteemid (UPS) (H 8504.40.70; ICS: 29.200, 17.220, 31.100.10).	inimeste tervise kaitse	60 päeva
G/TBT/N/KEN/ 120, 121 29. august 2008	KEENIA	meditsiinilised gaasid (ICS: 11.040)	tarbijaohutus	60 päeva
G/TBT/N/ZAF/85 29. august 2008	LÕUNA AAFRIKA	päevalilleseemned (HS: 12.06)	tarbijaohutus ja -info	18. oktoober 2008
G/TBT/N/ZAF/86 29. august 2008	LÕUNA AAFRIKA	sojaoad (HS: 12.01)	tarbijaohutus ja -info	18. oktoober 2008

UUED STANDARDID JA KAVANDID ARVAMUSKÜSITLUSEKS

EVS Teataja avaldab andmed uutest vastuvõetud Eesti standarditest ja avalikuks arvamusküsitluseks esitatud standardite kavanditest rahvusvahelise standardite klassifikaatori (ICS) järgi. Samas jaotises on toodud andmed nii eesti keeles avaldatud, kui ka jõustumisteatega Eesti standarditeks ingliskeelsetena vastuvõetud rahvusvahelistest ja Euroopa standarditest.
Eesmärgiga tagada standardite vastuvõtmine järgides konsensuse põhimõtteid, peab standardite vastuvõtmisele eelnema standardite kavandite avalik arvamusküsitlus, milleks ettenähtud perioodi jooksul (reeglina 2 kuud) on asjast huvitatuil võimalik tutvuda standardite kavanditega, esitada kommentaare ning teha ettepanekuid parandusteks.

Arvamusküsitlusele on esitatud:

1. Euroopa ja rahvusvahelised standardid ning standardikavandid, mis on kavas vastu võtta Eesti standarditeks jõustumisteatega. Kavandid on kättesaadavad reeglina inglise keeles EVS klienditeeninduses ning standardiosakonnas. EVS tehnilistel komiteedel on võimalik saada koopiaid oma käsitlusalaga kokkulangevatest standardite kavanditest EVS kontaktisiku kaudu.

2. Eesti algupäraste standardite kavandid, mis Eesti standardimisprogrammi järgi on jõudnud arvamusküsitluse etappi.

Arvamusküsitlusel olevate dokumentide loetelus on esitatud järgnev informatsioon standardikavandi või standardi kohta:

- Tähis (eesliide pr Euroopa ja DIS rahvusvahelise kavandi puhul)
- Viide identsele Euroopa või rahvusvahelisele dokumendile
- Arvamusküsitluse lõppkuupäev (arvamuste esitamise tähtaeg)
- Pealkiri
- Käsitlusala
- Keelsus (en=inglise; et=eesti)

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). Soovitame arvamusküsitlusele pandud standarditega tutvuda igakuiselt kasutades EVS infoteenust või EVS Teatajat. Kui see ei ole võimalik, siis alati viimase kahe kuu nimekirjadega kodulehel ja EVS Teatajas, kuna sellisel juhul saate info kõigist hetkel kommenteerimisel olevatest kavanditest.

Kavanditega tutvumiseks palume saata vastav teade aadressile standardiosakond@evs.ee, kavandeid saab osta klienditeenindusest standard@evs.ee.

Vastavad vormid arvamuse avaldamiseks Euroopa ja rahvusvaheliste standardikavandite ning algupäraste Eesti standardikavandite kohta leiate EVS koduleheküljelt www.evs.ee .

ICS PÕHIRÜHMAD

ICS Nimetus

01 Üldküsimused. Terminoloogia. Standardimine. Dokumentatsioon
03 Teenused. Ettevõtte organiseerimine, juhtimine ja kvaliteet. Haldus. Transport. Sotsioloogia
07 Matemaatika. Loodusteadused
11 Tervisehooldus
13 Keskkonna- ja tervisekaitse. Ohutus
17 Metroloogia ja mõõtmine. Füüsikalised nähtused
19 Katsetamine
21 Üldkasutatavad masinad ja nende osad
23 Üldkasutatavad hüdro- ja pneumosüsteemid ja nende osad
25 Tootmistehnoloogia
27 Elektri- ja soojusenergeetika
29 Elektrotehnika
31 Elektroonika
33 Sidetehnika
35 Infotehnoloogia. Kontoriseadmed
37 Visuaaltehnika
39 Täppismehaanika. Juveelitooted
43 Maanteesõidukite ehitus
45 Raudteetehnika
47 Laevaehitus ja mereehitised
49 Lennundus ja kosmosetehnika
53 Tõste- ja teisaldusseadmed
55 Pakendamine ja kaupade jaotussüsteemid
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 Rajatised
95 Sõjatehnika
97 Olme. Meelelahutus. Sport
99 Muud

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

UUED STANDARDID

EVS-EN 15016-2:2005/AC:2007

Hind 0,00

Identne EN 15016-2:2004/AC:2007

Tehnilised joonised. Raudteealased rakendused. Osa 2: Osade loetelud

Keel en

EVS-EN ISO 11145:2008

Hind 190,00

Identne EN ISO 11145:2008

ja identne ISO 11145:2006

Optika ja optikamõõteriistad. Laserid ja laseriga seonduvad seadmed. Sõnastik ja sümbolid

This International Standard defines basic terms,symbols and units of measurement for the field oflaser technology in order to unify the terminology and to arrive at clear definitions and reproducible testsof beam parameters and laser-oriented productproperties.

Keel en

Asendab EVS-EN ISO 11145:2006

ASENDATUD VÕI TÜHISTATUD STANDARDID

CEN/TS 15398:2006

Identne CEN/TS 15398:2006

Resilient, textile and laminate floor coverings - Floor covering standard symbols

This document establishes a system of graphic symbols for use in the marking of the following floor coverings and specifies the use of these symbols.– Resilient floor coverings manufactured from plastics, linoleum, cork or rubber, excluding loose-laid mats; – textile floor coverings, excluding loose-laid mats; – laminate floor coverings; – floor panels for loose laying.

Keel en

Asendatud CEN/TS 15398:2008

EVS-EN 1094-1:1999

Identne EN 1094-1:1997

Tulekindlad isolatsioonitooted. Osa 1: Keraamilisest kiust toodete terminoloogia

See Euroopa standard määratleb terminid, mis käivad keraamilisest kiust toodete hulka liigitatud tulekindlate toodete ja materjalide kohta.

Keel en

Asendatud EVS-EN 1094-1:2008

EVS-EN 13848-1:2004

Identne EN 13848-1:2003

Raudteealased rakendused/Rööbastee. Rööbastee geomeetria kvaliteet. Osa 1: Rööbastee geomeetria iseloomustus

This Part of this European Standard specifies the requirements for the homologation of track geometry quality parameters as measured by various measuring devices. These measuring devices are described in Parts 2, 3, 4 of the standard. This European Standard applies to all track geometry parameters including track gauge, longitudinal level, alignment, cross level (cant / superelevation) and twist. It defines each parameter and specifies the requirements for measurement, the analysis methods and the presentation of results.

Keel en

Asendatud EVS-EN 13848-1:2004+A1:2008

EVS-EN ISO 11145:2006

Identne EN ISO 11145:2006

ja identne ISO 11145:2006

Optika ja optikamõõteriistad. Laserid ja laseriga seonduvad seadmed. Sõnastik ja sümbolid

See rahvusvaheline standard määratleb lasertehnoloogia valdkonnas põhiterminid, sümbolid ja mõõtühikud, et ühtlustada terminoloogiat ja saavutada selged määratlused ja laserikiire parameetrite korduvkatsed ning lasertehnoloogia alusel valmistatud toodangu reprodutseeritavad omadused.

Keel en

Asendab EVS-EN ISO 11145:2002

Asendatud EVS-EN ISO 11145:2008

KAVANDITE ARVAMUSKÜSITLUS

EN 415-1:2000/prA1

Identne EN 415-1:2000/prA1:2008

Tähtaeg 29.11.2008

Pakkemasinate ohutus. Osa 1: Pakkemasinate ja tarvikute terminoloogia ja klassifikatsioon

This European standard defines the field of packaging machines in detail in clause 3, but briefly these are: filling and dosing machines; closing machines; labelling, decorating and coding machines; fill and seal machines; inspection machines; container and componenthandling machines; form, fill and seal machines; cartoning machines; wrapping machines; group of transit packaging machines; pallet or loading unit forming, dismantling and securing machines.

Keel en

FprEN 80000-14

Identne FprEN 80000-14:2008

ja identne IEC 80000-14:2008

Tähtaeg 30.10.2008

Quantities and units -- Part 14: Telebiometrics related to human physiology

In this part of ISO/IEC 80000 names, symbols, and definitions for quantities and units of telebiometrics related to human physiology are given. This part of ISO/IEC 80000 encompasses quantities and units for physiological, biological or behavioural characteristics that might provide input or output to telebiometric identification or verification systems (recognition systems), including any known detection or safety thresholds. It also includes quantities and units concerned with effects on a human being caused by the use of a telebiometric device. A code and an associated graphical symbol for the identification of the type of a telebiometric device are also specified in this part of ISO/IEC 80000.

Keel en

prEN 459-1

Identne prEN 459-1:2008

Tähtaeg 30.10.2008

Ehituslubi. Osa 1: Määratlused, spetsifikatsioon ja vastavuskriteeriumid

This European Standard applies to building lime used for - preparation of binder for mortar (for example for masonry, rendering and plastering), - production of other construction products (for example calcium silicate bricks, autoclaved aerated concrete, concrete, etc.), - civil engineering applications (for example soil treatment, hot mix asphalt, etc.). It gives definitions for the different types of building lime and its classification. It also gives requirements for their chemical and physical properties which depend on the type of building lime and specifies the conformity criteria. Terms of delivery or other contractual conditions, normally included in documents exchanged between the supplier and the purchaser of building lime, are outside the scope of this European Standard.

Keel en

Asendab EVS-EN 459-1:2006

prEN ISO 10991

Identne ISO/DIS 10991:2008

ja identne prEN ISO 10991:2008

Tähtaeg 29.11.2008

Micro process engineering - Terminology

This International Standard gives terms and definitions for micro process engineering applied in chemistry, pharmacy, biotechnology and food technology. This vocabulary is drafted in accordance with the principles layed down in ISO 704 [1] and has been prepared and designed in accordance with ISO 10241 [2].

Keel en

03 TEENUSED. ETTEVÕTTE ORGANISEERIMINE, JUHTIMINE JA KVALITEET. HALDUS. TRANSPORT. SOTSIOLOOGIA

UUED STANDARDID

CEN/TR 10345:2008

Hind 221,00

Identne CEN/TR 10345:2008

Guideline for statistical data treatment of inter laboratory tests for validation of analytical methods

This document is a guideline to the performance of the statistical evaluation of data from an inter laboratory test for method validation. Its purpose is to detail the methodology of ISO 5725-1, -2 and -3 for the treatment of registered data in the conditions used within the ECISS/TC 20 working groups

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 13848-1:2004

Identne EN 13848-1:2003

Raudteealased rakendused/Rööbastee. Rööbastee geomeetria kvaliteet. Osa 1: Rööbastee geomeetria iseloomustus

This Part of this European Standard specifies the requirements for the homologation of track geometry quality parameters as measured by various measuring devices. These measuring devices are described in Parts 2, 3, 4 of the standard. This European Standard applies to all track geometry parameters including track gauge, longitudinal level, alignment, cross level (cant / superelevation) and twist. It defines each parameter and specifies the requirements for measurement, the analysis methods and the presentation of results.

Keel en

Asendatud EVS-EN 13848-1:2004+A1:2008

KAVANDITE ARVAMUSKÜSITLUS

prEVS 902

ja identne IWA 2:2007

Tähtaeg 30.10.2008

Kvaliteedijuhtimisssüsteemid- Juhised ISO 9001 rakendamiseks hariduses (IWA 2:2007)

Käesolev rahvusvahelise töörühma kokkulepe annab juhised haridusasutustele mõjusa kvaliteedijuhtimissüsteemi loomiseks, olles kooskõlas ja tuginedes standardile ISO 9001:2000. Selle rahvusvahelise töörühma kokkuleppe sihiks on haridusasutuse kvaliteedijuhtimissüsteemi üldise mõjususe ja õppijale haridusteenuse osutamise ning pideva parendamise kindlustamine.

Keel et

prEVS 903

Tähtaeg 30.10.2008

Kvaliteedijuhtimissüsteemid. Juhised standardi ISO 9001 rakendamiseks kohalikus omavalitsuses (IWA 4:2005)

Käesolev IWA 4 valmistati ette selleks, et pakkuda kogu maailma kohalikele omavalitsustele järjekindlat lähenemisviisi kvaliteedijuhtimisele. Selle eesmärgiks on "tõlkida" ISO 9001:2000 tehniline keel kohaliku omavalitsuse inimestele kasutajasõbralikumasse keelde. Seejuures ergutatakse ja julgustatakse kohalikke omavalitusi ISO 9001:2000 kasutama. Ometi, kuna erinevate regioonide ja kultuuripiirkondade kohalike omavalitsuste spetsiifilised asjaolud paratamatult erinevad, on oluline teadvustada, et ei ole olemas ühte ettekirjutatud teed ISO 9001:2000 nõuetele toetuva kvaliteedijuhtimissüsteemi juurutamiseks. Iga kohalik omavalitsus kohandab käesolevas dokumendis pakutud näited oma spetsiifiliste situatsiooni ja tingimustele kohaseks.

Keel et

prCEN/TR 15367-3

Identne prCEN/TR 15367-3:2008

Tähtaeg 30.10.2008

Petroleum products - Guide for good housekeeping - Part 3: Prevention of cross contamination

This document provides general guidance on automotive fuel handling. It does not pre-empt national or local regulations. It only addresses the issue of cross contamination between petrol and diesel automotive fuels that may occur in the supply chain, during manufacturing, storage, transportation or distribution. There may also be a risk of contamination with other products such as kerosene/jet fuel and off road diesel. The guidance principles described in this document would apply equally to managing these risks although some details may be different.

Keel en

prCEN/TS 15436-3

Identne prCEN/TS 15436-3:2008

Tähtaeg 29.09.2008

Road service area maintenance equipment - Part 3: Classification

This Technical Specification defines the classification criteria of the road service area maintenance equipment described in the scope of EN 15436-1 and used for: - grass cutting and brushcutting; - mechanical plant cutting. This equipment is mounted on self-propelled carrying vehicles, and is intended, on the one hand, for cutting and shredding grass and brushwood, and, on the other hand, for trimming trees, saplings and bushes in road service areas.

Keel en

prEVS 875-10

Tähtaeg 30.10.2008

Vara hindamine. Osa 10: Hinnatava objekti ülevaatus

Standardiseeria EVS 875 käsitleb vara hindamist. Standardite kasutusalaks on vara hindamise ja hinnangute kasutamisega seotud tegevused, eelkõige laenutagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajateks on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidiasutused, kõrgemad õppeasutused.Standardite olemasolu loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi.

Keel et

11 TERVISEHOOLDUS

UUED STANDARDID

EVS-EN 60601-2-31:2008

Hind 208,00

Identne EN 60601-2-31:2008

ja identne IEC 60601-2-31:2008

Medical electrical equipment -- Part 2-31: Particular requirements for the basic safety and essential performance of external cardiac pacemakers with internal power source

This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of EXTERNAL PACEMAKERS powered by an INTERNAL ELECTRICAL POWER SOURCE, hereafter referred to as ME EQUIPMENT. This standard applies to PATIENT CABLES as defined in 201.3. 109. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant. HAZARDS inherent in the intended physiological function of ME EQUIPMENT within the scope of this standard are not covered by specific requirements in this standard except in 7.2.13 and 8.4.1 of the general standard.

Keel en

Asendab EVS-EN 60601-2-31:2001

EVS-EN 61223-3-2:2008

Hind 246,00

Identne EN 61223-3-2:2008

ja identne IEC 61223-3-2:2007

Meditsiiniliste kuvamisastuste hindamine ja tavakatsetused. Osa 3-2: Aktsepteerimiskatsetused. Mammograafiliste röntgenseadmete kuvatoimivus

This part of IEC 61223 applies to the effectiveness of mammographic X-RAY EQUIPMENT, with respect to image quality and dose, in combination with aspects of EQUIPMENT safety. This standard applies to mammographic X-RAY EQUIPMENT and MAMMOGRAPHIC STEREOTACTIC DEVICES. The tests described in this standard require the quality and performance of the X-RAY IMAGE RECEPTORS to be assured prior to the acceptance testing when they are not an integral part of the mammographic X-RAY EQUIPMENT. This includes RADIOGRAPHIC FILMS, INTENSIFYING SCREENS, RADIOGRAPHIC CASSETTES, storage phosphor plates and ASSOCIATED EQUIPMENT such as film processors or storage phosphor plate readers, IMAGE DISPLAY DEVICES and HARD COPY CAMERAS. For testing RADIOGRAPHIC CASSETTES and INTENSIFYING SCREENS, this standard makes reference to ISO 4090. Sensitivity and contrast for the screen-film image receptors are considered to be stated according to ISO 9236-3.

Keel en

EVS-EN 61675-1:2002/A1:2008

Hind 73,00

Identne EN 61675-1:1998/A1:2008

ja identne IEC 61675-1:1998/A1:2008

Radionuclide imaging devices - Characteristics and test conditions - Part 1: Positron emission tomographs

Specifies terminology and test methods for declaring the characteristics of positron emission tomographs. Positron emission tomographs detect the annihilation radiation of positron emitting radionuclides by coincidence detection. It is intended that the test methods be carried out by the manufacturers, thereby enabling them to declare the characteristics of positron emission tomographs. So, the specifications given in the accompanying documents shall be in accordance with this standard.

Keel en

EVS-EN ISO 3823-2:2004/A1:2008

Hind 73,00

Identne EN ISO 3823-2:2003/A1:2008

ja identne ISO 3823-2:2003/Amd 1:2008

Stomatoloogia. Pöörlevad poleerimisseadmed. Osa 2: Viimistlusvahendid

This part of ISO 3823 specifies dimensional and other relevant requirements for the 17 most commonly used shapes of steel and carbide finishing burs, including a quality control and specifications for labelling of these instruments.

Keel en

EVS-EN ISO 8537:2008

Hind 162,00

Identne EN ISO 8537:2008

ja identne ISO 8537:2007

Sterile single-use syringes, with or without needle, for insulin

Käesolev standard esitab nõuded ja testimismeetodid peamiselt inimestele ning ainult insuliini süstimiseks ettenähtud steriilsetele ühekordselt kasutatavatele süstaldele, mis on koos nõeltega või ilma. Standard hõlmab süstlaid, mis on ette nähtud insuliini jaoks, milles on 40 ühikut insuliini/ml (U-40) ja 100 ühikut insuliini/ml (U-100).

Keel en

Asendab EVS-EN ISO 8537:1999/A1:2001; EVS-EN ISO 8537:1999

EVS-EN ISO 9170-1:2008

Hind 162,00

Identne EN ISO 9170-1:2008

ja identne ISO 9170-1:2008

Meditsiinilise gaasi torusüsteemid. Osa 1: Liitmikud kokkusurutud meditsiinilise gaasi ja vaakumi jaoks

This part of ISO 9170 applies to: a) terminal units intended for use in medical gas pipeline systems in accordance with ISO 7396-1, for use with the following medical gases: - oxygen; - nitrous oxide; - medical air; - carbon dioxide; - oxygen/nitrous oxide mixture [50 %/50 % (by volume)]; b) terminal units intended for use in medical gas pipeline systems in accordance with ISO 7396-1, for use with the following gases and services: - oxygen-enriched air; - air for driving surgical tools; - nitrogen for driving surgical tools; - vacuum.

Keel en

Asendab EVS-EN 737-1:1999

EVS-EN ISO 11143:2008

Hind 171,00

Identne EN ISO 11143:2008

ja identne ISO 11143:2008

Hambaraviseadmed. Amalgaamieraldajad

This International Standard specifies requirements and test methods for amalgam separators used in connection with dental equipment in the dental treatment centre. It specifies the efficiency of the amalgam separators in terms of the level of retention of amalgam based on a laboratory test and the test procedure for determining this efficiency. It also includes requirements for the safe functioning of the amalgam separator, for marking, and for instructions for use, operation and maintenance. All tests described in this International Standard are type tests.

Keel en

Asendab EVS-EN ISO 11143:2000

EVS-EN ISO 15002:2008

Hind 162,00

Identne EN ISO 15002:2008

ja identne ISO 15002:2008

Meditsiinilise gaasi torusüsteemide liitmikega ühendatavad voolamise mõõteseadmed

1.1 This International Standard is applicable to: - flow-metering devices that are connected, either directly or by means of flexible connecting assemblies, and disconnected by the operator at terminal units of a medical gas pipeline system for flow adjustment, measurement and delivery of medical gases; - flow-metering devices that are connected and disconnected by the operator at gas-specific connection points of devices such as pressure regulators. 1.2 This International Standard applies to: a) flow-metering devices intended to be used with the following medical gases: - oxygen; - nitrous oxide; - medical air; - carbon dioxide; - oxygen/nitrous oxide mixture [50 %/50 % (by volume)]; - specified mixtures of the gases listed above; b) flow-metering devices intended to be used with the following gases: - oxygen-enriched air; - helium; - xenon. 1.3 This International Standard does not apply to electrical or electronic flow-metering devices. 1.4 This International Standard does not apply to gases used for driving surgical tools.

Keel en

Asendab EVS-EN 13220:1999

EVS-EN ISO 24157:2008

Hind 190,00

Identne EN ISO 24157:2008

ja identne ISO 24157:2008

Ophthalmic optics and instruments - Reporting aberrations of the human eye

This International Standard specifies standardized methods for reporting aberrations of the human eye.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 737-1:1999

Identne EN 737-1:1998

Meditsiinilise gaasi torusüsteemid. Osa 1: Liitmikud kokkusurutud meditsiinilise gaasi ja vaakumi jaoks

Standardi käesolev osa esitab nõuded liitmikele, mis on ette nähtud kasutamiseks järgmiste meditsiiniliste gaaside torusüsteemides: hapnik, dilämmastikoksiid, õhk hingamiseks, süsinikdioksiid, hapniku / dilämmastikoksiidi segu (50/50 % (mahuprotsent)), õhk kirurgiariistade käitamiseks, lämmastik kirurgiariistade käitamiseks; ning vaakumi jaoks ettenähtud torusüsteemides.

Keel en

Asendatud EVS-EN ISO 9170-1:2008

EVS-EN 13220:1999

Identne EN 13220:1998

Meditsiinilise gaasi torusüsteemide liitmikega ühendatavad voolamise mõõteseadmed

Käesolev standard kehtib: - Voolamise mõõteseadmete kohta, mis on operaatori kaasabil kokku- ja lahtiühendatavad meditsiinilise gaasi torusüsteemi liitmikega meditsiiniliste gaaside mõõtmiseks ja väljastamiseks. Nad võivad olla ühendatavad otse või elastsete ühendusdetailide abil. - Voolamise mõõteseadmete kohta, mis on operaatori kaasabil kokku- ja lahtiühendatavad seadmete, nagu näiteks surveregulaatorite gaasispetsiifiliste ühenduspunktidega. Standard kehtib vaid selliste voolamise mõõteseadmete kohta, mis on ette nähtud järgmiste meditsiiniliste gaaside jaoks: hapnik, dilämmastikoksiid, õhk hingamiseks, süsinikdioksiid, heelium, ksenoon, eespool loetletud gaaside kindlaksmääratud segud, hapniku / dilämmastikoksiidi segu (50/50 % (mahuprotsent)). Elektrilised ja elektroonilised voolamise mõõteseadmed on käesoleva standardi reguleerimisalast välja jäetud.

Keel en

Asendatud EVS-EN ISO 15002:2008

EVS-EN 60601-2-31:2001

Identne EN 60601-2-31:1995 + A1:1998

ja identne IEC 601-2-31:1994

Elektrilised meditsiiniseadmed. Osa 2: Erinõuded sisetoiteallikaga väliste südamestimulaatorite ohutusele

This particular standard specifies safety requirements for external pacemakers powered by an internal electrical power source. Applies also to patient cables but does not apply to equipment which can be directly or indirectly connected to a supply mains.

Keel en

Asendatud EVS-EN 60601-2-31:2008

EVS-EN ISO 8537:1999

Identne EN ISO 8537:1994

ja identne ISO 8537:1991

Insuliini süstimiseks ettenähtud steriilsed ühekordselt kasutatavad süstlad, koos nõeltega või ilma

Käesolev standard esitab nõuded ja testimismeetodid peamiselt inimestele ning ainult insuliini süstimiseks ettenähtud steriilsetele ühekordselt kasutatavatele süstaldele, mis on koos nõeltega või ilma. Standard hõlmab süstlaid, mis on ette nähtud insuliini jaoks, milles on 40 ühikut insuliini/ml (U-40) ja 100 ühikut insuliini/ml (U-100).

Keel en

Asendatud EVS-EN ISO 8537:2008

EVS-EN ISO 8537:1999/A1:2001

Identne EN ISO 8537:1994/A1:2000

ja identne ISO 8537:1991/Amd. 1:2000

Insuliini süstimiseks ettenähtud steriilsed ühekordselt kasutatavad süstlad, koos nõeltega või ilma. MUUDATUS

Käesolev standard esitab nõuded ja testimismeetodid peamiselt inimestele ning ainult insuliini süstimiseks ettenähtud steriilsetele ühekordselt kasutatavatele süstaldele, mis on koos nõeltega või ilma. Standard hõlmab süstlaid, mis on ette nähtud insuliini jaoks, milles on 40 ühikut insuliini/ml (U-40) ja 100 ühikut insuliini/ml (U-100).

Keel en

Asendab EVS-EN ISO 8537:2008

EVS-EN ISO 11143:2000

Identne EN ISO 11143:1999 + AC:2002

ja identne ISO 11143:1999

Dental equipment - Amalgam separators

This Standard specifies requirements for amalgam separators used in connection with dental equipment in the dental clinic. It specifies the efficiency of the separator in terms of the level of retention of amalgam and the test procedure for determining the efficiency. It also includes requirements for the safe functioning of the separator, marking, instructions for use, operating and maintenance.

Keel en

Asendatud EVS-EN ISO 11143:2008

KAVANDITE ARVAMUSKÜSITLUS

prEN 1641

Identne prEN 1641:2008

Tähtaeg 30.10.2008

Stomatoloogia. Meditsiinivahendid stomatoloogias. Materjalid

This European Standard specifies general requirements for materials used in the practice of dentistry for the restoration of the form and function of the dentition and which are medical devices. For the purposes of this standard these materials are defined as restorative materials. Dental implants are specifically excluded and described in EN 1642. This standard also specifies general requirements for materials used in the practice of orthodontics. This standard includes requirements for intended performance, design attributes, components, sterilization, packaging, marking, labelling, and information supplied by the manufacturer. Tests for demonstrating compliance with this standard are contained in the level 3 standards, if appropriate.

Keel en

Asendab EVS-EN 1641:2004

EN ISO 7396-1:2007/prA1

Identne EN ISO 7396-1:2007/prA1:2008

ja identne ISO 7396-1:2007/DAmd 1:2008

Tähtaeg 29.11.2008

Meditsiinilise gaasi torusüsteemid. Osa 1: Torustikud meditsiiniliste surugaaside ja vaakumi jaoks

Käesolev Euroopa standard määratleb põhinõuded meditsiiniliste surugaaside ja vaakumtorustike süsteemide paigaldamise, toimimise, läbilaskevõime, dokumentatsiooni, kontrollimise ja kasutussevõtmise jaoks eesmärgiga tagada patsiendi ohutus, varustades teda torusüsteemi abil pidevalt õige gaasiga.

Keel en

prEN 1639

Identne prEN 1639:2008

Tähtaeg 30.10.2008

Stomatoloogia. Meditsiinivahendid stomatoloogias. Instrumendid

This European Standard specifies general requirements for instruments used in the practice of dentistry and which are medical devices. It includes requirements for intended performance, design attributes, components, reprocessing, packaging, marking, labelling, and information supplied by the manufacturer. This European Standard does not apply to any necessary energy source to which an instrument needs to be connected. These energy sources are covered by EN 1640. Tests for demonstrating compliance with this European Standard are contained in the level 3 standards, if appropriate.

Keel en

Asendab EVS-EN 1639:2004

prEN 1640

Identne prEN 1640:2008

Tähtaeg 30.10.2008

Stomatoloogia. Meditsiinivahendid stomatoloogias. Aparatuur

This European Standard specifies general requirements for dental equipment used in the practice of dentistry and which are medical devices. It includes requirements for intended performance, design attributes, components, packaging, marking, labelling, and information supplied by the manufacturer. This European Standard does not apply to dental X-ray equipment. This European Standard does not apply to any dental instruments connected to an item of dental equipment. These instruments are covered by EN 1639. Tests for demonstrating compliance with this standard are contained in the level 3 standards, if appropriate.

Keel en

Asendab EVS-EN 1640:2004

prEN 1642

Identne prEN 1642:2008

Tähtaeg 30.10.2008

Stomatoloogia. Meditsiinivahendid stomatoloogias. Hambaimplantaadid

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

Keel en

Asendab EVS-EN 1642:2004

prEN ISO 8612

Identne prEN ISO 8612:2008

ja identne ISO/DIS 8612:2008

Tähtaeg 30.10.2008

Opthalmic instruments - Tonometers

This International Standard, together with ISO 15004-1, specifies minimum requirements and the design compliance procedure for tonometers intended for routine clinical use in the estimation of intraocular pressure (IOP). This International Standard takes precedence over ISO 15004-1, if differences exist.

Keel en

Asendab EVS-EN ISO 8612:2001

prEN ISO 10993-10

Identne prEN ISO 10993-10:2008

ja identne ISO/DIS 10993-10:2008

Tähtaeg 30.10.2008

Biological evaluation of medical devices - Part 10: Tests for irritation and skin sensitization

This part of ISO 10993 describes the procedure for the assessment of medical devices and their constituent materials with regard to their potential to produce irritation and skin sensitization. This part of ISO 10993 includes: a) pretest considerations for irritation, including in silico and in vitro methods for dermal exposure; b) details of in vivo (irritation and sensitization) test procedures, and; c) key factors for the interpretation of the results. Instructions are given in Annex A for the preparation of materials specifically in relation to the above tests. In Annex B several special irritation tests are described for application of medical devices in areas other than skin.

Keel en

Asendab EVS-EN ISO 10993-10:1999

prEN ISO 10993-13

Identne prEN ISO 10993-13:2008

ja identne ISO/DIS 10993-13:2008

Tähtaeg 30.10.2008

Meditsiiniseadmete bioloogiline hindamine. Osa 13: Polümeersetest meditsiiniseadmetest pärit mittetäisväärtuslike saaduste kuuluvuse ja koguse kindlakstegemine

This part of ISO 10993 provides general requirements for the design of tests in a simulated environment for identifying and quantifying degradation products from finished polymeric medical devices ready for clinical use. This part of ISO 10993 describes two test methods to generate degradation products, an accelerated degradation test as a screening method and a real-time degradation test in a simulated environment. For materials which are intended to polymerize in situ, the set or cured polymer is used for testing. The data generated are used in the biological evaluation of the polymer. This document considers only non-resorbable polymers. Similar, but appropriately modified procedures may be applicable for resorbable polymers. This part of ISO 10993 considers only those degradation products generated by a chemical alteration of the finished polymeric device. It is not applicable to degradation of the device induced during its intended use by mechanical stress, wear or electromagnetic radiation or biological factors such as enzymes, other proteins and cellular activity.

Keel en

Asendab EVS-EN ISO 10993-13:1999

prEN ISO 10993-16

Identne prEN ISO 10993-16:2008

ja identne ISO/DIS 10993-16:2008

Tähtaeg 30.10.2008

Meditsiiniseadmete bioloogiline hindamine. Osa 16: Mittetäisväärtuslike saaduste ja uhtainete jaoks mõeldud toksikokineetilise uuringu ülesehitus

This part of ISO 10993 gives principles on how toxicokinetic studies relevant to medical devices should be designed and performed. Annex A describes the considerations for inclusion of toxicokinetic studies in the biological evaluation of medical devices.

Keel en

Asendab EVS-EN ISO 10993-16:1999

prEN ISO 14155

Identne prEN ISO 14155:2008

ja identne ISO/DIS 14155:2008

Tähtaeg 30.10.2008

Clinical investigation of medical devices for human subjects - Good clinical practice

ISO 14155 addresses the technical aspects of clinical investigations carried out in human subjects to assess the safety and performance of medical devices for regulatory purposes by defining good clinical practices for their design, conduct, recording and reporting of clinical investigations. It specifies general requirements intended to - protect the rights, safety and well-being of human subjects, - ensure the scientific conduct of the clinical investigation and the credibility of the investigation results, - assist sponsors, monitors, investigators, ethics committees, regulatory authorities and bodies involved in the conformity assessment of medical devices.

Keel en

Asendab EVS-EN ISO 14155-1:2003; EVS-EN ISO 14155-2:2003

prEN ISO 15798

Identne prEN ISO 15798:2008

ja identne ISO/DIS 15798:2008

Tähtaeg 30.10.2008

Opthalmioc implants - Opthalmic viscosurgical devices

This International Standard applies to ophthalmic viscosurgical devices (OVDs), a class of non-active surgical implants with viscous and/or viscoelastic properties, intended for use during surgery in the anterior segment of the human eye. OVDs are designed to create and maintain space, to protect intra-ocular tissues and to manipulate tissues during surgery. This International Standard defines requirements with regard to safety for the intended performance, design attributes, preclinical and clinical evaluation, sterilization, product packaging, product labelling and information supplied by the manufacturer of these devices.

Keel en

Asendab EVS-EN ISO 15798:2002

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

UUED STANDARDID

CEN/TR 13688:2008

Hind 132,00

Identne CEN/TR 13688:2008

Packaging - Material recycling - Report on requirements for substances and materials to prevent a sustained impediment to recycling

This Report provides some examples of substances and materials that may cause a sustained impediment in the recycling activities, and is intended to assist in the assessment requirements set out in the standard EN 13430. It describes substances or materials which cause problems or inhibit the recycling process, or which have a negative influence on the quality of recycled material, and for which it is considered that technological solutions will not be developed in the near future. These examples are however qualified by the fact that the recycling operations can vary from region to region and state to state, that technology is constantly changing, and that the use to which the recycled material is put will also determine whether such substances and materials are a problem.

Keel en

CEN/TS 15675:2007

Hind 208,00

Identne CEN/TS 15675:2007

Air quality - Measurements of stationary source emissions - Application of EN ISO/IEC 17025:2005 to periodic measurements

This Technical Specification supplements the requirements of EN ISO/IEC 17025:2005, and is suitable for the demonstration of competence of laboratories that undertake periodic measurement of emissions from stationary sources including
- the taking of representative samples of emissions and subsequent laboratory analysis for gases and for particulate species,
- the determination of reference quantities such as temperature, pressure, water vapour and oxygen content in the field and
- the use of portable instruments (such as hand held instruments and transportable instruments used in mobile laboratories) in the field.
This Technical Specification is applicable to all laboratories undertaking the periodic measurement of emissions from stationary sources, the calibration of installed automated measuring systems in accordance with EN 14181:2004 and/or the field testing of automated measuring systems for conformity assessment purposes.

Keel en

EVS-EN 54-18:2006/AC:2007

Hind 0,00

Identne EN 54-18:2005/AC:2007

Automaatne tulekahjusignalisatsioonisüsteem. Osa 18: Sisend-/väljundseadmed

Keel en

EVS-EN 349:1998+A1:2008

Hind 95,00

Identne EN 349:1993+A1:2008

Masinate ohutus. Minimaalsed vahekaugused vältimaks inimese kehaosade muljumisohtu KONSOLIDEERITUD TEKST

Käesoleva Euroopa standardi eesmärgiks on võimaldada kasutajal (nt standardite koostajal, masinate konstrueerijal) vältida ohtu muljumisohtlikes alades. Selle standardiga määratakse minimaalsed vahekaugused sõltuvalt inimeste ohustatud kehaosast ja see standard on rakendatav siis, kui standardis esitatud meetodiga võib saavutada piisavat ohutust. Käesolev Euroopa standard on rakendatav ainult muljumisest tekkivate ohtude puhul ja seda ei saa kohaldada teistele võimalike ohtude, näiteks, löögi-, rebestus- või kaasahaaramisohu puhul.

Keel en

Asendab EVS-EN 349:1998

EVS-EN 420:2006/AC:2006

Hind 0,00

Identne EN 420:2003/AC:2006

Kaitsekindad. Üldnõuded ja katsemeetodid

Keel en

EVS-EN 574:1999+A1:2008

Hind 180,00

Identne EN 574:1996+A1:2008

Masinate ohutus. Kahekäe-juhtseadised. Talitlusaspektid. Konstrueerimise põhimõtted KONSOLIDEERITUD TEKST

Standard kirjeldab kahekäe-juhtseadiste põhitunnuseid eesmärgiga tagada ohutus ning esitab kolme tüüpi seadiste talitluslikud tunnused. See standard ei kehti seadiste kohta, mis on ette nähtud kasutamiseks piiravate seadistena, tööshoidvate seadistena või spetsiifiliste juhtseadistena. Standard annab nõuded ja juhised kahekäe-juhtseadiste konstruktsiooni ja valiku, kaasa arvatud nende seadiste hindamise, hävimise ärahoidmise ning vigade tekke vältimise kohta.

Keel en

Asendab EVS-EN 574:1999

EVS-EN 626-1:1998+A1:2008

Hind 123,00

Identne EN 626-1:1994+A1:2008

Masinate ohutus. Masinatest lähtuvatest ohtlikest ainetest tuleneva terviseriski vähendamine. Osa 1: Põhimõtted ja nõuded masinate tootjatele KONSOLIDEERITUD TEKST

Käesolevas Euroopa standardis käsitletakse masinatest lähtuvatest ohtlikest ainetest tulenevate tervisriskide haldamise põhimõtteid. Käesolevat Euroopa standardit ei saa kasutada nende ohtlike ainete puhul, mis on ohtlikud ainuüksi nende plahvatus-, süttivus-, või radioaktiivsete omaduste, kõrge või madala temperatuuri, kõrge või madala rõhu tõttu.

Keel en

Asendab EVS-EN 626-1:1998

EVS-EN 626-2:1999+A1:2008

Hind 104,00

Identne EN 626-2:1996+A1:2008

Masinate ohutus. Masinatest eralduvate kahjulike ainete terviseohu vähendamine. Osa 2: Kontrollmenetluste aluseks olev metodoloogia KONSOLIDEERITUD TEKST

Standard määrab protseduuri, mis on ohtlike ainete eraldumisega seonduvate oluliste tegurite valiku aluseks. Standardi eesmärk on määrata kindlaks sobivad kontrolliparameetrid.

Keel en

Asendab EVS-EN 626-1:1998

EVS-EN 840-6:2004+A1:2008

Hind 95,00

Identne EN 840-6:2004+A1:2008

Teisaldatavad heitmekonteinerid. Osa 6: Ohutuse ja tervisekaitse nõuded KONSOLIDEERITUD TEKST

This European Standard provides the essential safety, health and ergonomic requirements for mobile waste containers according to EN 840-1 to EN 840-4, not including hazardous wastes containers.

Keel en

Asendab EVS-EN 840-6:2004

EVS-EN 999:1999+A1:2008

Hind 162,00

Identne EN 999:1998+A1:2008

Masinate ohutus. Kaitsevarustuse asend inimkehaosade lähenemiskiiruse suhtes KONSOLIDEERITUD TEKST

This European Standard provides parameters based on values for hand/arm and approach speeds and the methodology to determine the minimum distances from specific sensing or actuating devices of protective equipment to a danger zone.

Keel en

Asendab EVS-EN 999:1999

Asendatud prEN ISO 13855

EVS-EN 1028-1:2002+A1:2008

Hind 180,00

Identne EN 1028-1:2002+A1:2008

Tuletõrjepumbad. Löökpadruniga tuletõrje tsentrifugaalpumbad. Osa 1: Klassifikatsioon. Üld- ja ohutusnõuded KONSOLIDEERITUD TEKST

This standard applies for centrifugal pumps with priming devices for fire-fighting use supplied separately without driver and couplings. Fire-fighting centrifugal pumps with primer are defined as terminated by their inlet and outlet connec-tions as well as by their shaft ends. This standard applies for fire-fighting centrifugal pumps with priming devices for use under ambient temperatures between -15 °C and 40 °C.

Keel en

Asendab EVS-EN 1028-1:2002

EVS-EN 1088:1999+A2:2008

Hind 221,00

Identne EN 1088:1995+A2:2008

Masinate ohutus. Kaitsekatetega seonduvad blokeerseadised. Konstrueerimise ja valiku põhialused KONSOLIDEERITUD TEKST

This standard specifies principles for the design and selection - independent of the nature of the energy source – of interlocking devices associated with guards (as defined in 3.23.1 "interlocking device [interlock]", 3.22.4 "interlocking guard" and 3.22.5 "interlocking guard with guard locking" of EN 292-1:1991). It also provides requirements specifically intended for electrical interlocking devices (see clause 6). This standard covers the parts of guards which actuate interlocking devices. Requirements for guards are given in prEN 953. The processing of the signal from the interlocking device to stop and immobilize the machine is dealt with in prEN 954-1.

Keel en

Asendab EVS-EN 1088:1999

EVS-EN 1093-6:1999+A1:2008

Hind 104,00

Identne EN 1093-6:1998+A1:2008

Masinate ohutus. Õhu kaudu levivate ohtlike ainete emissiooni hindamine. Osa 6: Massi järgi eraldamise efektiivsus, jaotuskanaliteta väljumisava KONSOLIDEERITUD TEKST

This European Standard specifies a test rig method for the measurement of the separation efficiency by mass of air cleaning systems with unducted outlet, operating under defined conditions. The method shall apply to systems that clean air of aerosols (smoke, dust, fume, mist), vapour or gas. Measurement of the separation efficiency by mass of an air cleaning system for an intended use can serve for the: a) evaluation of the performance of an air cleaning system; b) evaluation of the improvement of the air cleaning system; c) comparison of air cleaning systems; d) ranking of air cleaning systems according to their separation efficiency by mass; e) determination of the state of the art of air cleaning systems of the same intended use with respect to their separation efficiency by mass.

Keel en

Asendab EVS-EN 1093-6:1999

EVS-EN 1093-7:1999+A1:2008

Hind 95,00

Identne EN 1093-7:1998+A1:2008

Masinate ohutus. Õhu kaudu levivate ohtlike ainete emissiooni hindamine. Osa 7: Massi järgi eraldamise efektiivsus, jaotuskanaliteta väljumisava KONSOLIDEERITUD TEKST

This European Standard specifies a test rig method for the measurement of the separation efficiency by mass of air cleaning systems, operating under defined conditions. The method shall apply to systems that clean air of aerosols (smoke, dust, fume, mist), vapour or gas with defined air inlet and air outlet which can be connected to measurement ducts. Measurement of the separation efficiency by mass of an air cleaning system for an intended use can serve for the: a) evaluation of the performance of an air cleaning system; b) evaluation of the improvement of the air cleaning system; c) comparison of air cleaning systems; d) ranking of air cleaning systems according to their separation efficiency by mass; e) determination of the state of the art of air cleaning systems of the same intended use with respect to their separation efficiency by mass.

Keel en

Asendab EVS-EN 1093-7:1999

EVS-EN 1093-8:1999+A1:2008

Hind 104,00

Identne EN 1093-8:1998+A1:2008

Masinate ohutus. Õhu kaudu levivate ohtlike ainete emissiooni hindamine.Osa 8: Saasteaine kontsentratsiooni parameeter, katsestendimeetod KONSOLIDEERITUD TEKST

This European Standard specifies a test bench method for the measurement of the pollutant concentration parameter of a specified airborne hazardous substance from machines using a test bench under specified operating conditions. This method is only applicable for the determination of emitted gases, vapours and respirable particles. The determination of the emission rate in a test bench (see EN 1093-3) shall be used when possible. Measurement of the pollutant concentration parameter of a machine can serve for the: a) evaluation of the performance of a machine; b) evaluation of the improvement of the machine; c) comparison of machines within groups of machines with the same intended use (groups are defined by the function and materials processed), d) ranking of machines from the same group according to their pollutant concentration parameters; e) determination of the state of the art of machines with respect to their pollutant concentration parameter.

Keel en

Asendab EVS-EN 1093-8:1999

EVS-EN 1093-9:1999+A1:2008

Hind 104,00

Identne EN 1093-9:1998+A1:2008

Masinate ohutus. Õhu kaudu levivate ohtlike ainete emissiooni hindamine. Osa 9: Saasteaine kontsentratsiooniparameeter, ruumimeetod KONSOLIDEERITUD TEKST

This European Standard specifies a room method for the measurement of the pollutant concentration parameter of a specified airborne hazardous substance from machines, located in a test room and operating the machines under defined conditions. This method can only be used for machines with a local exhaust ventilation with an air flow rate ³ 500 m3/h and machines without recirculated air. Measurement of the pollutant concentration parameter of a machine can serve for the: a) evaluation of the performance of a machine; b) evaluation of the improvement of the machine; c) comparison of machines within groups of machines with the same intended use (groups are defined by the function and materials processed); d) ranking of machines from the same group according to their pollutant concentration parameters; e) determination of the state of the art of machines with respect to their pollutant concentration parameter.

Keel en

Asendab EVS-EN 1093-9:1999

EVS-EN 1093-11:2002+A1:2008

Hind 104,00

Identne EN 1093-11:2001+A1:2008

Masinate ohutus. Õhu kaudu levivate ohtlike ainete emissiooni hindamine. Osa 11: Saasteärastamise näitaja KONSOLIDEERITUD TEKST

This standard describes a method for the measurement of the decontamination index of pollution control systems e. g. capture devices including local exhaust ventilation, water spray systems and, when appropriate, separation equipment installed on a machine. This method uses the real pollutant (see 4.2 of EN 1093-1 : 1998 " Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 1: Selection of test methods") and can be operated in room or field environments. It should be observed that during the test, especially during the shutdown or the removal of the pollution control system, the concentration of hazardous substances , if present, can reach levels which are liable to incur a risk to the health of the operators or other occupants present in the room. Warning: This standard does not deal with the protective measures required to control these risks.

Keel en

Asendab EVS-EN 1093-11:2002

EVS-EN 1317-5:2007+A1:2008

Hind 190,00

Identne EN 1317-5:2007+A1:2008

Teepiirdesüsteemid. Osa 5: Toodetele esitatavad nõuded ja sõidukite turvasüsteemide vastavushindamine KONSOLIDEERITUD TEKST

This European Standard specifies requirements for evaluation of conformity of the following vehicle restraint systems: a) safety barriers; b) crash cushions; c) terminals (will be effective when ENV 1317-4 becomes an EN); d) transitions (will be effective when ENV 1317-4 becomes an EN); e) vehicle / pedestrian parapets (only for the vehicle restraint function). Pedestrian parapet requirements are not covered in this document. Requirements for the evaluation of durability with respect to weathering are included in this document. Requirements for other forms of durability (e.g. marine environment, sand abrasion) are not included. Temporary barriers are not within the scope of this document.

Keel en

Asendab EVS-EN 1317-5:2007

EVS-EN 1846-2:2002/AC:2007

Hind 0,00

Identne EN 1846-2:2001/AC:2007

Tuletõrje- ja päästeteenistuse sõidukid. Osa 2: Üldnõuded. Ohutus ja jõudlus

Keel en

EVS-EN 1846-2:2002/A1:2005/AC:2007

Hind 0,00

Identne EN 1846-2:2001/A1:2004/AC:2007

Tuletõrje- ja päästeteenistuse sõidukid. Osa 2: Üldnõuded. Ohutus ja jõudlus

Keel en

EVS-EN 1994-1-2:2005/AC:2008

Hind 0,00

Identne EN 1994-1-2:2005/AC:2008

Eurokoodeks 4 - Terasest ja betoonist komposiitkonstruktsioonide projekteerimine. Osa 1-2: Üldeeskirjad.Tulepüsivusarvutus.

Keel en

EVS-EN 12101-10:2005/AC:2007

Hind 0,00

Identne EN 12101-10:2005/AC:2007

Suitsu ja kuumuse kontrollsüsteemid. Osa 10: Energiaallikad

Keel en

EVS-EN 13059:2002+A1:2008

Hind 162,00

Identne EN 13059:2002+A1:2008

Tööstuslike mootorkärude ohutus. Vibratsiooni mõõtmise katsemeetodid KONSOLIDEERITUD TEKST

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

Keel en

Asendab EVS-EN 13059:2002

EVS-EN 13071-1:2008

Hind 141,00

Identne EN 13071-1:2008

Stationary waste containers up to 5000 l, top lifted bottom emptied - Part 1: General requirements

This European Standard specifies requirements of stationary containers, top lifted and bottom emptied, used for collection of solid non hazardous wastes, with capacity up to 5 000 l. This European Standard specifies the general characteristics of such containers and their accessories, the test methods and the safety requirements.

Keel en

Asendab EVS-EN 13071:2002

EVS-EN 13071-2:2008

Hind 113,00

Identne EN 13071-2:2008

Stationary waste containers up to 5000 l, top lifted bottom emptied - Part 2: Additional requirements for underground or partly underground systems

This European Standard specifies the additional requirements for underground or partly underground systems top lifted and bottom emptied, used for collection of solid non hazardous wastes with a capacity up to 5 000 l.

Keel en

Asendab EVS-EN 13071:2002

EVS-EN 13077:2008

Hind 123,00

Identne EN 13077:2008

Devices to prevent pollution by backflow of potable water - Air gap with non-circular overflow (unrestricted) - Family A-Type B

This European Standard specifies the characteristics and the requirements of air gap with non-circular overflow (unrestricted) Family A, Type B for nominal flow velocity not exceeding 3 m/s. Air gaps are devices for protection of potable water in water installations from pollution. This European Standard applies to air gaps in factory assembled products and to constructed air gaps in situ, and defines the physico-chemical characteristics of materials of construction used for the purpose and application to ensure compliance with this European Standard during normal working use.

Keel en

Asendab EVS-EN 13077:2004

EVS-EN 13094:2008

Hind 286,00

Identne EN 13094:2008

Tanks for the transport of dangerous goods - Metallic tanks with a working pressure not exceeding 0,5 bar - Design and construction

This European Standard specifies requirements for the design and construction of metallic tanks with a maximum working pressure not exceeding 50 kPa gauge used for the transport of dangerous goods by road and rail for which Tank Code with letter “G” is given in chapter 3.2 of ADR [2]. It also includes requirements for a system of identification of materials used in the construction of these tanks. This European Standard specifies requirements for openings, closures and structural equipment. This European Standard is applicable to aircraft refuellers that are used on public roads. It is also applicable to inter-modal tanks (e.g. tank containers and tank swap bodies) for the transport of dangerous goods by road and rail.

Keel en

Asendab EVS-EN 13094:2004

EVS-EN 14466:2005+A1:2008

Hind 208,00

Identne EN 14466:2005+A1:2008

Tuletõrjepumbad. Teisaldatavad pumbad. Ohutus- ja toimimisnõuded, katsed KONSOLIDEERITUD TEKST

This document applies to portable pumps using fire-fighting centrifugal pumps as defined in EN 1028, driven by an internal combustion engine and not intended to be permanently installed in fire-fighting and rescue service vehicles and not intended for prolonged unattended operation. This document deals with all significant hazards, hazardous situations and events relevant to portable fire-fighting pumps as described above, when they are used as intended and under the conditions foreseen by the manufacturer (see Clause 4). It addresses the design, setting up, and operation of the portable pump. This document also specifies performance requirements for portable pumps in its scope. This document applies to portable pumps used in ambient temperatures between –15 °C and + 35 °C.

Keel en

Asendab EVS-EN 14466:2005

EVS-EN 14591-1:2004/AC:2006

Hind 0,00

Identne EN 14591-1:2004/AC:2006

Plahvatuse vältimine ja kaitse allamaakaevanduses. Kaitsesüsteemid. Osa 1: 2-baarist plahvatust taluv ventilatsioonikonstruktsioon

Keel en

EVS-EN 14710-1:2005+A1:2008

Hind 171,00

Identne EN 14710-1:2005+A1:2008

Tuletõrjepumbad. Ilma eelpumbata tsentrifugaalsed tuletõrjepumbad. Osa 1: Klassifikatsioon, üldised ja ohutusnõuded KONSOLIDEERITUD TEKST

This document applies to centrifugal pumps without priming devices for fire-fighting use designed as - floating pumps (FPN-F), - submersible pumps (FPN-S) or - boosted pumps (FPN-B). Fire-fighting centrifugal pumps without primer are defined as terminated by their inlet and outlet connections as well as by their shaft ends. This document applies for fire-fighting centrifugal pumps without priming devices for use under ambient temperatures between -15 °C and 40 °C.

Keel en

Asendab EVS-EN 14710-1:2005

EVS-EN 15527:2008

Hind 199,00

Identne EN 15527:2008

Characterization of waste - Determination of polycyclic aromatic hydrocarbons (PAH) in waste using gas chromatography mass spectrometry (GC/MS)

This European Standard specifies the quantitative determination of 16 polynuclear aromatic hydrocarbons (PAH) according to the priority list of the Environmental Protection Agency (EPA, 1982). This European Standard is applicable for wastes such as contaminated soil, sludge and rubble, bitumen or waste containing bitumen. This European Standard describes a gas chromatographic method with mass spectrometric detection (GC-MS). Under the conditions specified in this document, a typical lower limit of application of 0,1 mg/kg for each individual PAH can be achieved.

Keel en

EVS-EN 50264-1:2008

Hind 190,00

Identne EN 50264-1:2008

Railway applications - Railway rolling stock power and control cables having special fire performance -- Part 1: General requirements

EN 50264-1 specifies the general requirements applicable to the cables given in all other parts of EN 50264. It includes the detailed requirements for the insulating and sheathing materials and other components called up in the separate parts. In particular EN 50264-1 specifies those requirements relating to fire safety. Based on proven experience and reliability over many years these cables are rated for occasional thermal stresses causing ageing equivalent to continuous operational life at a conductor temperature of 90 °C. The maximum conductor temperature for short circuit conditions is 200 °C based on a duration of 5 s. This Part 1 should be read in conjunction with the other parts of EN 50264.

Keel en

Asendab EVS-EN 50264-1:2003

EVS-EN 50264-2-1:2008

Hind 162,00

Identne EN 50264-2-1:2008

Railway applications - Railway rolling stock power and control cables having special fire performance -- Part 2-1: Cables with crosslinked elastomeric insulation - Single core cables

EN 50264-2-1 specifies requirements for, and constructions and dimensions of, single core cables of the following types and voltage ratings: • 0,6/1 kV unscreened, unsheathed (1 mm² to 400 mm²); • 1,8/3 kV unscreened, unsheathed (1,5 mm² to 400 mm²); • 1,8/3 kV unscreened, sheathed (1,5 mm² to 400 mm²); • 3,6/6 kV unscreened, sheathed (2,5 mm² to 400 mm²). All cables have class 5 tinned copper conductors to EN 60228, halogen-free insulation and halogen-free 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 conductor temperature not exceeding 90 °C and a maximum temperature for short circuit conditions of 200 °C based on a duration of 5 s. Under fire conditions the cables exhibit special performance characteristics in respect of maximum permissible flame propagation (flame spread) and maximum permissible emission of smoke and toxic gases. EN 50264-2-1 should be read in conjunction with Part 1 “General requirements”.

Keel en

Asendab EVS-EN 50264-2:2003

EVS-EN 50264-2-2:2008

Hind 162,00

Identne EN 50264-2-2:2008

Railway applications - Railway rolling stock power and control cables having special fire performance -- Part 2-2: Cables with crosslinked elastomeric insulation - Multicore cables

EN 50264-2-2 specifies requirements for, and constructions and dimensions of, multicore cables of the following types and voltage ratings: • 300/500 V screened or unscreened (1 mm², 1,5 mm² and 2,5 mm², number of cores from 2 to 40); • 0,6/1 kV screened or unscreened (1,5 mm² to 50 mm², 2, 3 and 4 cores). All cables have class 5 tinned copper conductors to EN 60228, halogen-free insulation and halogen-free 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 conductor temperature not exceeding 90 °C and a maximum temperature for short circuit conditions of 200 °C based on a duration of 5 s. Under fire conditions the cables exhibit special performance characteristics in respect of maximum permissible flame propagation (flame spread) and maximum permissible emission of smoke and toxic gases. EN 50264-2-2 should be read in conjunction with Part 1 “General requirements”.

Keel en

Asendab EVS-EN 50264-3:2003

EVS-EN 50264-3-1:2008

Hind 162,00

Identne EN 50264-3-1:2008

Railway applications - Railway rolling stock power and control cables having special fire performance -- Part 3-1: Cables with crosslinked elastomeric insulation with reduced dimensions - Single core cables

EN 50264-3-1 specifies requirements for, and constructions and dimensions of, single core cables of the following types and voltage ratings: • 0,6/1 kV unscreened, unsheathed (1 mm2 to 400 mm2); • 1,8/3 kV unscreened, unsheathed (1,5 mm2 to 400 mm2); • 1,8/3 kV unscreened, sheathed (1,5 mm2 to 400 mm2); • 3,6/6 kV unscreened, sheathed (2,5 mm2 to 400 mm2). All cables have class 5 tinned copper conductors to EN 60228, halogen-free insulation and halogen-free 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 conductor temperature not exceeding 90° C and a maximum temperature for short circuit conditions of 200 °C based on a duration of 5 s. Under fire conditions the cables exhibit special performance characteristics in respect of maximum permissible flame propagation (flame spread) and maximum permissible emission of smoke and toxic gases. EN 50264-3-1 should be read in conjunction with Part 1 “General requirements”.

Keel en

EVS-EN 50264-3-2:2008

Hind 180,00

Identne EN 50264-3-2:2008

Railway applications - Railway rolling stock power and control cables having special fire performance -- Part 3-2: Cables with crosslinked elastomeric insulation with reduced dimensions - Multicore cables

EN 50264-3-2 specifies requirements for, and constructions and dimensions of, multicore cables of the following types and voltage ratings: • 300/500 V screened or unscreened (1 mm2, 1,5 mm2 and 2,5 mm2, number of cores from 2 to 40); • 0,6/1 kV screened or unscreened, (1,5 mm2 to 50 mm2, 2, 3 and 4 cores). All cables have class 5 tinned copper conductors to EN 60228, halogen-free insulation and halogen-free 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 conductor temperature not exceeding 90 °C and a maximum temperature for short circuit conditions of 200 °C based on a duration of 5 s. Under fire conditions the cables exhibit special performance characteristics in respect of maximum permissible flame propagation (flame spread) and maximum permissible emission of smoke and toxic gases. EN 50264-3-2 should be read in conjunction with Part 1 “General requirements”.

Keel en

EVS-EN 50475:2008

Hind 151,00

Identne EN 50475:2008

Basic standard for the calculation and the measurement of human exposure to electromagnetic fields from broadcasting service transmitters in the HF bands (3 MHz - 30 MHz)

This standard applies to short wave broadcast transmitters and installations operating in the frequency range 3 MHz to 30 MHz. The objective of the standard is to specify, for such a frequency band, basic information allowing the definition of a method for assessment of compliance related to human exposure to radio frequency electromagnetic fields.

Keel en

EVS-EN 50476:2008

Hind 104,00

Identne EN 50476:2008

Product standard to demonstrate the compliance of broadcast station transmitters with the reference levels and the basic restrictions related to public exposure to radio frequency electromagnetic fields (3 MHz - 30 MHz)

This standard applies to short wave broadcast transmitters operating in the frequency range 3 MHz to 30 MHz. The object of this standard is to demonstrate the compliance of such equipment with the basic restrictions (directly or indirectly via compliance with reference levels) related to public human exposure to radio frequency electromagnetic fields.

Keel en

EVS-EN 60335-2-3:2003/A2:2008

Hind 73,00

Identne EN 60335-2-3:2002/A2:2008

ja identne IEC 60335-2-3:2002/A2:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-3: Erinõuded elektritriikraudadele

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.

Keel en

EVS-EN 60335-2-12:2003/A1:2008

Hind 73,00

Identne EN 60335-2-12:2003/A1:2008

ja identne IEC 60335-2-12:2002/A1:2008

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 2-12: Erinõuded soojendusplaatidele ja muudele taolistele seadmetele

Deals with the safety of electric warming plates, warming trays and similar appliances intended to keep food or vessels warm, for household and similar purposes, their rated voltage being not more than 250 V. Appliances intended to be used by laymen in shops, in light industry and on farms, are also within the scope of this standard.

Keel en

EVS-EN 60335-2-16:2003/A1:2008

Hind 73,00

Identne EN 60335-2-16:2003/A1:2008

ja identne IEC 60335-2-16:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-16: Erinõuded toidujäätmete konteineritele

Deals with the safety of electric food waste disposers for household and similar purposes, their rated voltage being not more than 250 V. Is to be used in conjunction with IEC 335-1, third edition.

Keel en

EVS-EN 60335-2-26:2003/A1:2008

Hind 73,00

Identne EN 60335-2-26:2003/A1:2008

ja identne IEC 60335-2-26:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-26: Erinõuded kelladele

Deals with the safety of electric clocks having a rated voltage of not more than 250 V. Examples of appliances that are within the scope of this standard are alarm clocks, spring-driven clocks with an electrically operated winding mechanism, clocks incorporating driving means other than motors. This standard does not apply to battery-operated clocks; appliances intended exclusively for industrial purposes; appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapor or gas); clocks having other functions, whether or not in combination with time indication, such as master control clocks and timers for cooking ranges, washing machines and similar appliances; clocks for "clocking in" purposes; clocks incorporating electronic circuits only(refer to IEC 60065)

Keel en

EVS-EN 60335-2-28:2003/A1:2008

Hind 73,00

Identne EN 60335-2-28:2003/A1:2008

ja identne IEC 60335-2-28:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-28: Erinõuded õmblusmasinatele

Deals with the safety of electric sewing machines for household and similar use, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.Overlock machines and electrical sets are within the scope of the standard. Is to be used in conjunction with IEC 335-1 (third edition).

Keel en

EVS-EN 60335-2-45:2003/A1:2008

Hind 73,00

Identne EN 60335-2-45:2002/A1:2008

ja identne IEC 60335-2-45:2002/A1:2008

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 2-45: Erinõuded kaasaskantavatele ja muudele taolistele kuumutamisseadmetele

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

Keel en

EVS-EN 60335-2-52:2003/A1:2008

Hind 73,00

Identne EN 60335-2-52:2003/A1:2008

ja identne IEC 60335-2-52:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-52: Erinõuded suuhügieeniseadmetele

Deals with the safety of electric oral hygiene appliances for househols and similar purposes, their rated voltage being not more than 250 V. Examples of appliances covered by this standard are oral irrigators and toothbrushes

Keel en

EVS-EN 60335-2-56:2003/A1:2008

Hind 73,00

Identne EN 60335-2-56:2003/A1:2008

ja identne IEC 60335-2-56:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-56: Erinõuded projektoritele ja muudele taolistele seadmetele

Deals with the safety of electric projectors and similar appliances, their rated voltage being not more than 250 V, for household and similar purposes. Some examples of appliacnes that are within the scope of this standard are effects projectors, film-strip projectors, microscope projectors, motion-picture projectors, overhead projectors, photographic enlargers, still view and photo-reproduction appliances

Keel en

EVS-EN 60335-2-78:2003/A1:2008

Hind 73,00

Identne EN 60335-2-78:2003/A1:2008

ja identne IEC 60335-2-78:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-78: Erinõuded aiagrillidele

Deals with the safety of electric outdoor barbecues for household and similar use, their rated voltage being not more than 250 V. This standard does not apply to barbecues for indoor use, appliances intended to burn charcoal or similar combustible fuels, appliances intended exclusively for industrial purposes, appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapor or gas)

Keel en

EVS-EN 60335-2-101:2003/A1:2008

Hind 73,00

Identne EN 60335-2-101:2002/A1:2008

ja identne IEC 60335-2-101:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-101: Erinõuded aurutitele

Deals with the safety of electric vaporizers for household and similar purposes, their rated voltage being not more than 250 V

Keel en

EVS-EN 60335-2-108:2008

Hind 141,00

Identne EN 60335-2-108:2008

ja identne IEC 60335-2-108:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-108: Erinõuded elektrolüüseritele

This International Standard deals with the safety of electrolysers that produce low viscosity, ionized liquids intended for use as detergent free wash water in appliances for household and similar purposes and which conform with the standards applicable to such appliances. It applies to electrolysers tested separately, under the most severe conditions that may be expected to occur in normal use, their rated voltage being not more than 250 V.

Keel en

EVS-EN 61229:2008/A2:2008

Hind 73,00

Identne EN 61229:1995/A2:2002

ja identne IEC 61229:1993/A2:2002

Rigid protective covers for live working on a.c. Installations

International Standard IEC 61229 is applicable to rigid insulating covers for live working ona.c. installations, including those described in IEC 60743.The barriers, having dielectric withstand which depends on the positioning clearance, areexcluded from this standard.

Keel en

EVS-EN 61229:2008/A1:2008

Hind 62,00

Identne EN 61229:1995/A1:1998

ja identne IEC 61229:1993/A1:1998

Rigid protective covers for live working on a.c. Installations

International Standard IEC 61229 is applicable to rigid insulating covers for live working ona.c. installations, including those described in IEC 60743.The barriers, having dielectric withstand which depends on the positioning clearance, areexcluded from this standard.

Keel en

EVS-EN 61229:2008

Hind 221,00

Identne EN 61229:1995

ja identne IEC 61229:1993

Rigid protective covers for live working on a.c. Installations

International Standard IEC 61229 is applicable to rigid insulating covers for live working ona.c. installations, including those described in IEC 60743.The barriers, having dielectric withstand which depends on the positioning clearance, areexcluded from this standard.

Keel en

EVS-EN 61243-2:2002/A1:2008

Hind 84,00

Identne EN 61243-2:1997/A1:2000

ja identne IEC 61243-2:1995/A1:1999

Live working - Voltage detectors - Part 2: Resistive type to be used for voltages of 1 kV to 36 kV a.c.

This part of IEC 61243 is applicable to portable voltage detectors with or without a built-in power source to be used on electrical systems for voltages of 1 kV to 36 kV a.c., and frequencies from 15 Hz to 60 Hz.

Keel en

EVS-EN ISO 9241-171:2008

Hind 286,00

Identne EN ISO 9241-171:2008

ja identne ISO 9241-171:2008

Ergonomics of human-system interaction - Part 171: Guidance on software accessibility

This part of ISO 9241 provides ergonomics guidance and specifications for the design of accessible software for use at work, in the home, in education and in public places. It covers issues associated with designing accessible software for people with the widest range of physical, sensory and cognitive abilities, including those who are temporarily disabled, and the elderly. It addresses software considerations for accessibility that complement general design for usability as addressed by ISO 9241-110, ISO 9241-11 to ISO 9241-17, ISO 14915 and ISO 13407. This part of ISO 9241 is applicable to the accessibility of interactive systems. It addresses a wide range of software (e.g. office, Web, learning support and library systems). It promotes the increased usability of systems for a wider range of users. While it does not cover the behaviour of, or requirements for, assistive technologies (including assistive software), it does address the use of assistive technologies as an integrated component of interactive systems. It is intended for use by those responsible for the specification, design, development, evaluation and procurement of software platforms and software applications.

Keel en

EVS-EN ISO 11064-5:2008

Hind 221,00

Identne EN ISO 11064-5:2008

ja identne ISO 11064-5:2008

Kontrollkeskuste ergonoomilised lahendused. Osa 5: Displeid ja kontrollseadmed

This part of ISO 11064 presents principles and gives requirements and recommendations for displays, controls, and their interaction, in the design of control-centre hardware and software.

Keel en

EVS-EN ISO 13753:2008

Hind 123,00

Identne EN ISO 13753:2008

ja identne ISO 13753:1998

Mehaaniline võnkumine ja löök. Kämbla-käsivarre vibratsioon. Meetod kämbla-käsivarresüsteemi poolt koormatud elastsete materjalide vibratsiooni ülekanduvuse mõõtmiseks

See standard määrab kindlaks elastse materjali vibratsiooni ülekanduvuse mõõtmiseks oludes, kus materjal on kämbla-käsivarresüsteemi poolt koormatud.

Keel en

Asendab EVS-EN ISO 13753:1999

EVS-EN ISO 13850:2008

Hind 95,00

Identne EN ISO 13850:2008

ja identne ISO 13850:2006

Masinate ohutus. Hädaseiskamine. Kavandamise põhimõtted

standard määratleb meetodid, mida kasutada postiettevõtjate poolt kogutud, töödeldud ja jaotatud siseriiklike ja rahvusvaheliste prioriteetsete üksikute kiripostisaadetiste punktist-punkti kulgemisaja mõõtmiseks. Selles vaadeldakse meetodeid, mis võimaldavad mõõtmiseks kasutada esinduslikku valimit igat tüüpi üksikutest adresseeritud kirisaadetistest. Punktist-punkti kulgemine tähendab saadetise liikumist alates selle jätmisest postiettevõtja vastutusalas olevasse kogumis- või vastuvõtusüsteemi kuni postiettevõtja vastutusalas oleva lõpliku kättetoimetuskohani. Üldine teenuse kvaliteeti näitav kulgemisaja uuringu tulemus tuleb esitada kujul, kus näidatakse, mitu protsenti postisaadetistest toimetati punktist-punkti J+ n päeva jooksul vastavalt ELi postiside direktiivile.

Keel en

Asendab EVS-EN ISO 13850:2006

EVS-EN ISO 15743:2008

Hind 190,00

Identne EN ISO 15743:2008

ja identne ISO 15743:2008

Ergonomics of the thermal environment - Cold workplaces - Risk assessment and management

This International Standard presents a strategy and practical tools for assessing and managing cold risk in the workplace, and includes - models and methods for cold risk assessment and management, - a checklist for identifying cold-related problems at work, - a model, method and questionnaire intended for use by occupational health care professionals in identifying those individuals with symptoms that increase their cold sensitivity and, with the aid of such identification, offering optimal guidance and instructions for individual cold protection, - guidelines on how to apply thermal standards and other validated scientific methods when assessing cold-related risks, and - a practical example from cold work. This International Standard supports good occupational health and safety (OHS). It is applicable to both indoor and outdoor work situations — indoor work includes work done inside vehicles, outdoor work both inland and offshore work — but is not applicable to diving situations or other types of work performed underwater.

Keel en

EVS-EN ISO 16000-15:2008

Hind 123,00

Identne EN ISO 16000-15:2008

ja identne ISO 16000-15:2008

Ruumiõhk. Osa 15: Lämmastikdioksiidi (NO2) proovide võtmise strateegia

This part of ISO 16000 specifies the planning of nitrogen dioxide indoor pollution measurements. In the case of indoor air measurements, the careful planning of sampling and the entire measurement strategy are of particular significance since the result of the measurement may have far-reaching consequences, for example, with regard to ascertaining the need for remedial action or the success of such an action. An inappropriate measurement strategy may lead to misrepresentation of the true conditions or, worse, to erroneous results.

Keel en

EVS-EN ISO 19493:2008

Hind 151,00

Identne EN ISO 19493:2007

ja identne ISO 19493:2007

Water quality - Guidance on marine biological surveys of hard-substrate communities

This International Standard provides guidance for marine biological surveys of supralittoral, eulittoral and sublittoral hard substrate for environmental impact assessment and monitoring in coastal areas. This International Standard comprises - development of the sampling programme, - survey methods, - species identification, and - storage of data and collected material. This International Standard specifies the minimum requirements for environmental monitoring. The methods are limited to surveys and semi-quantitative and quantitative recording techniques that cause little destruction of the fauna and flora. In practice, this refers to direct recording in the field and photography. Sampling by scraping off organisms, use of a suction sampler, etc. are not covered in this International Standard, but such techniques can be used as a supplement to obtain information on small-sized species or those that live hidden.

Keel en

EVS-EN ISO 20643:2008

Hind 141,00

Identne EN ISO 20643:2008

ja identne ISO 20643:2005

Mehaaniline võnkumine. Käeshoitavad ja käsitsi juhitavad masinad. Vibratsioonitugevuse hindamise põhimõtted

This document provides the basis for the drafting of vibration test codes for hand-held and hand-guided powerdriven machinery. It specifies the determination of hand-transmitted vibration emission in terms of frequencyweighted root-mean-square (r.m.s.) acceleration during type testing. For machines where vibration test codes do not exist, it may also be used for determination of emission values and contains sufficient guidance for designing an appropriate test.

Keel en

Asendab EVS-EN ISO 20643:2005

ASENDATUD VÕI TÜHISTATUD STANDARDID

CLC/TS 62046:2005

Identne CLC/TS 62046:2005

ja identne IEC 62046:2004

Safety of machinery – Application of protective equipment to detect the presence of persons

specifies requirements for the selection, positioning, configuration and commissioning, of protective equipment to detect the presence of persons in order to protect those persons from dangerous part(s) of machinery in industrial applications.

Keel en

Asendatud CLC/TS 62046:2008

EVS-EN 349:1998

Identne EN 349:1993

Masinate ohutus. Minimaalsed vahekaugused vältimaks inimese kehaosade muljumisohtu

Käesoleva Euroopa standardi eesmärgiks on võimaldada kasutajal (nt standardite koostajal, masinate konstrueerijal) vältida ohtu muljumisohtlikes alades. Selle standardiga määratakse minimaalsed vahekaugused sõltuvalt inimeste ohustatud kehaosast ja see standard on rakendatav siis, kui standardis esitatud meetodiga võib saavutada piisavat ohutust. Käesolev Euroopa standard on rakendatav ainult muljumisest tekkivate ohtude puhul ja seda ei saa kohaldada teistele võimalike ohtude, näiteks, löögi-, rebestus- või kaasahaaramisohu puhul.

Keel et

Asendatud EVS-EN 349:1998+A1:2008

EVS-EN 574:1999

Identne EN 574:1996

Masinate ohutus. Kahekäe-juhtseadised. Talitlusaspektid. Konstrueerimise põhimõtted

Standard kirjeldab kahekäe-juhtseadiste põhitunnuseid eesmärgiga tagada ohutus ning esitab kolme tüüpi seadiste talitluslikud tunnused. See standard ei kehti seadiste kohta, mis on ette nähtud kasutamiseks piiravate seadistena, tööshoidvate seadistena või spetsiifiliste juhtseadistena. Standard annab nõuded ja juhised kahekäe-juhtseadiste konstruktsiooni ja valiku, kaasa arvatud nende seadiste hindamise, hävimise ärahoidmise ning vigade tekke vältimise kohta.

Keel en

Asendatud EVS-EN 574:1999+A1:2008

EVS-EN 626-1:1998

Identne EN 626-1:1994

Masinate ohutus. Masinatest lähtuvatest ohtlikest ainetest tuleneva terviseriski vähendamine. Osa 1: Põhimõtted ja nõuded masinate tootjatele

Käesolevas Euroopa standardis käsitletakse masinatest lähtuvatest ohtlikest ainetest tulenevate tervisriskide haldamise põhimõtteid. Käesolevat Euroopa standardit ei saa kasutada nende ohtlike ainete puhul, mis on ohtlikud ainuüksi nende plahvatus-, süttivus-, või radioaktiivsete omaduste, kõrge või madala temperatuuri, kõrge või madala rõhu tõttu.

Keel et

Asendatud EVS-EN 626-1:1998+A1:2008

EVS-EN 626-2:1999

Identne EN 626-2:1996

ja identne ISO 14123-2:1998

Masinate ohutus. Masinatest eralduvate kahjulike ainete terviseohu vähendamine. Osa 2: Kontrollmenetluste aluseks olev metodoloogia

Standard määrab protseduuri, mis on ohtlike ainete eraldumisega seonduvate oluliste tegurite valiku aluseks. Standardi eesmärk on määrata kindlaks sobivad kontrolliparameetrid.

Keel en

Asendatud EVS-EN 626-2:1999+A1:2008

EVS-EN 840-6:2004

Identne EN 840-6:2004+AC:2004

Teisaldatavad heitmekonteinerid. Osa 6: Ohutuse ja tervisekaitse nõuded

This European Standard provides the essential safety, health and ergonomic requirements for mobile waste containers according to EN 840-1 to EN 840-4, not including hazardous wastes containers.

Keel en

Asendab EVS-EN 840-6:1999

Asendatud EVS-EN 840-6:2004+A1:2008

EVS-EN 999:1999

Identne EN 999:1998

Masinate ohutus. Kaitsevarustuse asend inimkehaosade lähenemiskiiruse suhtes

This European Standard provides parameters based on values for hand/arm and approach speeds and the methodology to determine the minimum distances from specific sensing or actuating devices of protective equipment to a danger zone.

Keel en

Asendatud EVS-EN 999:1999+A1:2008

EVS-EN 1028-1:2002

Identne EN 1028-1:2002

Tuletõrjepumbad. Löökpadruniga tuletõrje tsentrifugaalpumbad. Osa 1: Klassifikatsioon. Üld- ja ohutusnõuded

This standard applies for centrifugal pumps with priming devices for fire-fighting use supplied separately without driver and couplings. Fire-fighting centrifugal pumps with primer are defined as terminated by their inlet and outlet connections as well as by their shaft ends. This standard applies for fire-fighting centrifugal pumps with priming devices for use under ambient temperatures between -15 °C and 40 °C.

Keel en

Asendatud EVS-EN 1028-1:2002+A1:2008

EVS-EN 1088:1999

Identne EN 1088:1995

ja identne ISO 14119:1998

Masinate ohutus. Kaitsekatetega seonduvad blokeerseadised. Konstrueerimise ja valiku põhialused

Standard määrab kindlaks kaitsekatetega seonduvate blokeerseadiste konstrueerimise ja valiku põhimõtted, sõltumata energiaallika iseloomust. Standard esitab ka spetsiaalsed nõuded elektriliste blokeerseadiste kohta.

Keel en

Asendatud EVS-EN 1088:1999+A2:2008

EVS-EN 1088:1999/A1:2007

Identne EN 1088:1995/A1:2007

Masinate ohutus. Kaitsekatetega seonduvad blokeerseadised. Konstrueerimise ja valiku põhialused

Standard määrab kindlaks kaitsekatetega seonduvate blokeerseadiste konstrueerimise ja valiku põhimõtted, sõltumata energiaallika iseloomust. Standard esitab ka spetsiaalsed nõuded elektriliste blokeerseadiste kohta.

Keel en

Asendab EVS-EN 1088:1999+A2:2008

EVS-EN 1093-7:1999

Identne EN 1093-7:1998

Masinate ohutus. Õhu kaudu levivate ohtlike ainete emissiooni hindamine. Osa 7: Massi järgi eraldamise efektiivsus, jaotuskanaliteta väljumisava

Käesolev Euroopa standard määrab kindlaks katseseadmemeetodi massi järgi eraldamise efektiivsuse mõõtmiseks õhupuhastussüsteemide korral, mis töötavad ettemääratud tingimustel. Meetodit rakendatakse selliste süsteemide korral, mis puhastavad õhku aerosoolidest (tahmast, tolmust, suitsust, udust), aurust või gaasist ning millel on kindlaksmääratud suurusega õhu sisenemis- ja väljumisava ja neid on võimalik ühendada mõõtekanalitega.

Keel en

Asendatud EVS-EN 1093-7:1999+A1:2008

EVS-EN 1093-8:1999

Identne EN 1093-8:1998

Masinate ohutus. Õhu kaudu levivate ohtlike ainete emissiooni hindamine.Osa 8: Saasteaine kontsentratsiooni parameeter, katsestendimeetod

Käesolev Euroopa standard määrab kindlaks katsestendimeetodi seadmetest õhku leviva, määratud ohtliku aine saaste kontsentratsiooniparameetri mõõtmiseks täpselt piiritletud töötingimustes. Seda meetodit saab kasutada ainult emiteerunud gaaside, aurude ja hõljuvate osakeste määramiseks.

Keel en

Asendatud EVS-EN 1093-8:1999+A1:2008

EVS-EN 1093-6:1999

Identne EN 1093-6:1998

Masinate ohutus. Õhu kaudu levivate ohtlike ainete emissiooni hindamine. Osa 6: Massi järgi eraldamise efektiivsus, jaotuskanaliteta väljumisava

Käesolev Euroopa standard määrab kindlaks katseseadmemeetodi massi järgi eraldamise efektiivsuse mõõtmiseks jaotuskanaliteta väljumisavaga õhupuhastussüsteemide korral, mis töötavad ettemääratud tingimustel. Meetodit rakendatakse selliste süsteemide korral, mis puhastavad õhku tolmust, suitsust, aurust, udust või gaasist.

Keel en

Asendatud EVS-EN 1093-6:1999+A1:2008

EVS-EN 1093-9:1999

Identne EN 1093-9:1998

Masinate ohutus. Õhu kaudu levivate ohtlike ainete emissiooni hindamine. Osa 9: Saasteaine kontsentratsiooniparameeter, ruumimeetod

Käesolev Euroopa standard määrab kindlaks ruumimeetodi testimisruumis asuvatest ja kindlaksmääratud tingimustel töötavatest seadmetest õhku leviva määratud ohtliku aine saaste kontsentratsiooniparameetri mõõtmiseks.

Keel en

Asendatud EVS-EN 1093-9:1999+A1:2008

EVS-EN 1093-11:2002

Identne EN 1093-11:2001

Masinate ohutus. Õhu kaudu levivate ohtlike ainete emissiooni hindamine. Osa 11: Saasteärastamise näitaja

This standard describes a method for the measurement of the decontamination index of pollution control systems e.g. capture devices including local exhaust ventilation, water spray systems and, when appropriate, separation equipment installed on a machine. This method uses the real pollutant and can be operated in room or field environments.

Keel en

Asendatud EVS-EN 1093-11:2002+A1:2008

EVS-EN 1317-5:2007

Identne EN 1317-5:2007

Teepiirdesüsteemid. Osa 5: Toodetele esitatavad nõuded ja sõidukite turvasüsteemide vastavushindamine

This document specifies requirements for evaluation of conformity of the following vehicle restraint systems: • safety barriers; • crash cushions; • terminals (will be effective when ENV 1317-4 becomes an EN); • transitions (will be effective when ENV 1317-4 becomes an EN); • vehicle / pedestrian parapets (only for the vehicle restraint function)

Keel en

Asendatud EVS-EN 1317-5:2007+A1:2008

EVS-EN 13059:2002

Identne EN 13059:2002

Tööstuslike mootorkärude ohutus. Vibratsiooni mõõtmise katsemeetodid

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

Keel en

Asendatud EVS-EN 13059:2002+A1:2008

EVS-EN 13071:2002

Identne EN 13071:2002

Selective waste collection containers - Above-ground mechanically-lifted containers with capacities from 80 l to 5000 l for selective collection of waste

This European Standard specifies the requirements for above-ground containers, mechanically lifted and emptied, used for the selective collection of solid non-hazardous waste, with capacities from 80 l to 5000 l. The standard specifies the general characteristics of such containers and their accessories, the test methods and the safety requirements.

Keel en

Asendatud EVS-EN 13071-1:2008; EVS-EN 13071-2:2008

EVS-EN 13077:2004

Identne EN 13077:2003

Devices to prevent pollution by backflow of potable water - Air gap with non-circular overflow (unrestricted) - Family A-Type B

This European Standard specifies the characteristics and the requirements of air gap with non-circular overflow (unrestricted) Family A Type B for nominal flow velocity not exceeding 3 m/s. Air gaps are devices for protection of potable water in water installations from pollution. This standard applies to air gaps in factory assembled products and to constructed air gaps in situ, and defines the physico-chemical characteristics of materials of construction used for the purpose and application to ensure compliance with this standard during normal working use

Keel en

Asendatud EVS-EN 13077:2008

EVS-EN 14466:2005

Identne EN 14466:2005

Tuletõrjepumbad. Teisaldatavad pumbad. Ohutus- ja toimimisnõuded, katsed

This document applies to portable pumps using fire-fighting centrifugal pumps as defined in EN 1028, driven by an internal combustion engine and not intended to be permanently installed in fire-fighting and rescue service vehicles and not intended for prolonged unattended operation.

Keel en

Asendatud EVS-EN 14466:2005+A1:2008

EVS-EN 14710-1:2005

Identne EN 14710-1:2005

Tuletõrjepumbad. Ilma eelpumbata tsentrifugaalsed tuletõrjepumbad. Osa 1: Klassifikatsioon, üldised ja ohutusnõuded

This document applies to centrifugal pumps without priming devices for fire-fighting use designed as - floating pumps (FPN-F), - submersible pumps (FPN-S) or - boosted pumps (FPN-B). Fire-fighting centrifugal pumps without primer are defined as terminated by their inlet and outlet connections as well as by their shaft ends.

Keel en

Asendatud EVS-EN 14710-1:2005+A1:2008

EVS-EN 50264-2:2003

Identne EN 50264-2:2002

Railway applicactions - Railway rolling stock cables having special fire performance - Standard wall - Part 2: Single core cables

Part 2 of EN 50264 specifies requirements for, and constructions and dimensions of, single core cables of the following types and voltage ratings: 0,6/1 kV unscreened, unsheathed (1 mm2 to 400 mm2), 1,8/3 kV unscreened, unsheathed (1,5 mm2 to 400 mm2), 1,8/3 kV unscreened sheathed (1,5 mm2 to 400 mm2), 3,6/6 kV unscreened, sheathed (2,5 mm2 to 400 mm2). All cables have class 5 tinned copper conductors to HD 383, halogen-free insulation and where applicable halogen-free sheath.

Keel en

Asendatud EVS-EN 50264-2-1:2008

EVS-EN 50264-1:2003

Identne EN 50264-1:2002

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

Part 1 of EN 50264 specifies the general requirements applicable to the cables given in part 2 and part 3 of EN 50264. It includes the detailed requirements for the insulating and sheathing materials and other components called up in the separate parts. In particular EN 50264-1 specifies those requirements relating to fire safety which enable the cables to satisfy Hazard Levels 2, 3 and 4 of EN 45545-1.*

Keel en

Asendatud EVS-EN 50264-1:2008

EVS-EN 50264-3:2003

Identne EN 50264-3:2002

Railway applicactions - Railway rolling stock cables having special fire performance - Standard wall - Part : Multicore cables

Part 3 of EN 50264 specifies requirements for, and constructions and dimensions of, multicore cables of the following types and voltage ratings: - 300 V/500 V Screened or unscreened (1 mm 2 , 1,5 mm 2 and 2,5 mm 2 , number of cores from 2 to 40) - 0,6 kV/1 kV Screened or unscreened, (1 mm 2 to 50 mm 2 , 2, 3 and 4 core)

Keel en

Asendatud EVS-EN 50264-2-2:2008

EVS-EN ISO 13753:1999

Identne EN ISO 13753:1998

ja identne ISO 13753:1998

Mehaaniline võnkumine ja löök. Kämbla-käsivarre vibratsioon. Meetod kämbla-käsivarresüsteemi poolt koormatud elastsete materjalide vibratsiooni ülekanduvuse mõõtmiseks

See standard määrab kindlaks elastse materjali vibratsiooni ülekanduvuse mõõtmiseks oludes, kus materjal on kämbla-käsivarresüsteemi poolt koormatud.

Keel en

Asendatud EVS-EN ISO 13753:2008

EVS-EN ISO 13850:2006

Identne EN ISO 13850:2006

ja identne ISO 13850:2006

Masinate ohutus. Hädaseiskamine. Kavandamise põhimõtted (ISO 13850:2006)

standard määratleb meetodid, mida kasutada postiettevõtjate poolt kogutud, töödeldud ja jaotatud siseriiklike ja rahvusvaheliste prioriteetsete üksikute kiripostisaadetiste punktist-punkti kulgemisaja mõõtmiseks. Selles vaadeldakse meetodeid, mis võimaldavad mõõtmiseks kasutada esinduslikku valimit igat tüüpi üksikutest adresseeritud kirisaadetistest. Punktist-punkti kulgemine tähendab saadetise liikumist alates selle jätmisest postiettevõtja vastutusalas olevasse kogumis- või vastuvõtusüsteemi kuni postiettevõtja vastutusalas oleva lõpliku kättetoimetuskohani. Üldine teenuse kvaliteeti näitav kulgemisaja uuringu tulemus tuleb esitada kujul, kus näidatakse, mitu protsenti postisaadetistest toimetati punktist-punkti J+ n päeva jooksul vastavalt ELi postiside direktiivile.

Keel en

Asendab EVS-EN 418:1998

Asendatud EVS-EN ISO 13850:2008

EVS-EN ISO 20643:2005

Identne EN ISO 20643:2005

ja identne ISO 20643:2005

Mehaaniline võnkumine. Käeshoitavad ja käsitsi juhitavad masinad. Vibratsioonitugevuse hindamise põhimõtted

This European Standard specifies the determination of hand-arm vibration emission during type testing of handheld or hand-guided machinery. It may also be used for determination of emission values of individual machines

Keel en

Asendab EVS-EN 1033:1999

Asendatud EVS-EN ISO 20643:2008

KAVANDITE ARVAMUSKÜSITLUS

CLC/FprTS 50398

Identne CLC/FprTS 50398:2008

Tähtaeg 30.10.2008

Alarm systems - Combined and integrated alarm systems - General requirements

This Technical Specification specifies the requirements for alarm systems combined and integrated with other systems which may or may not be alarm systems. This Technical Specification defines requirements, related to the rules of integration, in order to complement the individual alarm application standards and to provide clarification where there is conflict. Alarm transmission systems are excluded from the scope of this Technical Specification.

Keel en

Asendab CLC/TS 50398:2003

EN 953:1999/prA1

Identne EN 953:1997/prA1:2008

Tähtaeg 30.10.2008

Masinate ohutus. Kaitsekatted. Kohakindlate ja teisaldatavate kaitsekatete konstruktsiooni ja valmistamise põhinõuded

See Euroopa standard määrab kindlaks konstruktsiooni ja valmistamise üldnõuded kaitsekatetele, mis on ette nähtud töötajate kaitsmiseks esmajoones mehaaniliste ohtude eest.

Keel en

EN 1366-4:2006/prA1

Identne EN 1366-4:2006/prA1:2008

Tähtaeg 30.10.2008

Fire resistance tests for service installations - Part 4: Linear joint seals

This European Standard specifies a method for determining the fire resistance of linear joint seals based on their intended end use. This European Standard is used in conjunction with EN 1363-1.

Keel en

EN 1760-1:1999/prA1

Identne EN 1760-1:1997/prA1:2008

Tähtaeg 30.10.2008

Masinate ohutus. Survetundlikud kaitseseadmed. Osa 1: Survetundlike mattide ja survetundlike põrandate konstrueerimise ja katsetamise põhialused

Standard määrab kindlaks nõuded survetundlike, tavaliselt pealeastumisel aktiveeritavate mattide ja põrandate kohta, millega kaitstakse inimesi ohtlike seadmete eest. Standardis on esitatud seadme talitluse, märgistuse ja dokumentatsiooni kohta kehtivad minimaalsed ohutusnõuded. Standard hõlmab survetundlikke matte ja põrandaid, sõltumata kasutatavast ajamiliigist, näiteks elektri-, hüdro-, pneumo- või mehaaniline ajam.

Keel en

EN 1760-2:2001/prA1

Identne EN 1760-2:2001/prA1:2008

Tähtaeg 30.10.2008

Masinate ohutus. Survetundlikud kaitseseadmed. Osa 2: Survetundlike servade ja survetundlike varbade kavandamise ja katsetamise üldpõhimõtted

This standard contains requirements for pressure sensitive edges and pressure sensitive bars for use as safety devices and not as actuating devices for normal operational. The standard applies to pressure sensitive edges and pressure sensitive bars used to detect persons or parts of persons who may be exposed to danger such as hazardous moving parts. The purpose of this standard relates primarily to safety and reliability rather than suitability. This standard specifies requirements for pressure sensitive edges and bars with and without an external reset facility.

Keel en

EN 1760-3:2004/prA1

Identne EN 1760-3:2004/prA1:2008

Tähtaeg 30.10.2008

Seadmete ohutus. Survetundlikud kaitseseadmete osad. Osa 3: Üldpõhimõtted survetundlike põrkeraudade, plaatide, trosside jm sarnaste vahendite ehituseks ja katsetamiseks

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

Keel en

EN 1846-2:2002/prA3

Identne EN 1846-2:2001/prA3:2008

Tähtaeg 30.10.2008

Tuletõrje- ja päästeteenistuse sõidukid. Osa 2: Üldnõuded. Ohutus ja jõudlus

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

Keel en

EN 12566-3:2005/prA1

Identne EN 12566-3:2005/prA1:2008

Tähtaeg 30.10.2008

Reovee väikepuhastid kuni 50 PT. Osa 3: Pakendatud ja/või kohapeal monteeritavad olmereovee töötlemise seadmed

This European Standard specifies requirements, test methods, the marking and evaluation of conformity for packaged and/or site assembled domestic wastewater treatment plants (including guest houses and businesses) used for populations up to 50 inhabitants.

Keel en

EN 12845:2005/prA1

Identne EN 12845:2004/prA1:2008

Tähtaeg 30.10.2008

Paiksed tulekustutussüsteemid. Automaatsed sprinklersüsteemid. Projekteerimine, paigaldamine ja hooldus

Käesolev standard kehtestab nõuded ja annab soovitused paiksete sprinklersüsteemide projekteerimiseks, paigaldamiseks ja hooldamiseks hoonetes ja tööstusehitistes, ning erinõuded sprinklersüsteemidele, mis on eluohutust tagavate meetmete osaks.
Käesolev standard käsitleb ainult sprinkleritüüpe, millised on määratletud standardis EN 12259-1 (vt lisa L).
Käesoleva standardi nõuded ja soovitused on kehtivad ka sprinklersüsteemide täiendamise, laiendamise, remondi või muude sprinklersüsteemi modifikatsioonide korral. Need ei kehti muude veepihustussüsteemide või deluge süsteemide kohta.

Keel en

EN 12845:2005/prA2

Identne EN 12845:2004/prA2:2008

Tähtaeg 30.10.2008

Paiksed tulekustutussüsteemid. Automaatsed sprinklersüsteemid. Projekteerimine, paigaldamine ja hooldus

Käesolev standard kehtestab nõuded ja annab soovitused paiksete sprinklersüsteemide projekteerimiseks, paigaldamiseks ja hooldamiseks hoonetes ja tööstusehitistes, ning erinõuded sprinklersüsteemidele, mis on eluohutust tagavate meetmete osaks.
Käesolev standard käsitleb ainult sprinkleritüüpe, millised on määratletud standardis EN 12259-1 (vt lisa L).
Käesoleva standardi nõuded ja soovitused on kehtivad ka sprinklersüsteemide täiendamise, laiendamise, remondi või muude sprinklersüsteemi modifikatsioonide korral. Need ei kehti muude veepihustussüsteemide või deluge süsteemide kohta.

Keel en

EN 60335-2-5:2003/FprAB

Identne EN 60335-2-5:2003/FprAB:2008

Tähtaeg 30.10.2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-5: Erinõuded kaubanduslikele nõudepesumasinatele

Deals with the safety of electric dishwashers. The rated voltage is less than 250 V for single-phase appliances and 480 V for other appliances. For commercial electric dishwashing machines, see IEC 60335-2-58

Keel en

EN ISO 12402-2:2006/prA1

Identne EN ISO 12402-2:2006/prA1:2008

ja identne ISO 12402-2:2006/DAM 1:2008

Tähtaeg 30.10.2008

Isiklikud ujuvvahendid. Osa 2: Päästevestid, toimivustase 275. Ohutusnõuded

This part of ISO 12402 specifies the safety requirements for lifejackets, performance level 275. It applies to lifejackets for adults and children for offshore use under extreme conditions.

Keel en

EN ISO 12402-3:2006/prA1

Identne EN ISO 12402-3:2006/prA1:2008

ja identne ISO 12402-3:2006/DAM 1:2008

Tähtaeg 30.10.2008

Isiklikud ujuvvahendid. Osa 3: Päästevestid, toimivustase 150. Ohutusnõuded

This part of ISO 12402 specifies the safety requirements for lifejackets, performance level 150. It applies to lifejackets used by adults or children.

Keel en

EN ISO 12402-4:2006/prA1

Identne EN ISO 12402-4:2006/prA1:2008

ja identne ISO 12402-4:2006/DAM 1:2008

Tähtaeg 30.10.2008

Isiklikud ujuvvahendid. Osa 4: Päästevestid, toimivustase 100. Ohutusnõuded

This part of ISO 12402 specifies the safety requirements for lifejackets, performance level 100. It applies to lifejackets used by adults or children.

Keel en

EN ISO 12402-5:2006/prA1

Identne EN ISO 12402-5:2006/prA1:2008

ja identne ISO 12402-5:2006/DAM1:2008

Tähtaeg 30.10.2008

Isiklikud ujuvvahendid. Osa 5: Ujuvpäästevahendid (tase 50). Ohutusnõuded

Standard määrab kindlaks 50 N nimikandevõimega ujuvpäästevahendite konstruktsiooni, töökarakteristikute, suuruse ja märgistuse nõuded ning katsetusmeetodid.

Keel en

EN ISO 12402-6:2006/prA1

Identne EN ISO 12402-6:2006/prA1:2008

ja identne ISO 12402-6:2006/DAM 1:2008

Tähtaeg 30.10.2008

Isiklikud ujuvvahendid. Osa 6: Eriotstarbelised päästevestid ja ujumisabivahendid. Ohutusnõuded ja täiendavad katsemeetodid

This part of ISO 12402 specifies the safety requirements and additional test methods for special purpose lifejackets and buoyancy aids (hereafter referred to as special purpose devices) in combination with the requirements specified in ISO 12402-2 to ISO 12402-5. It applies to special purpose devices for adults generally and for chidren younger than six years partially.

Keel en

EN ISO 12402-7:2006/prA1

Identne EN ISO 12402-7:2006/prA1:2008

ja identne ISO 12402-7:2006/DAM 1:2008

Tähtaeg 30.10.2008

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

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

Keel en

EN ISO 12402-8:2006/prA1

Identne EN ISO 12402-8:2006/prA1:2008

ja identne ISO 12402-8:2006/DAM 1:2008

Tähtaeg 30.10.2008

Isiklikud ujuvvahendid. Osa 8: Lisatarvikud. Ohutusnõuded ja katsemeetodid

This part of ISO 12402 specifies the safety requirements and test methods for accessories used for personal flotation devices (PFDs).

Keel en

EN ISO 12402-9:2006/prA1

Identne EN ISO 12402-9:2006/prA1:2008

ja identne ISO 12402-9:2006/DAM 1:2008

Tähtaeg 30.10.2008

Isiklikud ujuvvahendid. Osa 9: Katsemeetodid (ISO 12402-9:2006)

This part of ISO 12402 specifies the test methods for personal flotation devices.

Keel en

prEN 54-27

Identne prEN 54-27:2008

Tähtaeg 30.10.2008

Fire detection and fire alarm systems - Part 27: Duct smoke detectors

This document specifies requirements, test methods and performance criteria for fire detectors which detect smoke in air ducts in buildings as a part of a fire detection and fire alarm system or as an actuator for a fire protection system. For the testing of other types of smoke detectors, or smoke detectors working on different principles, this document can be used only for guidance. Duct smoke detectors with special characteristics and developed for specific risks are not covered by this document.

Keel en

prEN 1317-6

Identne prEN 1317-6: 200

Tähtaeg 30.10.2008

Road restraint systems - Pedestrian restraint systems - Part 6: Pedestrian Parapet

This European Standard EN 1317-6 specifies geometrical and technical requirements and defines the requirements for design and manufacture of pedestrian parapets on bridges carrying a road or cycle path or footpath/bridleway or on top of retaining walls and other similar elevated structures. This European Standard does not cover the requirements for: - Vehicle restraint systems or pedestrian restraint systems in residential, commercial or industrial buildings and within their perimeter, - Non rigid rails ie rope, cables, - Transparency, - Risks relating to the climbing of children. This European Standard covers pedestrian parapets placed on the market as kits (see 3.15).

Keel en

prEN 1366-1

Identne prEN 1366-1:2008

Tähtaeg 30.10.2008

Tehnoseadmete tulepüsivuuse katsed. Osa 1: Ventilatsioonikanalid

This Part of EN 1366 is describing a method for determining the evaluation of fire resistance of vertical and horizontal ventilation ducts including those access panels, which are integral part of the tested ducts/duct walls. The test examines the behaviour of ducts exposed to fire from the outside (duct A) and fire inside the duct (duct B). This Standard is used in conjunction with EN 1363-1. Annex A provides general guidance and gives background information. This European Standard is not applicable to: a) ducts whose fire resistance depends on the fire resistance performance of a ceiling; b) ducts containing fire dampers at points where they pass through fire separations; c) access panels, which are evaluated independent from the tested ducts/duct walls; d) two or three sided ducts; e) fixing of suspension devices to floors or walls. For evaluation of fire dampers see EN 1366-2. For evaluation of smoke extraction ducts see EN 1366-8. For evaluation of service ducts and shafts see prEN 1366-5.

Keel en

Asendab EVS-EN 1366-1:2001

prEN 15507

Identne prEN 15507:2008

Tähtaeg 30.10.2008

Packaging - Transport packaging for dangerous goods - Comparative material testing of polyethylene grades

This European Standard specifies material parameters, test requirements and procedures for the comparative testing of grades of high molecular weight high density polyethylene (PE-HD-HMW) and medium molecular weight high density polyethylene (PE-HD-MMW), used for the manufacture of packagings and IBCs for the transport of dangerous goods. It is intended to be used in conjunction with selective testing for packagings for liquids. The standard is not intended to be used for comparative testing of recycled plastics material.

Keel en

prEN 15845

Identne prEN 15845:2008

Tähtaeg 30.10.2008

Paper and board - Determination of the cytotoxicity of aqueous extracts

This document specifies a test method for the laboratory assessment of the potential cytotoxic effect of paper and board materials. This test method is intended to assess wet contact with food simulant.

Keel en

prEN 15852

Identne prEN 15852:2008

Tähtaeg 30.10.2008

Ambient air quality - Standard method for the determination of total gaseous mercury

This European Standard describes a standard method for determining total gaseous mercury (TGM) in ambient air using cold vapour atomic absorption spectrometry (CVAAS), cold vapour atomic fluorescence spectrometry (CVAFS) or Zeeman atomic absorption spectrometry (Zeeman AAS). This European Standard is applicable to background sites that are in accordance with the requirements of Directive 2004/107/EC and to urban and industrial sites. The performance characteristics of the method have been determined in comparative field validation tests carried out at four European locations: two background and two industrial sites. The method was tested for 2 months at each site over a period of 12 months using automated equipment currently used in Europe for determination of TGM in ambient air.

Keel en

prEN 15853

Identne prEN 15853:2008

Tähtaeg 30.10.2008

Ambient air quality - Standard method for the determination of mercury deposition

This European Standard specifies a method for the determination of the total deposition of mercury. This standard can be used within the framework of the European Council Directive on Ambient Air Quality Assessment and Management and Directive 2004/107/EC. Performance requirements with which the method has to comply are specified in this European Standard. The performance characteristics of the method were determined in comparative field validation tests carried out at two European locations. This European Standard is applicable to background sites that are in accordance with the requirements of Directive 2004/107/EC and to urban and industrial sites.

Keel en

prEN 15859

Identne prEN 15859:2008

Tähtaeg 29.11.2008

Air Quality - Certification of automated dust arrestment plant monitors for use on stationary sources - Performance criteria and test procedures

CEN has established standards for the certification of automated measuring systems (AMS) used for monitoring emissions from stationary sources. This certification is based on the following four sequential stages: a) performance testing of an AMS; b) initial assessment of the AMS manufacturer's quality management system; c) certification; d) post certification surveillance. This European Standard defines the performance criteria and procedures for performance testing of automated dust arrestment plant monitors used on stationary sources.

Keel en

prEN ISO 9241-20

Identne prEN ISO 9241-20:2008

ja identne ISO 9241-20:2008

Tähtaeg 30.10.2008

Ergonomics of human-system interaction - Part 20: Accessibility guidelines for information/communication technology (ICT) equipment and services

This part of ISO 9241 is intended for use by those responsible for planning, designing, developing, acquiring, and evaluating information/communication technology (ICT) equipment and services. It provides guidelines for improving the accessibility of ICT equipment and services such that they will have wider accessibility for use at work, in the home, and in mobile and public environments. It covers issues associated with the design of equipment and services for people with a wide range of sensory, physical and cognitive abilities, including those who are temporarily disabled, and the elderly.

Keel en

prEN ISO 10304-1

Identne prEN ISO 10304-1:2008

ja identne ISO 10304-1:2007

Tähtaeg 30.10.2008

Water quality - Determination of dissolved anions by liquid chromatography of ions - Part 1: Determination of bromide, chloride, fluoride, nitrate, nitrite, phosphate and sulfate

This part of ISO 10304 specifies a method for the determination of dissolved bromide, chloride, fluoride, nitrate, nitrite, orthophosphate and sulfate in water, e.g. drinking water, ground water, surface water, waste water, leachates and marine water by liquid chromatography of ions. The lower limit of application is W 0,05 mg/l for bromide and for nitrite, and W 0,1 mg/l for chloride, fluoride, nitrate, orthophosphate, and sulfate. The lower limit of application depends on the matrix and the interferences encountered. The working range may be expanded to lower concentrations (e.g. W 0,01 mg/l) if an appropriate pre-treatment of the sample (e.g. conditions for trace analyses, pre-concentration technique) is applied, and/or if an ultraviolet (UV) detector (for bromide, nitrate and nitrite) is used.

Keel en

Asendab EVS-EN ISO 10304-1:1999

prEN ISO 13855

Identne prEN ISO 13855:2008

ja identne ISO/DIS 13855:2008

Tähtaeg 30.10.2008

Safety of machinery - Positioning of protective equipment with respect to the approach speeds of parts of the human body

This document covers the positioning of protective equipment with respect to the approach speeds of parts of the human body. This standard specifies parameters based on values for approach speeds of parts of the human body and provides a methodology to determine the minimum distances from detection zones or actuating devices of protective equipment to a hazard zone. This standard assumes that the approach of persons towards the hazard zone will be at walking speed, i.e. 1 600 mm/s and that of upper arms at 2 000 mm/s. Other types of approach, for example running or jumping, are not considered in this standard. Protective equipment considered in this standard include: - electro-sensitive protective equipment (see IEC 61496, all parts); including: - light curtains and light grids (AOPDs); - laser scanners (AOPDDRs) and two dimensional vision systems; - pressure sensitive protective equipment (see ISO 13856 series), especially pressure sensitive mats; - two-hand control devices (see ISO 13851); - interlocking guards without guard locking (see ISO 14119). This standard specifies distances from the detection zone, plane, line or point to the hazard zone for hazards caused by the moving parts of the machine (e.g. crushing, shearing, drawing-in). Protection against the risks from hazards arising from the ejection of solid or fluid materials, emissions, radiation and electricity are not covered by this standard.

Keel en

Asendab EVS-EN 999:1999+A1:2008

prEN ISO 21427-2

Identne prEN ISO 21427-2:2008

ja identne ISO 21427-2:2006

Tähtaeg 30.10.2008

Water quality - Evaluation of genotoxicity by measurement of the induction of micronuclei - Part 2: Mixed population method using the cell line V79

This part of ISO 21427 specifies a method for the determination of genotoxicity of water and waste water using a mammalian in vitro test which detects damage, induced by water-soluble substances, to the chromosomes or the mitotic apparatus of V79 cells from the Chinese hamster. The micronucleus test allows the identification of substances that cause cytogenetic damage which results in the formation of micronuclei containing lagging chromosome fragments and/or whole chromosomes. The assay is based on the increase in the frequency of micronucleated cells after incubation with and without metabolic activation.

Keel en

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

UUED STANDARDID

CEN/TR 10345:2008

Hind 221,00

Identne CEN/TR 10345:2008

Guideline for statistical data treatment of inter laboratory tests for validation of analytical methods

This document is a guideline to the performance of the statistical evaluation of data from an inter laboratory test for method validation. Its purpose is to detail the methodology of ISO 5725-1, -2 and -3 for the treatment of registered data in the conditions used within the ECISS/TC 20 working groups

Keel en

CLC/TS 61949:2008

Hind 190,00

Identne CLC/TS 61949:2008

ja identne IEC/TS 61949:2007

Ultrasonics - Field Characterization - In-situ exposure estimation in finite-amplitude ultrasonic beams

This Technical Specification establishes: • the general concept of the limits of applicability of acoustic measurements in water resulting from finite-amplitude acoustic effects; • a method to ensure that measurements are made under quasi-linear conditions in order to minimise finite-amplitude effects, which may be applied under the following conditions: − to acoustic fields in the frequency range 0,5 MHz to 15 MHz; − to acoustic fields generated by plane sources and focusing sources of amplitude gain up to 12; − at all depths for which the maximum acoustic pressure in the plane perpendicular to the acoustic axis lies on the axis; − to both circular and rectangular source geometries; − to both continuous-wave and pulsed fields; • the definition of an acoustic quantity appropriate for establishing quasi-linear conditions; • a threshold value for the acoustic quantity as an upper limit for quasi-linear conditions; • a method for the estimation of attenuated acoustic quantities under conditions of nonlinear propagation in water.

Keel en

EVS-EN 12053:2002+A1:2008

Hind 141,00

Identne EN 12053:2001+A1:2008

Tööstuslike mootorkärude ohutus. Katsemeetodid müra mõõtmiseks KONSOLIDEERITUD TEKST

This noise measurement standard gives methods for determining the sound pressure level at the operator's position and the sound power level of industrial and rough terrain trucks. This European standard is a type test applicable to all industrial trucks listed in table A1. The test results obtained in accordance with this standard are also applicable to the evaluation of the hazard generated by noise from industrial trucks.

Keel en

Asendab EVS-EN 12053:2002

EVS-EN 50500:2008

Hind 132,00

Identne EN 50500:2008

Measurement procedures of magnetic field levels generated by electronic and electrical apparatus in the railway environment with respect to human exposure

he scope of this product-family standard is limited to apparatus, systems and fixed installations which are intended for use in the railway environment. The frequency range covered is 0 Hz to 300 GHz. Technical considerations and measurements are necessary for frequencies up to 20 kHz because no relevant field strengths are expected above due to the physical nature of EMF-sources in the railway environment. The object of this standard is to provide measurement and calculation procedures of electric and magnetic field levels generated by electronic and electrical apparatus in the railway environment with respect to human exposure. The regulations regarding the protection of human being during exposure to non-ionizing electromagnetic fields in the railway environment are different within the countries of European Community. This standard offers a procedure regarding measurement, simulation and evaluation.

Keel en

EVS-EN 60318-6:2008

Hind 132,00

Identne EN 60318-6:2008

ja identne IEC 60318-6:2007

Electroacoustics - Simulators of human head and ear -- Part 6: Mechanical coupler for the measurements on bone vibrators

This part of IEC 60318 describes a mechanical coupler for the measurement of the output force of bone vibrators. The mechanical impedance of the coupler is specified in the frequency range 125 Hz to 8 000 Hz. The coupler is intended for calibration of audiometers using bone vibrators having a plane circular tip area of 175 mm^2 ± 25 mm^2 and for determining the performance of bone conduction hearing aids. The vibratory force developed by a bone vibrator is not, in general, the same on the coupler as on a person’s mastoid. However, the IEC recommends its use as a means for the calibration of specified vibrators used in audiometry and for the exchange of specifications and of data on bone conduction hearing aids.

Keel en

Asendab EVS-HD 590 S1:2003

EVS-EN 61183:2008

Hind 162,00

Identne EN 61183:1994

ja identne IEC 61183:1994

Electroacoustics - Random-incidence and diffuse-field calibration of sound level meters

1.1 This International Standard describes a free-field calibration method for determiningrandom-incidence sensitivity levels of sound level meters. Additionally, the standarddescribes a diffuse-field calibration method for determining diffuse-field sensitivity levels.1.2 For the purpose of this International Standard, diffuse-field sensitivity level may beused interchangeably with random-incidence sensitivity level. Selection of calibrationmethod depends on the facility available.1.3 Results of calibrations conducted in accordance with this standard depend uponwhich components of a sound level meter are exposed to the sound field.1.4 For the purpose of this standard, a sound level meter is considered to be aconventional sound level meter, an integrating-averaging sound level meter, or any othersound measuring system.

Keel en

EVS-EN ISO 11200:1999/AC:2008

Hind 0,00

Identne EN ISO 11200:1995/AC:1997

ja identne ISO 11200:1995/COR1:1997

Akustika. Mehhanismide ja seadmete müra. Juhised üldstandardite kasutamiseks helirõhutaseme määramisel töö- ja muudes piiritletud kohtades

Keel en

EVS-EN ISO 11201:1999/AC:2008

Hind 0,00

Identne EN ISO 11201:1995/AC:1997

ja identne ISO 11201:1995

Akustika. Mehhanismide ja seadmete müra. Helirõhu taseme mõõtmine töö- ja muudes piiritletud kohtades. Tehniline meetod mõõtmiseks peamiselt vabas väljas peegeltasapinna kohal

Keel en

EVS-EN ISO 11202:1999/AC:2008

Hind 0,00

Identne EN ISO 11202:1995/AC:1997

ja identne ISO 11202:2005

Akustika. Mehhanismide ja seadmete müra. Helirõhutaseme mõõtmine töö- ja muudes piiritletud kohtades. Seiremeetod in situ

Keel en

EVS-EN ISO 11204:1999/AC:2008

Hind 0,00

Identne EN ISO 11204:1995/AC:1997

ja identne ISO 11204:1995/COR1:1997

Akustika. Mehhanismide ja seadmete müra. Helirõhutaseme mõõtmine töö- ja muudes piiritletud kohtades. Keskkonnakontrolli nõudev meetod

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 12053:2002

Identne EN 12053:2001 + AC:2002

Tööstuslike mootorkärude ohutus. Katsemeetodid müra mõõtmiseks

This noise measurement standard gives methods for determining the sound pressure level at the operator`s position and the sound power level of industrial and rough terrain trucks.

Keel en

Asendatud EVS-EN 12053:2002+A1:2008

EVS-HD 590 S1:2003

Identne HD 590 S1:1991

ja identne IEC 60373:1990

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.

Keel en

Asendatud EVS-EN 60318-6:2008

KAVANDITE ARVAMUSKÜSITLUS

prEN 257

Identne prEN 257:2008

Tähtaeg 30.10.2008

Gaasiseadmete mehaanilised termostaadid

This European Standard specifies the safety, construction and performance requirements for mechanical thermostats intended for use with gas appliances and similar use, hereafter referred to as ‘thermostats’. This European Standard covers type testing only. It applies to thermostats controlling the gas flow directly or indirectly through an integral gas valve, and which do not require external electrical energy for their operation. It applies to thermostats of nominal connection sizes up to and including DN 50 with declared maximum inlet pressures up to and including 500 mbar (50 kPa) for use with one or more fuel gases in accordance with EN 437. It only applies to thermostats used with gas appliances which are not installed in the open air. Thermostats dealt with in this standard are intended for control functions.

Keel en

Asendab EVS-EN 257:1999

19 KATSETAMINE

UUED STANDARDID

EVS-EN 12543-2:2008

Hind 104,00

Identne EN 12543-2:2008

Non-destructive testing - Characteristics of focal spots in industrial X-ray systems for use in non-destructive testing - Part 2: Pinhole camera radiographic method

This European Standard specifies a method for the measurement of focal spot dimensions above 0,2 mm of X-ray systems up to and including 500 kV tube voltage by means of the pinhole camera radiographic method. The voltage applied for this measurement is restricted to 200 kV for visual film evaluation. The image quality and the resolution of X-ray images depend highly on the characteristics of the focal spot, in particular the size and the two dimensional intensity distribution. For the characterisation of commercial X-ray tube types (i.e. for advertising or trade) the specific values of Table A.1 are used.

Keel en

Asendab EVS-EN 12543-2:2000

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 12543-2:2000

Identne EN 12543-2:1996

Non-destructive testing - Characteristics of focal spots in industrial X-ray systems for use in non-destructive testing - Part 2: Pinhole camera radiographic method

This standard deals with the production of focal spot pinhole radiographs to be used for the determination of focal spot dimensions above 0,2 mm of X-ray tube assemblies up to and including 500 kV tube voltage.

Keel en

Asendatud EVS-EN 12543-2:2008

KAVANDITE ARVAMUSKÜSITLUS

prEN 15856

Identne prEN 15856:2008

Tähtaeg 30.10.2008

Non-destructive testing - Acoustic emission - General principles of AE testing for the detection of corrosion within metallic surrounding filled with liquid

This standard describes acoustic emission testing (AT) on metallic surroundings filled with liquids for the detection of corrosion processes that are active at the time of the test. It is applicable to metallic storage tanks, such as those used in the chemical and petrochemical industry. The results provide a qualitative statement regarding the condition of the test object and a recommendation regarding the maximum allowable duration of the follow-on service period, based on the AT indications and additional information in order to characterize the AT indications. In the case of flat bottomed storage tanks (FBST) the procedure described within this standard provides testing of the complete bottom, the tank shell up to the filling height and in case of a floating roof tank also the roof sheets in contact with the stored liquid. As for every application of acoustic emission testing, the measured data contain information regarding active sources. An ongoing corrosion process, such as general corrosion and localized corrosion defined in EN ISO 8044, leading to progressive loss of wall thickness will be detected. A corrosion process which has stopped does not produce acoustic emission and will therefore not be detected.

Keel en

prEN 15857

Identne prEN 15857:2008

Tähtaeg 30.10.2008

Non-destructive testing - Acoustic emission - Testing of fibre-reinforced polymers - Specific methodology and general evaluation criteria

This standard shall describe the general principles of acoustic emission (AE) testing of materials, components and structures made of FRP with the aim of: - materials characterisation; - proof testing / manufacturing quality control; - retesting / in-service inspection; - health monitoring. When AE testing is used to assess the integrity of FRP materials, components or structures or identify critical zones of high damage accumulation or damage growth under load this standard shall further describe the specific methodology (e.g., suitable instrumentation, typical sensor arrangements, location procedures etc.). It shall also describe available, generally applicable evaluation criteria for AE testing of FRP and outline procedures for establishing such evaluation criteria in case they are lacking.

Keel en

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

KAVANDITE ARVAMUSKÜSITLUS

CLC/prTR 50484

Identne CLC/prTR 50484:2008

Tähtaeg 30.10.2008

Recommendations for shielded enclosures

This Technical Report applies to shielded enclosures used for EMC testing which are to be validated according to the EN 50147 series of standards and the corresponding international standards. The object of this report is to give guidance to the selection of the shielding materials and components. The frequency range for this document is 10 kHz to 40 GHz.

Keel en

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

UUED STANDARDID

CEN ISO/TS 21003-7:2008

Hind 132,00

Identne CEN ISO/TS 21003-7:2008

ja identne ISO/TS 21003-7:2008

Multilayer piping systems for hot and cold water installations inside buildings - Part 7: Guidance for the assessment of conformity

This Technical Specification is applicable, in conjunction with the other parts of ISO 21003 (see Foreword), to multilayer piping systems intended to be used for hot and cold water installations inside buildings for the conveyance of water — whether or not the water is intended for human consumption (domestic systems) or for heating systems — under specified design pressures and temperatures appropriate to the class of application (see Table 1 of ISO 21003-1:2008). It gives guidance for the assessment of conformity, to be included in the manufacturer's quality plan as part of the quality system. It includes: - requirements for materials, components, joints and assemblies given in the applicable part(s) of ISO 21003; - requirements for the manufacturer's quality system (e.g. ISO 9001 [2]); - definitions and procedures to be used if third-party certification is involved.

Keel en

EVS-EN 1092-3:2003/AC:2007

Hind 0,00

Identne EN 1092-3:2003/AC:2007

Äärikud ja nende ühendused. Ümmargused äärikud torudele, ventiilidele, ühendusdetailidele ja lisaseadmetele, PN klassifikatsiooniga. Osa 3: Vasesulamist äärikud

Keel en

EVS-EN 10216-5:2004/AC:2008

Hind 0,00

Identne EN 10216-5:2008/AC:2008

Surveotstarbelised õmblusteta terastorud. Tehnilised tarnetingimused. Osa 5: Roostevabad terastorud

Keel en

EVS-EN 13077:2008

Hind 123,00

Identne EN 13077:2008

Devices to prevent pollution by backflow of potable water - Air gap with non-circular overflow (unrestricted) - Family A-Type B

This European Standard specifies the characteristics and the requirements of air gap with non-circular overflow (unrestricted) Family A, Type B for nominal flow velocity not exceeding 3 m/s. Air gaps are devices for protection of potable water in water installations from pollution. This European Standard applies to air gaps in factory assembled products and to constructed air gaps in situ, and defines the physico-chemical characteristics of materials of construction used for the purpose and application to ensure compliance with this European Standard during normal working use.

Keel en

Asendab EVS-EN 13077:2004

EVS-EN 13094:2008

Hind 286,00

Identne EN 13094:2008

Tanks for the transport of dangerous goods - Metallic tanks with a working pressure not exceeding 0,5 bar - Design and construction

This European Standard specifies requirements for the design and construction of metallic tanks with a maximum working pressure not exceeding 50 kPa gauge used for the transport of dangerous goods by road and rail for which Tank Code with letter “G” is given in chapter 3.2 of ADR [2]. It also includes requirements for a system of identification of materials used in the construction of these tanks. This European Standard specifies requirements for openings, closures and structural equipment. This European Standard is applicable to aircraft refuellers that are used on public roads. It is also applicable to inter-modal tanks (e.g. tank containers and tank swap bodies) for the transport of dangerous goods by road and rail.

Keel en

Asendab EVS-EN 13094:2004

EVS-EN 13121-3:2008

Hind 377,00

Identne EN 13121-3:2008

GRP paagid ja anumad kasutamiseks ülalpool maapinda. Osa 3: Valmistamine ja väljatöötamisviis

This European Standard gives requirements for the design, fabrication, inspection, testing and verification of GRP tanks and vessels with or without Thermoplastics lining for storage or processing of fluids, factory made or site built, non pressurised or pressurised up to 10 bar, for use above ground. The terms vessels and tanks as used in this European Standard include branches up to the point of connection to pipe work or other equipment by bolting and supports, brackets or other attachments bonded directly to the shell. In addition to the definitive requirements, this European Standard also requires the items in Clause 5 to be fully documented. This European Standard covers vessels and tanks subject to temperatures between – 40 °C and + 120 °C.

Keel en

EVS-EN 14511-3:2007/AC:2008

Hind 0,00

Identne EN 14511-3:2007/AC:2008

Elektrilise ajamiga kompressoriga kliimaseadmed,vedelikjahutusega üksused ja soojuspumbad ruumi soojendamiseks ja jahutamiseks. Osa 3: Katsemeetodid

Keel en

EVS-EN 60335-2-51:2003/A1:2008

Hind 73,00

Identne EN 60335-2-51:2003/A1:2008

ja identne IEC 60335-2-51:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-51: Erinõuded kütte- ja tarbeveepaigaldiste statsionaarsetele ringluspumpadele

Deals with the safety of electric stationary circulation pumps intended for use in heating systems or in service water systems, having a rated power input not exceeding 300 W, their rated voltage being not more than 250 V for single-phase and 480 V for other appliances. Hydraulic and electric parts of the pump may be in the same enclosure, so that the water serves as a coolant, or they maybe seperate. This standard does not apply to pumps for circulating liquids other than water; pumps, other than circulation pumps (IEC 60335-2-41); circulation pumps intended exclusively for industrial purposes; circulation pumps intended for locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapor, or gas)

Keel en

EVS-EN 60335-2-65:2003/A1:2008

Hind 73,00

Identne EN 60335-2-65:2003/A1:2008

ja identne IEC 60335-2-65:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-65: Erinõuded õhupuhastusseadmetele

Deals with the safety of electric air-cleaning appliances, their rated voltage being not more than 250 V for single phase and 480 V for other appliances, for household purposes. Also includes appliances intended to be used by laymen in shops, in light industry and on farms

Keel en

EVS-EN ISO 21003-1:2008

Hind 104,00

Identne EN ISO 21003-1:2008

ja identne ISO 21003-1:2008

Multilayer piping systems for hot and cold water installations inside buildings - Part 1: General

This part of ISO 21003 specifies the general aspects of multilayer piping systems intended to be used for hot and cold water installations inside buildings for the conveyance of water — whether or not the water is intended for human consumption (domestic systems) or heating systems — under specified design pressures and temperatures appropriate to the class of application (see Table 1). ISO 21003 is a reference product standard (see 3.4.3). It is applicable to multilayer pipes, fittings, their joints, and also to joints with components made of other plastics and non-plastics materials intended to be used for hot and cold water installations. This part of ISO 21003 is intended for use only in conjunction with all the other parts of ISO 21003. ISO 21003 applies only to multilayer pipes with their inner layer made of plastics.

Keel en

EVS-EN ISO 21003-2:2008

Hind 141,00

Identne EN ISO 21003-2:2008

ja identne ISO 21003-2:2008

Multilayer piping systems for hot and cold water installations inside buildings - Part 2: Pipes

This part of ISO 21003 specifies the characteristics of pipes for multilayer piping systems intended to be used for hot and cold water installations inside buildings for the conveyance of water — whether or not the water is intended for human consumption (domestic systems) or heating systems — under specified design pressures and temperatures appropriate to the class of application (see Table 1 of ISO 21003-1:2008). It also specifies the test parameters for the test methods referred to in this part of ISO 21003. ISO 21003 is a reference product standard. It is applicable to multilayer pipes, fittings, their joints, and also to joints with components made of other plastics and non-plastics materials intended to be used for hot and cold water installations. This part of ISO 21003 is intended for use only in conjunction with all the other parts of ISO 21003. ISO 21003 covers a range of service conditions (application classes) and design pressures. It is not applicable for values of design temperature, TD, maximum design temperature, Tmax, and malfunction temperature, Tmal, in excess of those in Table 1 of ISO 21003-1:2008.

Keel en

EVS-EN ISO 21003-3:2008

Hind 104,00

Identne EN ISO 21003-3:2008

ja identne ISO 21003-3:2008

Multilayer piping systems for hot and cold water installations inside buildings - Part 3: Fittings

This part of ISO 21003 specifies the characteristics of fittings for multilayer piping systems intended to be used for hot and cold water installations inside buildings for the conveyance of water — whether or not the water is intended for human consumption (domestic systems) or for heating systems — under specified design pressures and temperatures appropriate to the class of application (see Table 1 of ISO 21003-1:2008). It also specifies the test parameters for the test methods referred to in this part of ISO 21003. ISO 21003 is a reference product standard. It is applicable to multilayer pipes, fittings, their joints, and also to joints with components made of other plastics and non-plastics materials intended to be used for hot and cold water installations. This part of ISO 21003 is intended for use only in conjunction with all the other parts of ISO 21003. This part of ISO 21003 covers fusion, solvent-cemented and mechanical fittings for a range of service conditions (application classes) and design pressures. It is not applicable for values of design temperature, TD, maximum design temperature, Tmax, and malfunction temperature, Tmal, in excess of those in Table 1 of ISO 21003-1:2008.

Keel en

EVS-EN ISO 21003-5:2008

Hind 104,00

Identne EN ISO 21003-5:2008

ja identne ISO 21003-5:2008

Multilayer piping systems for hot and cold water installations inside buildings - Part 5: Fitness for purpose of the system

This part of ISO 21003 specifies the characteristics for the fitness for purpose of multilayer piping systems intended to be used for hot and cold water installations inside buildings for the conveyance of water — whether or not the water is intended for human consumption (domestic systems) or for heating systems — under specified design pressures and temperatures appropriate to the class of application (see Table 1 of ISO 21003:2008). It also specifies the test parameters for the test methods referred to in this part of ISO 21003. ISO 21003 is a reference product standard. It is applicable to multilayer pipes, fittings, their joints, and also to joints with components made of other plastics and non-plastics materials intended to be used for hot and cold water installations. This part of ISO 21003 is intended for use only in conjunction with all the other parts of ISO 21003. ISO 21003 covers a range of service conditions (application classes) and design pressures. It is not applicable for values of design temperature, TD, maximum design temperature, Tmax, and malfunction temperature, Tmal, in excess of those in Table 1 of ISO 21003-1:2008.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 1093-7:1999

Identne EN 1093-7:1998

Masinate ohutus. Õhu kaudu levivate ohtlike ainete emissiooni hindamine. Osa 7: Massi järgi eraldamise efektiivsus, jaotuskanaliteta väljumisava

Käesolev Euroopa standard määrab kindlaks katseseadmemeetodi massi järgi eraldamise efektiivsuse mõõtmiseks õhupuhastussüsteemide korral, mis töötavad ettemääratud tingimustel. Meetodit rakendatakse selliste süsteemide korral, mis puhastavad õhku aerosoolidest (tahmast, tolmust, suitsust, udust), aurust või gaasist ning millel on kindlaksmääratud suurusega õhu sisenemis- ja väljumisava ja neid on võimalik ühendada mõõtekanalitega.

Keel en

Asendatud EVS-EN 1093-7:1999+A1:2008

EVS-EN 1093-6:1999

Identne EN 1093-6:1998

Masinate ohutus. Õhu kaudu levivate ohtlike ainete emissiooni hindamine. Osa 6: Massi järgi eraldamise efektiivsus, jaotuskanaliteta väljumisava

Käesolev Euroopa standard määrab kindlaks katseseadmemeetodi massi järgi eraldamise efektiivsuse mõõtmiseks jaotuskanaliteta väljumisavaga õhupuhastussüsteemide korral, mis töötavad ettemääratud tingimustel. Meetodit rakendatakse selliste süsteemide korral, mis puhastavad õhku tolmust, suitsust, aurust, udust või gaasist.

Keel en

Asendatud EVS-EN 1093-6:1999+A1:2008

EVS-EN 1093-11:2002

Identne EN 1093-11:2001

Masinate ohutus. Õhu kaudu levivate ohtlike ainete emissiooni hindamine. Osa 11: Saasteärastamise näitaja

This standard describes a method for the measurement of the decontamination index of pollution control systems e.g. capture devices including local exhaust ventilation, water spray systems and, when appropriate, separation equipment installed on a machine. This method uses the real pollutant and can be operated in room or field environments.

Keel en

Asendatud EVS-EN 1093-11:2002+A1:2008

EVS-EN 13077:2004

Identne EN 13077:2003

Devices to prevent pollution by backflow of potable water - Air gap with non-circular overflow (unrestricted) - Family A-Type B

This European Standard specifies the characteristics and the requirements of air gap with non-circular overflow (unrestricted) Family A Type B for nominal flow velocity not exceeding 3 m/s. Air gaps are devices for protection of potable water in water installations from pollution. This standard applies to air gaps in factory assembled products and to constructed air gaps in situ, and defines the physico-chemical characteristics of materials of construction used for the purpose and application to ensure compliance with this standard during normal working use

Keel en

Asendatud EVS-EN 13077:2008

EVS-EN 13094:2004

Identne EN 13094:2004

Tanks for the transport of dangerous goods - Metallic tanks with a working pressure not exceeding 0,5 bar - Design and cconstruction

This European Standard specifies minimum requirements for the design and construction of metallic tanks with a maximum working pressure not exceeding 50 kPa gauge used for the transport of dangerous goods by road and rail for which Tank Code with letter “G” is given in chapter 3.2 of ADR [2]. It also includes requirements for a system of identification of materials used in the construction of these tanks.

Keel en

Asendatud EVS-EN 13094:2008

KAVANDITE ARVAMUSKÜSITLUS

EN 334:2005/prA1

Identne EN 334:2005/prA1:2008

Tähtaeg 30.10.2008

Gaasirõhuregulaatorid sisendrõhule kuni 100 baari

This document specifies constructional and functional requirements, regulator sizing, testing, documentation and marking of gas pressure regulators used in the pressure regulating stations: - for inlet pressures up to 100 bar and nominal diameters up to DN 400; - for an operating temperature range from -20 °C to +60 °C, which operate with fuel gases of the 1st and 2nd family in accordance with EN 437 in transmission and distribution networks and also in commercial and industrial installations.

Keel en

prEN 1106

Identne prEN 1106:2008

Tähtaeg 30.10.2008

Gaasikütteseadmete käsijuhitavad kraanid

This European Standard specifies the safety, construction and performance requirements for manually operated taps and pre-setting taps intended for use with gas appliances and similar use, hereafter referred to as 'taps'. This European Standard covers type testing only. It applies to taps of nominal connection sizes up to and including DN 50 with declared maximum inlet pressures up to and including 500 mbar (50 kPa) for use with one or more fuel gases in accordance with EN 437. It does not apply to manual operated shut-off valves confirming to EN 331.

Keel en

Asendab EVS-EN 1106:2001

prEN 1119

Identne prEN 1119:2008

Tähtaeg 30.10.2008

Plastics piping systems - Joints for glass-reinforced thermosetting plastics (GRP) pipes and fittings - Test methods for leaktightness and resistance to damage of non-thrust resistant flexible joints with elastomeric sealing elements

This European Standard specifies test methods for flexible non-thrust resistant socket-and-spigot joints with elastomeric sealing elements for buried and above ground glass-reinforced thermosetting plastics (GRP) pipeline applications. It covers methods of test for the leaktightness and resistance to damage of the joint only, when subject to specified combinations of longitudinal extension (draw), angular movement (angular deflection), compression (misalignment) perpendicular to the pipe axis and internal pressure. This European Standard is applicable to joints for either pressure or non-pressure applications. These test procedures are applicable to joints for pipes and fittings of all nominal sizes. The tests are suitable for the evaluation of joints intended for applications in which the liquids are conveyed at temperatures specified in the referring standards.

Keel en

Asendab EVS-EN 1119:1999

prEN 1594

Identne prEN 1594:2008

Tähtaeg 30.10.2008

Gaasivarustussüsteemid. Torustikud maksimaalse töörõhuga üle 16 bar. Talituslikud nõuded

This European Standard is applicable to pipelines with a maximum operating pressure (MOP) over 16 bar for the carriage of processed, non-toxic and non-corrosive natural gas according to EN ISO 13686 in onland gas supply systems, where: - the pipeline elements are made of unalloyed or low-alloyed carbon steel; - the pipeline elements are joined by welds, flanges or mechanical couplings; - the pipeline is not located within commercial or industrial premises as an integral part of the industrial process on these premises except for any pipelines and facilities supplying such premises; - the design temperature of the system is between -40 ˚C and 120 ˚C inclusive; The standard apply to onshore pipeline systems from the point where the pipeline first crosses what is normally accepted as battery limit between on and offshore, e.g.: - first isolation valve; - the base of steep sea shelf; - above the high water/low water mark onto mainland; - an island.

Keel en

Asendab EVS-EN 1594:2007

prEN 15848

Identne prEN 15848:2008

Tähtaeg 30.10.2008

Water conditioning equipment inside buildings - Adjustable chemical dosing systems - Requirements for performance, safety and testing

This standard specifies definitions, principles of construction (but not dimensions) and design, requirements on performance and operation as well as methods for testing the performance of adjustable chemical dosing systems for conditioning water intended for human consumption inside buildings (see [1]) which are permanently connected to the mains supply.

Keel en

prEN ISO 10156

Identne prEN ISO 10156:2008

ja identne ISO/DIS 10156:2008

Tähtaeg 30.10.2008

Gases and gas mixtures - Determination of fire potential and oxidizing ability for the selection of cylinder valve outlets

This International Standard specifies methods for determining whether or not a gas or gas mixture is flammable in air and whether a gas or gas mixture is more or less oxidizing than air under atmospheric conditions. This International Standard is intended to be used for the classification of gases and gas mixtures including the selection of gas cylinder valve outlets. This International Standard does not cover the safe preparation of these mixtures under pressure and at temperatures other than ambient.

Keel en

Asendab EVS-EN ISO 10156-2:2005; EVS-EN 720-2:1999

prEN ISO 13769

Identne prEN ISO 13769:2008

ja identne ISO 13769:2007

Tähtaeg 30.10.2008

Gas cylinders - Stamp marking

This International Standard specifies stamp marking of refillable transportable gas cylinders and tubes of volume greater than 0,5 l and less than or equal to 3 000 l, including: - steel and aluminium gas cylinders; - composite gas cylinders; - acetylene cylinders; - LPG cylinders (see Annex B). These are hereafter referred to as "cylinders".

Keel en

Asendab EVS-EN ISO 13769:2006

25 TOOTMISTEHNOLOOGIA

UUED STANDARDID

CLC/TS 61949:2008

Hind 190,00

Identne CLC/TS 61949:2008

ja identne IEC/TS 61949:2007

Ultrasonics - Field Characterization - In-situ exposure estimation in finite-amplitude ultrasonic beams

This Technical Specification establishes: • the general concept of the limits of applicability of acoustic measurements in water resulting from finite-amplitude acoustic effects; • a method to ensure that measurements are made under quasi-linear conditions in order to minimise finite-amplitude effects, which may be applied under the following conditions: − to acoustic fields in the frequency range 0,5 MHz to 15 MHz; − to acoustic fields generated by plane sources and focusing sources of amplitude gain up to 12; − at all depths for which the maximum acoustic pressure in the plane perpendicular to the acoustic axis lies on the axis; − to both circular and rectangular source geometries; − to both continuous-wave and pulsed fields; • the definition of an acoustic quantity appropriate for establishing quasi-linear conditions; • a threshold value for the acoustic quantity as an upper limit for quasi-linear conditions; • a method for the estimation of attenuated acoustic quantities under conditions of nonlinear propagation in water.

Keel en

EVS-EN 1550:1999+A1:2008

Hind 104,00

Identne EN 1550:1997+A1:2008

Tööpinkide ohutus. Töödeldava eseme kinnitusrakiste projekteerimise ja ehitamise ohutusnõuded KONSOLIDEERITUD TEKST

This European Standard sets out the requirements and/or measures to remove the hazards and limit the risk on work holding chucks which are defined in 3.1. This European standard covers all the hazards relevant to this component. These hazards are listed in clause 4. The requirements of this standard concern designers, manufacturers, suppliers and importers of work holding chucks. This standard also includes information which the manufacturer shall provide to the user. This standard is primarily directed to components which are manufactured after the date of issue of this standard.

Keel en

Asendab EVS-EN 1550:1999

EVS-EN 13218:2002+A1:2008

Hind 305,00

Identne EN 13218:2002+A1:2008

Tööpingid. Ohutus. Statsionaarsed lihvimismasinad KONSOLIDEERITUD TEKST

This standard specifies the technical safety requirements and/or protective measures to be adopted by persons undertaking the design, construction and supply (including installation and dismantling, arrangements for transport and maintenance) of stationary grinding machines as defined in 3.1 and 3.2 and intended to be used for the grinding of workpieces of cold metal. This standard deals with the significant hazards as listed in 4. This standard does not apply to honing, polishing and belt grinding machines. This standard applies to machines which are manufactured after the date of issue of this standard.

Keel en

Asendab EVS-EN 13218:2002

EVS-EN 50504:2008

Hind 162,00

Identne EN 50504:2008

Validation of arc welding equipment

This European Standard specifies validation methods for arc welding equipment constructed and used to the accuracy specified in EN 60974-1 or other equivalent standards. The accuracy of this equipment is designated as standard grade. This European Standard is applicable to a) arc welding power sources, b) wire feeders, c) welding instrumentation. This European Standard is not applicable to arc striking and stabilizing device. Calibration, verification and validation of equipment for other welding processes and ancillary equipment which may affect the quality of the weld, e.g. flow gauges, thermocouples, robots and manipulators are given in EN ISO 17662.

Keel en

EVS-EN 60335-2-45:2003/A1:2008

Hind 73,00

Identne EN 60335-2-45:2002/A1:2008

ja identne IEC 60335-2-45:2002/A1:2008

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 2-45: Erinõuded kaasaskantavatele ja muudele taolistele kuumutamisseadmetele

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

Keel en

EVS-EN 61326-3-1:2008

Hind 208,00

Identne EN 61326-3-1:2008

ja identne IEC 61326-3-1:2008

Mõõtmis-, juhtimis- ja laboratooriumi-elektriseadmed. Elektromagnetilise ühilduvuse nõuded. Osa 3-1: Häiringukindlusõuded ohutusega seotud süsteemidele ja ohutuse tagamiseks (talitlusohutuseks) ettenähtud seadmetele. Üldtööstuslikud rakendused

The scope of IEC 61326-1 applies to this part of IEC 61326 but is limited to systems and equipment for industrial applications intended to perform safety functions as defined in IEC 61508 with SIL 1-3. The electromagnetic environments encompassed by this product family standard are industrial, both indoor and outdoor, as described for industrial locations in IEC 61000-6-2 or defined in 3.7 of IEC 61326-1. Equipment and systems intended for use in other electromagnetic environments, for example, in the process industry or in environments with potentially explosive atmospheres, are excluded from the scope of this product family standard, IEC 61326-3-1.

Keel en

Asendab EVS-EN 61326:2001/A3:2004; EVS-EN 61326:2001/A2:2002; EVS-EN 61326:2001

EVS-EN 61326-3-2:2008

Hind 199,00

Identne EN 61326-3-2:2008

ja identne IEC 61326-3-2:2008

Mõõtmis-, juhtimis- ja laboratooriumi-elektriseadmed. Elektromagnetilise ühilduvuse nõuded. Osa 3-2: Häiringukindlusõuded ohutusega seotud süsteemidele ja ohutuse tagamiseks (talitlusohutuseks) ettenähtud seadmetele. Tööstuslikud rakendused

The scope of IEC 61326-1 applies to this part of IEC 61326 but is limited to systems and equipment for industrial applications within a specified electromagnetic environment and intended to perform safety functions as defined in IEC 61508 with SIL 1-3. The electromagnetic environments encompassed by this product family standard are industrial, both indoor and outdoor, as they can be found in industrial applications with an electromagnetic environment having specified characteristics (for example, process industry). The difference between the electromagnetic environment covered by this standard compared to the general industrial environment (see IEC 61326-3-1) is due to the mitigation measures employed against electromagnetic phenomena leading to a specified electromagnetic environment.

Keel en

Asendab EVS-EN 61326:2001; EVS-EN 61326:2001/A2:2002; EVS-EN 61326:2001/A3:2004

EVS-EN 61784-3-1:2008

Hind 246,00

Identne EN 61784-3-1:2008

ja identne IEC 61784-3-1:2007

Industrial communication networks – Profiles – Part 3-1: Functional safety fieldbuses – Additional specifications for CPF 1

This part of the IEC 61784-3 series specifies a safety communication layer (services and protocol) based on CPF 1 of IEC 61784-1 and IEC 61158 Type 1 and 9. It identifies the principles for functional safety communications defined in IEC 61784-3 that are relevant for this safety communication layer. This part1 defines mechanisms for the transmission of safety-relevant messages among participants within a distributed network using fieldbus technology in accordance with the requirements of IEC 61508 series for functional safety. These mechanisms may be used in various industrial applications such as process control, manufacturing automation and machinery. This part provides guidelines for both developers and assessors of compliant devices and systems.

Keel en

EVS-EN 61784-3-2:2008

Hind 377,00

Identne EN 61784-3-2:2008

ja identne IEC 61784-3-2:2007

Industrial communication networks - Profiles - Part 3-2: Functional safety fieldbuses - Additional specifications for CPF 2

This part of the IEC 61784-3 series specifies a safety communication layer (services and protocol) based on CPF 2 of IEC 61784-1, IEC 61784-2 and IEC 61158 Type 2. It identifies the principles for functional safety communications defined in IEC 61784-3 that are relevant for this safety communication layer. This part1 defines mechanisms for the transmission of safety-relevant messages among participants within a distributed network using fieldbus technology in accordance with the requirements of IEC 61508 series for functional safety. These mechanisms may be used in various industrial applications such as process control, manufacturing automation and machinery. This part provides guidelines for both developers and assessors of compliant devices and systems.

Keel en

EVS-EN 61784-3-3:2008

Hind 324,00

Identne EN 61784-3-3:2008

ja identne IEC 61784-3-3:2007

Industrial communication networks - Profiles - Part 3-3: Functional safety fieldbuses - Additional specifications for CPF 3

This part of the IEC 61784-3 series specifies a safety communication layer (services and protocol) based on CPF 3 of IEC 61784-1, IEC 61784-2 (CP 3/1, CP 3/2, CP 3/4, CP 3/5 and CP 3/6) and IEC 61158 Types 3 and 10. It identifies the principles for functional safety communications defined in IEC 61784-3 that are relevant for this safety communication layer. This part1 defines mechanisms for the transmission of safety-relevant messages among participants within a distributed network using fieldbus technology in accordance with the requirements of IEC 61508 for functional safety. These mechanisms may be used in various industrial applications such as process control, manufacturing automation and machinery. This part provides guidelines for both developers and assessors of compliant devices and systems.

Keel en

EVS-EN 61784-3-6:2008

Hind 286,00

Identne EN 61784-3-6:2008

ja identne IEC 61784-3-6:2007

Industrial communication networks - Profiles - Part 3-6: Functional safety fieldbuses - Additional specifications for CPF 6

This part of the IEC 61784-3 series specifies a safety communication layer (services and protocol) based on CPF 6 of IEC 61784-1, IEC 61784-2 and IEC 61158 Type 8. It identifies the principles for functional safety communications defined in IEC 61784-3 that are relevant for this safety communication layer. This part1 defines mechanisms for the transmission of safety-relevant messages among participants within a distributed network using fieldbus technology in accordance with the requirements of IEC 61508 for functional safety. These mechanisms may be used in various industrial applications such as process control, manufacturing automation and machinery. This part provides guidelines for both developers and assessors of compliant devices and systems.

Keel en

EVS-EN 61784-5-2:2008

Hind 324,00

Identne EN 61784-5-2:2008

ja identne IEC 61784-5-2:2007

Industrial communication networks - Profiles -- Part 5-2: Installation of fieldbuses - Installation profiles for CPF 2

This part of IEC 61784 specifies the installation profiles for CPF 2 (CIP™1). The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2007.

Keel en

EVS-EN 61784-5-3:2008

Hind 305,00

Identne EN 61784-5-3:2008

ja identne IEC 61784-5-3:2007

Industrial communication networks - Profiles - Part 5-3: Installation of fieldbuses - Installation profiles for CPF 3

This part of IEC 61784 specifies the installation profiles for CPF 3 (PROFIBUS/PROFINET)1. The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2007.

Keel en

EVS-EN 61784-5-6:2008

Hind 233,00

Identne EN 61784-5-6:2008

ja identne IEC 61784-5-6:2007

Industrial communication networks - Profiles - Part 5-6: Installation of fieldbuses - Installation profiles for CPF 6

This part of IEC 61784 specifies the installation profiles for the media specified in CPF 6 (INTERBUS)1. The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2007.

Keel en

EVS-EN 61784-5-10:2008

Hind 151,00

Identne EN 61784-5-10:2008

ja identne IEC 61784-5-10:2007

Industrial communication networks - Profiles - Part 5-10: Installation of fieldbuses - Installation profiles for CPF 10

This part of IEC 61784 specifies the installation profile for CPF 10 (Vnet/IP™1). The installation profile is specified in the annex. This annex is read in conjunction with IEC 61918:2007.

Keel en

EVS-EN 61784-5-11:2008

Hind 151,00

Identne EN 61784-5-11:2008

ja identne IEC 61784-5-11:2007

Industrial communication networks - Profiles - Part 5-11: Installation of fieldbuses - Installation profiles for CPF 11

This part of IEC 61784 specifies the installation profile for CPF 11 (TCnet1). The installation profile is specified in the annex. This annex is read in conjunction with IEC 61918:2007.

Keel en

EVS-EN ISO 20643:2008

Hind 141,00

Identne EN ISO 20643:2008

ja identne ISO 20643:2005

Mehaaniline võnkumine. Käeshoitavad ja käsitsi juhitavad masinad. Vibratsioonitugevuse hindamise põhimõtted

This document provides the basis for the drafting of vibration test codes for hand-held and hand-guided powerdriven machinery. It specifies the determination of hand-transmitted vibration emission in terms of frequencyweighted root-mean-square (r.m.s.) acceleration during type testing. For machines where vibration test codes do not exist, it may also be used for determination of emission values and contains sufficient guidance for designing an appropriate test.

Keel en

Asendab EVS-EN ISO 20643:2005

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 1550:1999

Identne EN 1550:1997

Tööpinkide ohutus. Töödeldava eseme kinnitusrakiste projekteerimise ja ehitamise ohutusnõuded

See Euroopa standard sätestab peatükis 3.1 määratletud töödeldava detaili kinnitusrakiste nõuded ja/või mõõtmed eesmärgiga kõrvaldada ohte ja piirata riski kinnitusrakiste kasutamisel. See Euroopa standard hõlmab kõiki antud osaga seotud ohte.

Keel en

Asendatud EVS-EN 1550:1999+A1:2008

EVS-EN 13218:2002

Identne EN 13218:2002

Tööpingid. Ohutus. Statsionaarsed lihvimismasinad

This standard specifies the technical safety requirements and/or protective measures to be adopted by persons undertaking the design, construction and supply (including installation and dismantling, rrangements for transport and maintenance) of stationary grinding machines as defined in 3.1 and 3.2 and intended to be used for the grinding of workpieces of cold metal.

Keel en

Asendatud EVS-EN 13218:2002+A1:2008

KAVANDITE ARVAMUSKÜSITLUS

EN 692:2005/prA1

Identne EN 692:2005/prA1:2008

Tähtaeg 30.10.2008

Mehaanilised pressid. Ohutus

This European Standard specifies technical safety requirements and measures to be adopted by persons undertaking the design, manufacture and supply of mechanical presses with part revolution clutch hereinafter called presses which are intended to work cold metal or material partly of cold metal.

Keel en

EN 693:2001/prA1

Identne EN 693:2001/prA1:2008

Tähtaeg 30.10.2008

Tööpingid. Ohutus. Hüdraulilised pressid

This standard specifies technical safety requirements and measures to be adopted by persons undertaking the design (as defined in 3.11 of EN 292-1:1991), manufacture and supply of hydraulic presses which are intended to work cold metal or material partly of cold metal.

Keel en

EN 869:2006/prA1

Identne EN 869:2006/prA1:2008

Tähtaeg 30.10.2008

Masinaohutus. Metallivaluseadmete ohutusnõuded

This European Standard specifies the safety requirements for pressure metal diecasting units. It applies to pressure diecasting machines and to the interfaces with the following ancillary equipment: - die, - melting, holding and dosing furnaces (see EN 746-1), - metal feeding equipment, - inserting and removal devices, - spraying appliances, - heat exchanger for the die.

Keel en

EN 1248:2001/prA1

Identne EN 1248:2001/prA1:2008

Tähtaeg 30.10.2008

Valukoja seadmed. Abrasiivjoaseadmete ohutusnõuded

This standard specifies requirements to be met by the manufacturer of abrasive blasting equipment for the foreseeable significant hazards due to design, construction and installation, during commissioning, operation, maintenance and decommissioning of the equipment which employ either centrifugal force or compressed air as a means of accelerating abrasive to achieve the desired result.

Keel en

EN 12348:2000/prA1

Identne EN 12348:2000/prA1:2008

Tähtaeg 30.10.2008

Südamikpuurimismasinad alusel. Ohutus

This standard applies to core drilling machines on transportable stands equipped with a diamond core drill bit, usually with a water supply connection device, and intended to drill holes into stone, concrete and similar mineral materials in a stationary position where the power for the tool rotation is supplied by an electrical, hydraulic, pneumatic or internal combustion prime motor.

Keel en

EN 12417:2001/prA2

Identne EN 12417:2001/prA2:2008

Tähtaeg 30.10.2008

Tööpingid. Ohutus. Töötluskeskused

This standrd specifies the technical safety requirements and protective measures to be adopted by persons undertaking the design, construction and supply (including installation and dismantling, with arrangements for transport and maintenance,) of machining centres.

Keel en

EN 12717:2001/prA1

Identne EN 12717:2001/prA1:2008

Tähtaeg 30.10.2008

Tööpinkide ohutus. Puurpingid

This standard specifies the technical safety requirements and measures to be adopted by persons undertaking the design, construction and supply (including installation and dismantling, with arrangements for transport and maintenance) of stationary drilling machines.

Keel en

EN 12957:2001/prA1

Identne EN 12957:2001/prA1:2008

Tähtaeg 30.10.2008

Tööpingid. Ohutus. Elektrotühjakslaadimismasinad

This standard specifies technical safety requirements and measures, applicable to EDM equipment and EDM system (e.g. for spark erosion-sinking, spark erosion-wire cutting), to be adopted by persons undertaking the design, construction, installation and/or supply of such equipment. This standard also includes information to be provided by the manufacturer to the user.

Keel en

EN 13736:2003/prA1

Identne EN 13736:2003/prA1:2008

Tähtaeg 30.10.2008

Tööpinkide ohutus. Pneumaatilised pressid

This standard specifies technical safety requirements and protective measures to be adopted by persons undertaking the design (as defined in 3.11 of EN 292-1:1991), manufacture and supply of pneumatic presses the intended use of which is the cold working of metal or material partly of metal as defined in 3.1.13 and hereafter referred as machines

Keel en

EN 13898:2003/prA1

Identne EN 13898:2003/prA1:2008

Tähtaeg 30.10.2008

Tööpingid. Ohutus. Seadmed külmmetalli saagimiseks

This standard specifies the safety requirements and measures to be adopted by persons undertaking the design, construction and supply (including installation, setting up, maintenance, and repair) of machines whose primary intended use is for sawing cold metal (ferrous and non-ferrous), or material partly of cold metal, by means of a saw blade

Keel en

EN 13985:2003/prA1

Identne EN 13985:2003/prA1:2008

Tähtaeg 30.10.2008

Tööpingid. Ohutus. Giljotiinlõikepingid

This standard specifies technical safety requirements and measures to be adopted by persons undertaking the design as defined in 3.11 of EN 292-1:1991, manufacture and supply of guillotine shears which are intended to work cold metal or material partly of cold metal

Keel en

EN 14070:2004/prA1

Identne EN 14070:2003/prA1:2008

Tähtaeg 30.10.2008

Tööpingid. Ohutus. Edastus- ja eriotstarbelised seadmed

This standard specifies the technical safety requirements and protective measures to be adopted by persons undertaking the design, construction and supply (including information which must be provided for installation and dismantling, with arrangements for transport and maintenance) of transfer and special purpose machines (see 3.1)

Keel en

EN 15027:2007/prA1

Identne EN 15027:2008/prA1:2008

Tähtaeg 30.10.2008

Kantav seinasaag ja juhtmelõikur töökohal kasutamiseks. Ohutus

The global description “wall saw and wire saw equipment” contains two differing types of machines for use in the construction industry, and both used to make cuts on walls, ceilings and floors composed of mineral construction materials and/or composite materials. The many different cutting tasks and choice of operating method determine the type of machine to be used for each application. The machines may therefore be split into the following two principal classifications:- Wall saws – exclusively rail guided – transportable.- Wire saws – transportable.The machines are intended for the use of diamond tools. The types of cutting tools used in conjunction with the machines as described above fall within the design and use parameters supplied by the manufacturer. Cutting debry generated by the cutting action is removed from the cutting joint by a medium such as water directed to the cutting tool. Machines covered by this standard may be powered by: electric motor, IC engine, electro-hydraulic drive and IC engine-hydraulic drive.

Keel en

FprEN 62264-5

Identne FprEN 62264-5:2008

ja identne IEC 62264-5:200X

Tähtaeg 30.10.2008

Enterprise system integration - Part 5: Business to manufacturing transactions

This part of IEC 62264 defines transactions in terms of information exchanges between applications performing business and manufacturing activities associated with Levels 3 and 4. The exchanges are intended to enable information collection, retrieval, transfer and storage in support of Enterprise-Control system integration. This part is consistent with the IEC 62264-1 models and terminology and IEC 62264-2 object model attributes. This part also defines transactions that specify how to exchange the objects defined in Part 1 Clause 7, Part 2 and this part. Other uses of the transaction model are not defined in this part. The models covered in this standard are: Personnel Model, Equipment Model, Maintenance Model, Material Model, Process Segment Model, Production Capability Model, Product Definition Model, Production Schedule Model, and Production Performance Model.

Keel en

prEN 13507

Identne prEN 13507:2008

Tähtaeg 30.10.2008

Thermal spraying - Pre-treatment of surfaces of metallic parts and components for thermal spraying

This European Standard specifies the processing of surface preparation for thermal spraying. Important principles indicated in this standard shall be taken into consideration when surfaces of metallic parts are to be prepared for thermal spraying. This standard applies for production of new parts as well as for the repair of worn parts. This standard does not apply for thermal spraying in the case of protection against atmospheric corrosion by coatings of zinc and/or aluminium and their alloys, for which EN ISO 2063 applies.

Keel en

Asendab EVS-EN 13507:2001

27 ELEKTRI- JA SOOJUSENERGEETIKA

UUED STANDARDID

EVS-EN 45510-2-9:2008

Hind 233,00

Identne EN 45510-2-9:2008

Guide for procurement of power station equipment -- Part 2-9: Electrical equipment - Cabling systems

This standard gives guidance on writing the technical specification for the procurement of equipment for use in electricity generating stations (power stations). This Guide for procurement is not applicable to equipment for use in the nuclear reactor plant area of nuclear power stations. Other possible applications of such equipment have not been considered in the preparation of this Guide. This Guide on cabling systems deals with a wide range of activities and may be used for any or all of these activities by selection of the relevant parts e.g.: - provision of support for cable; - laying of cable; - completion of cable ends; The Guide covers the installation of power cable up to and including 20,8/36 (42) kV and the supply and installation of control and instrumentation cable. The supply of power cable is covered by EN 45510-2-8. The Guide includes the installation of protective conductor cable for earthing and equipotential bonding up to the main earthing busbar(s), but not the below ground earth-electrode network.

Keel en

EVS-EN 60904-3:2008

Hind 190,00

Identne EN 60904-3:2008

ja identne IEC 60904-3:2008

Photovoltaic devices -- Part 3: Measurement principles for terrestrial photovoltaic (PV) solar devices with reference spectral irradiance data

This part of IEC 60904 applies to the following photovoltaic devices for terrestrial applications: – solar cells with or without a protective cover; – sub-assemblies of solar cells; – modules; – systems. The principles contained in this standard cover testing in both natural and simulated sunlight. This standard is not applicable to solar cells designed for operation in concentrated sunlight or to modules embodying concentrators.

Keel en

Asendab EVS-EN 60904-3:2002

EVS-EN 61646:2008

Hind 221,00

Identne EN 61646:2008

ja identne IEC 61646:2008

Thin-film terrestrial photovoltaic (PV) modules - Design qualification and type approval

This International Standard lays down requirements for the design qualification and type approval of terrestrial, thin-film photovoltaic modules suitable for long-term operation in general open-air climates as defined in IEC 60721-2-1. This standard is intended to apply to all terrestrial flat plate module materials not covered by IEC 61215. The test sequence is derived from IEC 61215 for the design qualification and type approval of terrestrial crystalline silicon PV modules. However, it no longer relies on meeting a plus/minus criterion before and after each test, but rather on meeting a specified percentage of the rated minimum power after all of the tests have been completed and the modules have been light-soaked. This eliminates the technology-specific preconditioning necessary to accurately measure the changes caused by the test. This standard does not apply to modules used with concentrators.

Keel en

Asendab EVS-EN 61646:2002

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 60904-3:2002

Identne EN 60904-3:1993

ja identne IEC 60904-3:1989

Photovoltaic devices - Part 3: Measurement principles for terrestrial photovoltaic (PV) solar devices with reference spectral irradiance data

Applies to the following crystalline silicon photovoltaic devices for terrestrial applications: single solar cells with or without protective cover, sub-assemblies at solar cells, and flat modules.

Keel en

Asendatud EVS-EN 60904-3:2008

EVS-EN 61646:2002

Identne EN 61646:1997

ja identne IEC 61646:1996

Thin-film terrestrial photovoltaic (PV) modules - Design qualification and type approval

This International Standard lays down IEC requirements for the design qualification and type approval of terrestrial thin-film photovoltaic modules suitable for long-term operation in moderate open-air climates as defined in IEC 721-2-1. It is written with amorphous silicon technology in mind, but may also be applicable to other thin-film PV modules.

Keel en

Asendatud EVS-EN 61646:2008

KAVANDITE ARVAMUSKÜSITLUS

FprEN 60904-4

Identne FprEN 60904-4:2008

ja identne IEC 60904-4:200X

Tähtaeg 30.10.2008

Photovoltaic devices - Part 4: Procedure for establishing the traceability of the calibration of reference solar devices

This standard applies to Photovoltaic (PV) reference solar devices that are used to measure the irradiance of natural or simulated sunlight for the purpose of quantifying the performance of PV devices. The use of a PV reference solar device is required in the application of 60904-1 and 60904-3. This standard has been written with single junction PV reference solar devices in mind, in particular crystalline Silicon. However the main part of the standard is sufficiently general to include other technologies. The methods described in the annex, however, are limited to single junction technologies.

Keel en

FprEN 60904-10

Identne FprEN 60904-10:2008

ja identne IEC 60904-10:200X

Tähtaeg 29.11.2008

Photovoltaic devices - Part 10: Methods of linearity measurement

This International Standard describes procedures used to determine the degree of linearity of any photovoltaic device parameter with respect to a test parameter. It is primarily intended for use by calibration laboratories, module manufacturers and system designers. Photovoltaic (PV) module and system performance evaluations, and performance translations from one set of temperature and irradiance conditions to another frequently rely on the use of linear equations (see IEC 60891 and IEC 61829). This standard lays down the linearity requirements and test methods to ensure that these linear equations will give satisfactory results. Indirectly, these requirements dictate the range of the temperature and irradiance variables over which the equations can be used.

Keel en

Asendab EVS-EN 60904-10:2002

29 ELEKTROTEHNIKA

UUED STANDARDID

CLC/TR 50462:2008

Hind 233,00

Identne CLC/TR 50462:2008

Rules for the determination of uncertainties in the measurement of the losses on power transformers and reactors

This Technical Report illustrates the procedures and criteria to be applied to evaluate the uncertainty affecting the measurements of no load and load losses during the routine tests on power transformers. Even if the attention is especially paid to the transformers, the document can be also used for the measurements of reactor losses, when applicable.

Keel en

CLC/TS 61643-12:2008

Hind 358,00

Identne CLC/TS 61643-12:2006

ja identne IEC 61643-12:2002

Low-voltage surge protective devices -- Part 12: Surge protective devices connected to low-voltage power systems - Selection and application principles

This parts of IEC 61643 describes the principles for selection, operation, location and coordination of SPDs to be connected to 50 Hz to 60 Hz a.c. and to d.c. power circuits and equipment rated up to 1 000 V r.m.s. or 1 500 V d.c.

Keel en

EVS-EN 45510-2-9:2008

Hind 233,00

Identne EN 45510-2-9:2008

Guide for procurement of power station equipment -- Part 2-9: Electrical equipment - Cabling systems

This standard gives guidance on writing the technical specification for the procurement of equipment for use in electricity generating stations (power stations). This Guide for procurement is not applicable to equipment for use in the nuclear reactor plant area of nuclear power stations. Other possible applications of such equipment have not been considered in the preparation of this Guide. This Guide on cabling systems deals with a wide range of activities and may be used for any or all of these activities by selection of the relevant parts e.g.: - provision of support for cable; - laying of cable; - completion of cable ends; The Guide covers the installation of power cable up to and including 20,8/36 (42) kV and the supply and installation of control and instrumentation cable. The supply of power cable is covered by EN 45510-2-8. The Guide includes the installation of protective conductor cable for earthing and equipotential bonding up to the main earthing busbar(s), but not the below ground earth-electrode network.

Keel en

EVS-EN 50264-1:2008

Hind 190,00

Identne EN 50264-1:2008

Railway applications - Railway rolling stock power and control cables having special fire performance -- Part 1: General requirements

EN 50264-1 specifies the general requirements applicable to the cables given in all other parts of EN 50264. It includes the detailed requirements for the insulating and sheathing materials and other components called up in the separate parts. In particular EN 50264-1 specifies those requirements relating to fire safety. Based on proven experience and reliability over many years these cables are rated for occasional thermal stresses causing ageing equivalent to continuous operational life at a conductor temperature of 90 °C. The maximum conductor temperature for short circuit conditions is 200 °C based on a duration of 5 s. This Part 1 should be read in conjunction with the other parts of EN 50264.

Keel en

Asendab EVS-EN 50264-1:2003

EVS-EN 50264-2-1:2008

Hind 162,00

Identne EN 50264-2-1:2008

Railway applications - Railway rolling stock power and control cables having special fire performance -- Part 2-1: Cables with crosslinked elastomeric insulation - Single core cables

EN 50264-2-1 specifies requirements for, and constructions and dimensions of, single core cables of the following types and voltage ratings: • 0,6/1 kV unscreened, unsheathed (1 mm² to 400 mm²); • 1,8/3 kV unscreened, unsheathed (1,5 mm² to 400 mm²); • 1,8/3 kV unscreened, sheathed (1,5 mm² to 400 mm²); • 3,6/6 kV unscreened, sheathed (2,5 mm² to 400 mm²). All cables have class 5 tinned copper conductors to EN 60228, halogen-free insulation and halogen-free 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 conductor temperature not exceeding 90 °C and a maximum temperature for short circuit conditions of 200 °C based on a duration of 5 s. Under fire conditions the cables exhibit special performance characteristics in respect of maximum permissible flame propagation (flame spread) and maximum permissible emission of smoke and toxic gases. EN 50264-2-1 should be read in conjunction with Part 1 “General requirements”.

Keel en

Asendab EVS-EN 50264-2:2003

EVS-EN 50264-2-2:2008

Hind 162,00

Identne EN 50264-2-2:2008

Railway applications - Railway rolling stock power and control cables having special fire performance -- Part 2-2: Cables with crosslinked elastomeric insulation - Multicore cables

EN 50264-2-2 specifies requirements for, and constructions and dimensions of, multicore cables of the following types and voltage ratings: • 300/500 V screened or unscreened (1 mm², 1,5 mm² and 2,5 mm², number of cores from 2 to 40); • 0,6/1 kV screened or unscreened (1,5 mm² to 50 mm², 2, 3 and 4 cores). All cables have class 5 tinned copper conductors to EN 60228, halogen-free insulation and halogen-free 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 conductor temperature not exceeding 90 °C and a maximum temperature for short circuit conditions of 200 °C based on a duration of 5 s. Under fire conditions the cables exhibit special performance characteristics in respect of maximum permissible flame propagation (flame spread) and maximum permissible emission of smoke and toxic gases. EN 50264-2-2 should be read in conjunction with Part 1 “General requirements”.

Keel en

Asendab EVS-EN 50264-3:2003

EVS-EN 50264-3-1:2008

Hind 162,00

Identne EN 50264-3-1:2008

Railway applications - Railway rolling stock power and control cables having special fire performance -- Part 3-1: Cables with crosslinked elastomeric insulation with reduced dimensions - Single core cables

EN 50264-3-1 specifies requirements for, and constructions and dimensions of, single core cables of the following types and voltage ratings: • 0,6/1 kV unscreened, unsheathed (1 mm2 to 400 mm2); • 1,8/3 kV unscreened, unsheathed (1,5 mm2 to 400 mm2); • 1,8/3 kV unscreened, sheathed (1,5 mm2 to 400 mm2); • 3,6/6 kV unscreened, sheathed (2,5 mm2 to 400 mm2). All cables have class 5 tinned copper conductors to EN 60228, halogen-free insulation and halogen-free 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 conductor temperature not exceeding 90° C and a maximum temperature for short circuit conditions of 200 °C based on a duration of 5 s. Under fire conditions the cables exhibit special performance characteristics in respect of maximum permissible flame propagation (flame spread) and maximum permissible emission of smoke and toxic gases. EN 50264-3-1 should be read in conjunction with Part 1 “General requirements”.

Keel en

EVS-EN 50264-3-2:2008

Hind 180,00

Identne EN 50264-3-2:2008

Railway applications - Railway rolling stock power and control cables having special fire performance -- Part 3-2: Cables with crosslinked elastomeric insulation with reduced dimensions - Multicore cables

EN 50264-3-2 specifies requirements for, and constructions and dimensions of, multicore cables of the following types and voltage ratings: • 300/500 V screened or unscreened (1 mm2, 1,5 mm2 and 2,5 mm2, number of cores from 2 to 40); • 0,6/1 kV screened or unscreened, (1,5 mm2 to 50 mm2, 2, 3 and 4 cores). All cables have class 5 tinned copper conductors to EN 60228, halogen-free insulation and halogen-free 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 conductor temperature not exceeding 90 °C and a maximum temperature for short circuit conditions of 200 °C based on a duration of 5 s. Under fire conditions the cables exhibit special performance characteristics in respect of maximum permissible flame propagation (flame spread) and maximum permissible emission of smoke and toxic gases. EN 50264-3-2 should be read in conjunction with Part 1 “General requirements”.

Keel en

EVS-EN 60034-3:2008

Hind 180,00

Identne EN 60034-3:2008

ja identne IEC 60034-3:2008

Rotating electrical machines -- Part 3: Specific requirements for synchronous generators driven by steam turbines or combustion gas turbines

This part of IEC 60034 applies to three-phase synchronous generators, having rated outputs of 10 MVA and above driven by steam turbines or combustion gas turbines. It supplements the basic requirements for rotating machines given in IEC 60034-1. Common requirements are prescribed together with specific requirements for air, for hydrogen or for liquid cooled synchronous generators. This part of IEC 60034 also gives the precautions to be taken when using hydrogen cooled generators including: – rotating exciters driven by synchronous generators; – auxiliary equipment needed for operating the generators; – parts of the building where hydrogen might accumulate.

Keel en

Asendab EVS-EN 60034-3:2005

EVS-EN 60034-29:2008

Hind 180,00

Identne EN 60034-29:2008

ja identne IEC 60034-29:2008

Rotating electrical machines - Equivalent loading and super-position techniques - Indirect testing to determine temperature rise

This International Standard applies to machines covered by IEC 60034-1 when they cannot be loaded to a specific condition (rated or otherwise). It is applicable to both motors and generators.

Keel en

Asendab EVS-EN 61986:2003

EVS-EN 60076-6:2008

Hind 324,00

Identne EN 60076-6:2008

ja identne IEC 60076-6:2007

Power transformers -- Part 6: Reactors

This part of IEC 60076 applies to the following types of reactors: • shunt reactors; • series reactors including current-limiting reactors, neutral-earthing reactors, power flow control reactors, motor starting reactors, arc-furnace series reactors; • filter (tuning) reactors; • capacitor damping reactors; • capacitor discharge reactors; • earthing transformers (neutral couplers); • arc-suppression reactors; • smoothing reactors for HVDC and industrial application; with the exception of the following reactors: • reactors with a rating less than 1 kvar single-phase and 5 kvar three-phase; • reactors for special purposes such as high-frequency line traps or reactors mounted on rolling stock. Where IEC standards do not exist for small or special reactors, this part of IEC 60076 may be applicable as a whole or in part.

Keel en

Asendab EVS-EN 60289:2003

EVS-EN 60404-2:2002/A1:2008

Hind 95,00

Identne EN 60404-2:1998/A1:2008

ja identne IEC 60404-2:1996/A1:2008

Magnetic materials -- Part 2: Methods of measurement of the magnetic properties of electrical steel sheet and strip by means of an Epstein frame

This part of IEC 404 is applicable to grain oriented and non-oriented electrical sheet and strip for a.c. measurements of magnetic properties at frequencies up to 400 Hz and for d.c. magnetic measurements. The object of this part is to define the general principles and the technical details of the measurement of the magnetic properties of electrical sheet and strip by means of an Epstein frame. The Epstein frame is applicable to test specimens obtained from electrical sheets and strips of any grade.

Keel en

EVS-EN 60432-3:2003/A2:2008

Hind 95,00

Identne EN 60432-3:2003/A2:2008

ja identne IEC 60432-3:2002/A2:2008

Hõõglambid. Ohutusnõuded. Osa 3: Halogeenhõõglambid (mitte sõidukilambid)

Specifies the safety requirements for single-capped and double-capped tungsten halogen lamps, having rated voltages of up to 250 V, used for the following applications: · Projection (including cinematograph and still projection) · Photographic (including studio) · Floodlighting · Special purpose · General purpose · Stage lighting

Keel en

EVS-EN 60743:2002/A1:2008

Hind 104,00

Identne EN 60743:2001/A1:2008

ja identne IEC 60743:2001/A1:2008

Pingealune töö. Tööriistade, seadmestike ja seadmete terminoloogia

Applies to terminology for tools and equipment used in live working. This standard is not intended to be a dictionary giving detailed definitions of all the terms used in live working, but only the necessary details, without indications of their components and their methods of use, to permit identification of the tools and equipment and to standardize their names.

Keel en

EVS-EN 61175:2008

Hind 221,00

Identne EN 61175:2005

ja identne IEC 61175:2005

Industrial systems, installations and equipment and industrial products - Designation of signals

This International Standard provides rules for the composition of designations and names for the identification of signals and signal connections. This includes the designation of power supply circuits. The standard is applicable to all types of signals within an industrial system, installation and equipment. The standard is not applicable for the identification of wiring, terminals and other hardware for connections. The standard does not establish rules for • the graphical/physical representation of a signal on devices, nor • the graphical representation of signals in documentation.

Keel en

EVS-EN 61197:2008

Hind 113,00

Identne EN 61197:1994

ja identne IEC 61197:1993

Insulating liquids - Linear flame propagation - Test method using a glass-fibre tape

This standard describes a method for measurement of linear flame propagation along aglass-fibre tape impregnated with the insulating liquid to be tested.This test method is applicable to all insulating liquids, us ed and unused, with kinematicviscosity lower than or equal to 300 mm2/s at 40 °C.Insulating liquids of higher viscosity may also be tested but should be heated beforeimpregnation of the glass-fibre tape (see 6.2.3, note 1).

Keel en

EVS-EN 61229:2008/A2:2008

Hind 73,00

Identne EN 61229:1995/A2:2002

ja identne IEC 61229:1993/A2:2002

Rigid protective covers for live working on a.c. Installations

International Standard IEC 61229 is applicable to rigid insulating covers for live working ona.c. installations, including those described in IEC 60743.The barriers, having dielectric withstand which depends on the positioning clearance, areexcluded from this standard.

Keel en

EVS-EN 61229:2008/A1:2008

Hind 62,00

Identne EN 61229:1995/A1:1998

ja identne IEC 61229:1993/A1:1998

Rigid protective covers for live working on a.c. Installations

International Standard IEC 61229 is applicable to rigid insulating covers for live working ona.c. installations, including those described in IEC 60743.The barriers, having dielectric withstand which depends on the positioning clearance, areexcluded from this standard.

Keel en

EVS-EN 61232:2008

Hind 151,00

Identne EN 61232:1995

ja identne IEC 61232:1993

Aluminium-clad steel wires for electrical purposes

This International Standard applies to bare, hard-drawn, round, aluminium-clad steel wiresof different electrical and mechanical properties, in the diameter ranges shown in table 5,for electrical purposes, before stranding.It is intended to cover applications, for reinforcement in aluminium conductors and for allaluminium-clad steel stranded conductors.It does not cover the wires for redrawing purposes.

Keel en

EVS-EN 61232:2008/A11:2008

Hind 62,00

Identne EN 61232:1995/A11:2000

Aluminium-clad steel wires for electrical purposes

This International Standard applies to bare, hard-drawn, round, aluminium-clad steel wiresof different electrical and mechanical properties, in the diameter ranges shown in table 5,for electrical purposes, before stranding.It is intended to cover applications, for reinforcement in aluminium conductors and for allaluminium-clad steel stranded conductors.It does not cover the wires for redrawing purposes.

Keel en

EVS-EN 61243-2:2002/A1:2008

Hind 84,00

Identne EN 61243-2:1997/A1:2000

ja identne IEC 61243-2:1995/A1:1999

Live working - Voltage detectors - Part 2: Resistive type to be used for voltages of 1 kV to 36 kV a.c.

This part of IEC 61243 is applicable to portable voltage detectors with or without a built-in power source to be used on electrical systems for voltages of 1 kV to 36 kV a.c., and frequencies from 15 Hz to 60 Hz.

Keel en

EVS-EN 61733-1:2008

Hind 151,00

Identne EN 61733-1:1996

ja identne IEC 61733-1:1995

Measuring relays and protection equipment - Protection communication interfacing -- Part 1: General

This part IEC 1733 applies to standardisation of protection communication interfacing for digital protection equipment and related control and monitoring devices to be used in the same electrical installation.

Keel en

EVS-EN 62262:2008

Hind 95,00

Identne EN 62262:2002

ja identne IEC 62262:2002

Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)

Refers to the classification of the degrees of protection provided by enclosures against external mechanical impacts when the rated voltage of the protected equipment is not greater than 72,5 kV. This standard is only applicable to enclosures of equipment where the specific standard establishes degrees of protection of the enclosure against mechanical impacts (expressed in this standard as impacts).

Keel en

Asendab EVS-EN 50102:2006

EVS-EN 88528-11:2008

Hind 233,00

Identne EN 88528-11:2004

ja identne IEC 88528-11:2004

Reciprocating internal combustion engine driven alternating current generating sets -- Part 11: Rotary uninterruptible power systems - Performance requirements and test methods

This International Standard, which forms part of the ISO 8528 series, specifies criteria, including performance and test methods, for rotary uninterruptible power systems (UPS) arising out of a combination of mechanical and electrical rotating machines. This standard applies to power supplies primarily designed for supplying uninterrupted a.c. power to the consumer. When operated without input mains feed, the power is provided by stored energy and/or reciprocating internal combustion (RIC) engine and the output power is provided by one or more rotating electrical machines. This part 11 applies to a.c. power supplies primarily designed for supplying uninterruptible electrical power for stationary land and marine use, excluding supplies for aircraft, land vehicles or locomotives. It also excludes power supplies where the output power is generated by static converters. (See IEC 62040-3.)

Keel en

EVS-HD 384.5.537 S2:2008

Hind 162,00

Identne HD 384.5.537 S2:1998

ja identne IEC 60364-5-537:198+A1:1989

Electrical installations of buildings -- Part 5: Selection and erection of electrical equipment -- Chapter 53: Switchgear and controlgear - Section 537: Devices for isolation and switching

Deals with devices for isolation, devices for switching-off for mechanical maintenance, devices for emergency switching and functional switching devices.

Keel en

EVS-HD 605 S2:2008

Hind 305,00

Identne HD 605 S2:2008

Elektrikaablid. Lisakatsetusmeetodid

This HD collates and specifies the test methods to be used for testing polymeric insulated and sheathed electric cables, of rated voltage up to and including 20,8/36 kV, intended for public distribution systems, and for use in power generating plants and sub-stations. Test methods in this HD are additional to those already harmonised, e.g. EN 60332-1 series and EN 60811 series, and are used for testing cable types specified in HD 603, HD 604, HD 620, HD 622, HD 626 and HD 627. In each case, these HDs give complementary information needed for the practical application to each specific type. Therefore the present HD as such is not sufficient for carrying out and evaluating the tests on electric cables. Full test conditions (e.g. temperatures, durations) and/or test requirements are not specified in this HD. Such data needed to carry out the tests is given in the particular sections.

Keel en

Asendab EVS-HD 605 S1:2001; EVS-HD 605 S1:2001/A2:2002; EVS-HD 605 S1:2001/A3:2002; EVS-HD 605 S1:2001/A4:2004

EVS-HD 620 S1:2002/A1:2008

Hind 548,00

Identne HD 620 S1:1996/A1:2001

Distribution cables with extruded insulation for rated voltages from 3,6/6 (7,2) kV to 20,8/36 (42) kV

HD 620 applies to cables with extruded instulation and for rated voltages Uo/U(Um) from 3.6/6 (7.2) kV up to 20.8/36(42) kV used in power distribution systems of voltages not exceeding the maximum rms value of the system voltage Um. This Part (Part 1) specifies the general requirements applicable to these cables, unless otherwise specified in the particular sections of this HD

Keel en

EVS-HD 631.3 S1:2008

Hind 84,00

Identne HD 631.3 S1:2008

Electric cables - Accessories - Material characterisation -- Part 3: Fingerprinting for heat shrinkable components for medium voltage applications from 3,6/6 (7,2) kV up to 20,8/36 (42) kV

This Harmonization Document specifies the test methods and requirements for fingerprinting (as defined in 3.12) of heat shrinkable components intended to be used in cable accessories for medium voltage, as defined in HD 629.1 and HD 629.2. Fingerprinting of materials does not have a mandatory link to type testing of accessories. It shall be regarded as a stand-alone test, but may be carried out in combination with the accessory type tests. Component basic functions can be: conductive, stress control or stress grading, insulating, oil barrier, anti-tracking, external protection and sealing. Components are supplied as single layer items or as multi-layer items.

Keel en

EVS-HD 631.4 S1:2008

Hind 84,00

Identne HD 631.4 S1:2008

Electrical cables - Accessories - Material characterisation -- Part 4: Fingerprinting for cold shrinkable components for low and medium voltage applications up to 20,8/36(42) kV

This Harmonization Document specifies the test methods and requirements for fingerprinting (as defined in 3.11) of cold shrinkable components intended to be used in cable accessories for low and medium voltage, as defined in EN 50393, HD 629.1 and HD 629.2. Fingerprinting of materials does not have a mandatory link to type testing of accessories. It shall be regarded as a stand-alone test, but may be carried out in combination with the accessory type tests. Component basic functions can be: conductive, stress control or stress grading, insulating, oil barrier, anti tracking, external protection and sealing. Components are supplied as single layer items or as multi-layer items. Components are generally supplied pre-expanded or with a system allowing expansion prior to installation.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 50102:2006

Identne EN 50102:1995+A1:1998+Corr:2002

Elektriseadmete ümbristega tagatavad kaitseastmed väliste mehaaniliste löökide eest (IK-kood)

Standard käsitleb ümbristega väliste mehaaniliste löökide eest tagatavate kaitseastmete liigitust, kui kaitstavate seadmete nimipinge ei ole suurem kui 72,5 kV. Käesolev standard on rakendatav vaid selliste seadmete ümbristele, mille eristandard näeb ette ümbrise kaitseastmed mehaaniliste löökide eest.Standardi eesmärk on anda:a) elektriseadmete ümbriste poolt tagatavate kaitseastme määratlused vastavalt ümbrise sees olevate seadmete kaitstusele mehaaniliste löökide kahjuliku toime eest,b) kaitseastmete tähised,c) igale kaitseastmele esitatavad nõuded,d) katsetused, mis tuleb sooritada, et tõestada ümbrise vastavust käesoleva standardi nõuetele.

Keel et

Asendatud EVS-EN 62262:2008

EVS-EN 50264-2:2003

Identne EN 50264-2:2002

Railway applicactions - Railway rolling stock cables having special fire performance - Standard wall - Part 2: Single core cables

Part 2 of EN 50264 specifies requirements for, and constructions and dimensions of, single core cables of the following types and voltage ratings: 0,6/1 kV unscreened, unsheathed (1 mm2 to 400 mm2), 1,8/3 kV unscreened, unsheathed (1,5 mm2 to 400 mm2), 1,8/3 kV unscreened sheathed (1,5 mm2 to 400 mm2), 3,6/6 kV unscreened, sheathed (2,5 mm2 to 400 mm2). All cables have class 5 tinned copper conductors to HD 383, halogen-free insulation and where applicable halogen-free sheath.

Keel en

Asendatud EVS-EN 50264-2-1:2008

EVS-EN 50264-1:2003

Identne EN 50264-1:2002

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

Part 1 of EN 50264 specifies the general requirements applicable to the cables given in part 2 and part 3 of EN 50264. It includes the detailed requirements for the insulating and sheathing materials and other components called up in the separate parts. In particular EN 50264-1 specifies those requirements relating to fire safety which enable the cables to satisfy Hazard Levels 2, 3 and 4 of EN 45545-1.*

Keel en

Asendatud EVS-EN 50264-1:2008

EVS-EN 50264-3:2003

Identne EN 50264-3:2002

Railway applicactions - Railway rolling stock cables having special fire performance - Standard wall - Part : Multicore cables

Part 3 of EN 50264 specifies requirements for, and constructions and dimensions of, multicore cables of the following types and voltage ratings: - 300 V/500 V Screened or unscreened (1 mm 2 , 1,5 mm 2 and 2,5 mm 2 , number of cores from 2 to 40) - 0,6 kV/1 kV Screened or unscreened, (1 mm 2 to 50 mm 2 , 2, 3 and 4 core)

Keel en

Asendatud EVS-EN 50264-2-2:2008

EVS-EN 60034-3:2005

Identne EN 60034-3:2005

ja identne IEC 60034-3:2005

Rotating electrical machines Part 3: Specific requirements for cylindrical rotor synchronous machines

Gives common requirements for all cylindrical rotor machines as well as specific requirements for air, for hydrogen or for liquid cooled cylindrical rotor synchronous machines. Gives also the precautions to be taken when using hydrogen cooled machines.

Keel en

Asendab EVS-EN 60034-3:2003

Asendatud EVS-EN 60034-3:2008

EVS-EN 60289:2003

Identne EN 60289:1994+A11:2002

ja identne IEC 60289:1988

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.

Keel en

Asendatud EVS-EN 60076-6:2008

EVS-EN 61986:2003

Identne EN 61986:2002

ja identne IEC 61986:2002

Rotating electrical machines - Equivalent loading and super-position 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 ds 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.

Keel en

Asendatud EVS-EN 60034-29:2008

EVS-HD 605 S1:2001

Identne HD 605 S1:1994 + A1:1996

Elektrikaablid. Lisakatsetusmeetodid

This HD collates and specifies the test methods to be used for testing polymeric insulated and sheathed electic cables, of rated voltage up to and including 0,6/1kV, intended for public distribution systems, and for use in power generating plants and sub-stations. Test methods in this HD are additional to those already harmonised, e.g. HD 405 and HD 505, and are used for testing cable types specified in HD 603 and 604. In each case specific, these HDs give complementary information needed for the pratical application to each specific type.

Keel en

Asendatud EVS-HD 605 S2:2008

EVS-HD 605 S1:2001/A2:2002

Identne HD 605 S1:1994/A2:2001

Elektrikaablid. Lisakatsetusmeetodid

This HD collates and specifies the test methods to be used for testing polymeric insulated and sheathed electic cables, of rated voltage up to and including 0,6/1kV, intended for public distribution systems, and for use in power generating plants and sub-stations. Test methods in this HD are additional to those already harmonised, e.g. HD 405 and HD 505, and are used for testing cable types specified in HD 603 and 604. In each case specific, these HDs give complementary information needed for the pratical application to each specific type.

Keel en

Asendatud EVS-HD 605 S2:2008

EVS-HD 605 S1:2001/A3:2002

Identne HD 605 S1:1994/A3:2002

Elektrikaablid. Lisakatsetusmeetodid

This HD collates and specifies the test methods to be used for testing polymeric insulated and sheathed electic cables, of rated voltage up to and including 0,6/1kV, intended for public distribution systems, and for use in power generating plants and sub-stations. Test methods in this HD are additional to those already harmonised, e.g. HD 405 and HD 505, and are used for testing cable types specified in HD 603 and 604. In each case specific, these HDs give complementary information needed for the pratical application to each specific type.

Keel en

Asendatud EVS-HD 605 S2:2008

EVS-HD 605 S1:2001/A4:2004

Identne HD 605 S1:1994/A4:2004

Elektrikaablid. Lisakatsetusmeetodid

This HD collates and specifies the test methods to be used for testing polymeric insulated and sheathed electic cables, of rated voltage up to and including 0,6/1kV, intended for public distribution systems, and for use in power generating plants and sub-stations. Test methods in this HD are additional to those already harmonised, e.g. HD 405 and HD 505, and are used for testing cable types specified in HD 603 and 604. In each case specific, these HDs give complementary information needed for the pratical application to each specific type.

Keel en

Asendatud EVS-HD 605 S1:2001

KAVANDITE ARVAMUSKÜSITLUS

CLC/FprTR 50083-10-1

Identne CLC/FprTR 50083-10-1:2008

Tähtaeg 30.10.2008

Cable networks for television signals, sound signals and interactive services - Part 10-1: Guidelines for the implementation of return paths in cable networks

Standards of the EN 50083 and EN 60728 series deal with cable networks including equipment and associated methods of measurement for headend reception, processing and distribution of television signals, sound signals and their associated data signals and for processing, interfacing and transmitting all kinds of signals for interactive services using all applicable transmission media. This includes • CATV1)-networks; • MATV-networks and SMATV-networks; • individual receiving networks; and all kinds of equipment, systems and installations installed in such networks. The extent of this standardization work is from the antennas and/or special signal source inputs to the headend or other interface points to the network up to the terminal input. The standardization of any user terminals (i.e., tuners, receivers, decoders, multimedia terminals, etc.) as well as of any coaxial, balanced and optical cables and accessories thereof is excluded.

Keel en

EN 50083-8:2007/FprA11

Identne EN 50083-8:2002/FprA11:2008

Tähtaeg 30.10.2008

Televisiooni-, heli- ja interaktiivse multimeedia signaalide kaabeljaotussüsteemid. Osa 8: Võrkude elektrimagnetiline ühilduvus

EN 50083 seeria standardid käsitlevad kaabelvõrke, milledes edastatakse televisioonilevisignaale, raadiolevisignaale ja interaktiivseid teenuseid ning muuhulgas ka seadmeid, süsteeme ning nende paigaldust - televisiooni- ja raadiolevisignaalide ning nendega seotud andmesignaalide vastuvõtuks, töötlemiseks ja jaotamiseks peajaamas ning - mistahes interaktiivsete teenuste signaalide töötlemiseks ja liidestamiseks ning edastamiseks mistahes võimalikus edastusmeediumis. Kõik võrgud, nagu: - kaabellevivõrgud (CATV), - MATV ja SMATV-võrgud, - individuaalvastuvõtusüsteemid ja ka kõik muud seadmed, süsteemid ja paigaldised, mis on paigaldatud eeltoodud võrkudesse, kuuluvad käsitlusalasse. Standardi reguleerimisala on alates peajaama antennidest, spetsiaalsetest signaaliallikatest või muudest võrgu sisendpunktidest kuni süsteemi väljundini või lõpppunktini, kui süsteemi väljund puudub. Lõppkasutaja lõppseadmetele (näiteks tüünerid, vastuvõtjad, dekooderid, multimeedia lõppseadmed jne) samuti koaksiaal- ja optilistele kaablitele ning tarvikutele käesolev standard seega ei kohaldu.

Keel en

EN 60061-4:2001/FprA12

Identne EN 60061-4:1992/FprA12:2008

ja identne IEC 60061-4:1990/A12:200X

Tähtaeg 29.09.2008

Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliks. Osa 4: Juhised ja üldinformatsioon

Contains a designation system in loose-leaf form, a guide to a selection of caps and general information regarding gauges.

Keel en

EN 61347-2-10:2002/FprA1

Identne EN 61347-2-10:2001/FprA1:2008

ja identne IEC 61347-2-10:2000/A1:200X

Tähtaeg 30.10.2008

Lampide juhtimisseadised. Osa 2-10: Erinõuded elektronvahelditele ja -muunduritele torukujuliste külmsüüte-lahenduslampide (neoonlampide) kõrgsagedustalitluseks

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

Keel en

FprEN 61008-1

Identne FprEN 61008-1:2008

ja identne IEC 61008-1:200X

Tähtaeg 30.10.2008

Rikkevoolukaitselülitid ilma sisseehitatud liigvoolukaitseta, kasutamiseks majapidamises ja muudel taolistel juhtudel. Osa 1: Üldreeglid

This International Standard applies to residual current operated circuit-breakers functionally independent of, or functionally dependent on, line voltage, for household and similar uses, not incorporating overcurrent protection (hereafter referred to as RCCBs), for rated voltages not exceeding 440 V a.c. with rated frequencies of 50 Hz, 60 Hz or 50 / 60 Hz and rated currents not exceeding 125 A, intended principally for protection against shock-hazard.

Keel en

Asendab EVS-EN 61008-1:2004

FprEN 61009-1

Identne FprEN 61009-1:2008

ja identne IEC 61009-1:200X

Tähtaeg 30.10.2008

Rikkevoolukaitselülitid sisseehitatud liigvoolukaitsega, kasutamiseks majapidamises ja muudel taolistel juhtudel. Osa 1: Üldreeglid

This International Standard applies to residual current operated circuit-breakers with integral overcurrent protection functionally independent of, or functionally dependent on, line voltage for household and similar uses (hereafter referred to as RCBOs), for rated voltages not exceeding 440 V a.c. with rated frequencies of 50 Hz, 60 Hz or 50 / 60 Hz and rated currents not exceeding 125 A and rated short-circuit capacities not exceeding 25 000 A for operation at 50 Hz or 60 Hz.

Keel en

Asendab EVS-EN 61009-1:2004

FprEN 61512-4

Identne FprEN 61512-4:2008

ja identne IEC 61512-4:200X

Tähtaeg 30.10.2008

Batch control - Part 4: Batch production records

This Part 4 standard defines a reference model for batch production records containing information about production of batches or elements of batch production. This standard is intended for batch processes.

Keel en

31 ELEKTROONIKA

UUED STANDARDID

EVS-EN 60512-15-1:2008

Hind 84,00

Identne EN 60512-15-1:2008

ja identne IEC 60512-15-1:2008

Connectors for electronic equipment - Tests and measurements -- Part 15-1: Connector tests (mechanical) - Test 15a: Contact retention in insert

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. This test may also be used for similar devices when specified in a detail specification. The object of this document is to detail a standard test method to assess the effectiveness of the contact retaining system to withstand axial loads likely to be encountered during normal use. The contact retaining system may retain the contact in an insert or directly into a housing.

Keel en

EVS-EN 60512-15-2:2008

Hind 95,00

Identne EN 60512-15-2:2008

ja identne IEC 60512-15-2:2008

Connectors for electronic equipment - Tests and measurements -- Part 15-2: Connector tests (mechanical) - Test 15b: Insert retention in housing (axial)

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this document is to detail a standard test method to assess the effectiveness of the insert retaining system to withstand axial loads likely to be encountered during normal use.

Keel en

EVS-EN 60512-15-3:2008

Hind 95,00

Identne EN 60512-15-3:2008

ja identne IEC 60512-15-3:2008

Connectors for electronic equipment - Tests and measurements -- Part 15-3: Connector tests (mechanical) - Test 15c: Insert retention in housing (torsional)

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this document is to detail a standard test method to assess the effectiveness of the insert retaining system to withstand torsional stresses likely to be encountered during normal use.

Keel en

EVS-EN 60512-15-4:2008

Hind 95,00

Identne EN 60512-15-4:2008

ja identne IEC 60512-15-4:2008

Connectors for electronic equipment - Tests and measurements -- Part 15-4: Connector tests (mechanical) - Test 15d: Contact insertion, release and extraction force

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this document is to detail a standard test method to determine the forces required to insert contact into, and extract them from, their normal position in the intended connector.

Keel en

EVS-EN 60512-15-5:2008

Hind 95,00

Identne EN 60512-15-5:2008

ja identne IEC 60512-15-5:2008

Connectors for electronic equipment - Tests and measurements -- Part 15-5: Connector tests (mechanical) - Test 15e: Contact retention in insert, cable nutation

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this document is to detail a standard test method to verify the capability of the contact retention system to withstand dynamic mechanical loading of the contacts that tends to dislodge them.

Keel en

EVS-EN 60512-15-6:2008

Hind 84,00

Identne EN 60512-15-6:2008

ja identne IEC 60512-15-6:2008

Connectors for electronic equipment - Tests and measurements -- Part 15-6: Connector tests (mechanical) - Test 15f: Effectiveness of connector coupling devices

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this document is to detail a standard test method to assess the effectiveness of the coupling device to maintain engagement of mated connectors fitted with coupling and / or retaining devices when subject to specified forces applied to the cable/wire bundle or harness or applied directly to the connector body if so specified in a detail specification.

Keel en

EVS-EN 60512-15-7:2008

Hind 84,00

Identne EN 60512-15-7:2006

ja identne IEC 60512-15-7:2008

Connectors for electronic equipment - Tests and measurements -- Part 15-7: Connector tests (mechanical) - Test 15g: Robustness of protective cover attachment

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this document is to detail a standard test method to assess the ability of a connector cover and its attachment to withstand mechanical stresses.

Keel en

EVS-EN 60512-16-1:2008

Hind 95,00

Identne EN 60512-16-1:2008

ja identne IEC 60512-16-1:2008

Connectors for electronic equipment - Tests and measurements - Part 16-1: Mechanical tests on contacts and terminations - Test 16a: Probe damage

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this part of IEC 60512 is to detail a standard test method to assess the effectiveness of the elastic system of contacts to resist damage from the insertion of a specified test probe. Although this test is intended for cylindrical contacts, the use for contacts with other geometries is not excluded. In which case, the detail specification should contain sufficient detail, given under the Clause 5 f), to enable the test to be done.

Keel en

EVS-EN 60512-16-2:2008

Hind 84,00

Identne EN 60512-16-2:2008

ja identne IEC 60512-16-2:2008

Connectors for electronic equipment - Tests and measurements - Part 16-2: Mechanical tests on contacts and terminations - Test 16b: Restricted entry

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this part of IEC 60512 is to detail a standard test method to assess the effectiveness of the means by which an oversize male contact, or other similar object, is prevented from entering the equivalent female contact.

Keel en

EVS-EN 60512-16-4:2008

Hind 95,00

Identne EN 60512-16-4:2008

ja identne IEC 60512-16-4:2008

Connectors for electronic equipment - Tests and measurements - Part 16-4: Mechanical tests on contacts and terminations - Test 16d: Tensile strength (crimped connections)

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this part of IEC 60512 is to detail a standard test method to determine the tensile strength of a crimped connection.

Keel en

EVS-EN 60512-16-8:2008

Hind 95,00

Identne EN 60512-16-8:2008

ja identne IEC 60512-16-8:2008

Connectors for electronic equipment - Tests and measurements -- Part 16-8: Mechanical tests on connections and terminations - Test 16h: Insulating grip effectiveness (crimped connections)

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this part of IEC 60512 is to detail a standard test method to assess the effectiveness of an insulation grip to hold the insulation of a cable/wire under specified conditions.

Keel en

EVS-EN 60512-16-9:2008

Hind 84,00

Identne EN 60512-16-9:2008

ja identne IEC 60512-16-9:2008

Connectors for electronic equipment - Tests and measurements -- Part 16-9: Mechanical tests on contacts and terminations - Test 16i: Grounding contact spring holding force

This part of IEC 60512, when required by the detail specification, is used for testing electomechanical components within the scope of technical committee 48. This test may also be used for similar devices when specified in a detail specification. The object of this part of IEC 60512 is to detail a standard test method to determine the holding capacity of grounding contact springs by means of gauges.

Keel en

EVS-EN 60512-16-11:2008

Hind 95,00

Identne EN 60512-16-11:2008

ja identne IEC 60512-16-11:2008

Connectors for electronic equipment - Tests and measurements - Part 16-11:Mechanical tests on contacts and terminations - Test 16k: Stripping force,solderless wrapped connections

This part of IEC 60512, when required by the detail specification, is used for testing electomechanical components within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this part of IEC 60512 is to detail a standard test method to determine ability of a component to resist forces that might strip a wrapped connection from its post along the axis of the post. Such wrapped connections are described in IEC 60352-1.

Keel en

EVS-EN 60512-16-13:2008

Hind 84,00

Identne EN 60512-16-13:2008

ja identne IEC 60512-16-13:2008

Connectors for electronic equipment - Tests and measurements - Part 16-13: Mechanical tests on contacts and terminations - Test 16m: Un-wrapping, solderless wrapped connections

This part of IEC 60512, when required by the detail specification, is used for testing electromechanical components within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this part of IEC 60512 is to detail a standard test method to determine if a wrapped connection has been made without damaging the wrapping wire. Such wrapped connections are described in IEC 60352-1.

Keel en

EVS-EN 60512-16-18:2008

Hind 95,00

Identne EN 60512-16-18:2008

ja identne IEC 60512-16-18:2008

Connectors for electronic equipment - Tests and measurements -- Part 16-18: Mechanical tests on contacts and terminations - Test 16r: Deflection of contacts, simulation

This part of IEC 60512, when required by the detail specification, is used for testing electomechanical components within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this part of IEC 60512 is to detail a standard test method to measure the deflection of a simulated contact in its cavity or housing. Although this test method is intended for cylindrical male contacts, and is particularly applicable to those where the contacts fit into an insert, which may have some elasticity, its use for contacts with other geometries and housing details, is not excluded. In which case, the detail specification should contain sufficient detail, given under Clause 5, to enable the test to be done.

Keel en

EVS-EN 169000:2008

Hind 268,00

Identne EN 169000:1992

Generic Specification: Quartz crystal controlled oscillators

This document specifies the methods of test and general requirements for quartz crystal controlled oscillators of assessed quality using either capibility approval or qualification approval procedures

Keel en

EVS-EN ISO 11145:2008

Hind 190,00

Identne EN ISO 11145:2008

ja identne ISO 11145:2006

Optika ja optikamõõteriistad. Laserid ja laseriga seonduvad seadmed. Sõnastik ja sümbolid

This International Standard defines basic terms,symbols and units of measurement for the field oflaser technology in order to unify the terminology and to arrive at clear definitions and reproducible testsof beam parameters and laser-oriented productproperties.

Keel en

Asendab EVS-EN ISO 11145:2006

EVS-EN ISO 11252:2008

Hind 113,00

Identne EN ISO 11252:2008

ja identne ISO 11252:2004

Laserid ja laseriga seonduv seadmestik. Laserseadmed. Dokumentatsiooni miinimumnõuded

This International Standard specifies the minimum documentation and information for marking and labelling, to be provided with laser devices (including laser diodes). The documentation is presented on two levels: as a technical data sheet (Clause 5) and as an instruction manual (Clause 6). This International Standard does not apply to laser products which incorporate laser devices. It also does not apply to laser devices manufactured before the date of publication of this document.

Keel en

Asendab EVS-EN ISO 11252:2005

EVS-EN ISO 11554:2008

Hind 151,00

Identne EN ISO 11554:2008

ja identne ISO 11554:2006

Optika ja optilised mõõteriistad. Laser ja laseriga seonduvad seadmed. Katsemeetodid laserikiire võimsuse, energia ja ajutiste parameetrite määramiseks

This International Standard specifies test methods for determining the power and energy of continuous-wave and pulsed laser beams, as well as their temporal characteristics of pulse shape, pulse duration and pulse repetition rate. Test and evaluation methods are also given for the power stability of cw-lasers, energy stability of pulsed lasers and pulse duration stability. The test methods given in this International Standard are used for the testing and characterization of lasers.

Keel en

Asendab EVS-EN ISO 11554:2006

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN ISO 11145:2006

Identne EN ISO 11145:2006

ja identne ISO 11145:2006

Optika ja optikamõõteriistad. Laserid ja laseriga seonduvad seadmed. Sõnastik ja sümbolid

See rahvusvaheline standard määratleb lasertehnoloogia valdkonnas põhiterminid, sümbolid ja mõõtühikud, et ühtlustada terminoloogiat ja saavutada selged määratlused ja laserikiire parameetrite korduvkatsed ning lasertehnoloogia alusel valmistatud toodangu reprodutseeritavad omadused.

Keel en

Asendab EVS-EN ISO 11145:2002

Asendatud EVS-EN ISO 11145:2008

EVS-EN ISO 11252:2005

Identne EN ISO 11252:2004

ja identne ISO 11252:2004

Laserid ja laseriga seonduv seadmestik. Laserseadmed. Dokumentatsiooni miinimumnõuded

This International Standard specifies the minimum documentation and information for marking and labelling, to be provided with laser devices (including laser diodes). The documentation is presented on two levels: as a technical data sheet (Clause 5) and as an instruction manual (Clause 6). This International Standard does not apply to laser products which incorporate laser devices. It also does not apply to laser devices manufactured before the date of publication of this document.

Keel en

Asendab EVS-EN 31252:1999

Asendatud EVS-EN ISO 11252:2008

EVS-EN ISO 11554:2006

Identne EN ISO 11554:2005

ja identne ISO 11554:2005

Optika ja optilised mõõteriistad. Laser ja laseriga seonduvad seadmed. Katsemeetodid laserikiire võimsuse, energia ja ajutiste parameetrite määramiseks

See rahvusvaheline standard määrab kindlaks meetodi pidev- ja impulsslaserite kiirte võimsuse ja energia, samuti nende impulsi kuju, kestuse ja impulsi kordumise kiiruse ajutiste parameetrite määramiseks.

Keel en

Asendab EVS-EN ISO 11554:1999

Asendatud EVS-EN ISO 11554:2006

33 SIDETEHNIKA

UUED STANDARDID

EVS-EN 50290-4-2:2008

Hind 180,00

Identne EN 50290-4-2:2008

Communication cables -- Part 4-2: General considerations for the use of cables - Guide to use

The scope of this European Standard is to help installers and cabling designers to understand the range of communication metallic cables available. To help this choice the fundamental and practical rules on how to use these cables are established. The related cables are specified in the documents issued by CLC/TC 46X and its sub-committees. These cables are: - telecom cables used in access network, - data communication twisted pairs cables, - coaxial cables used in CATV.

Keel en

EVS-EN 60728-1:2008

Identne EN 60728-1:2008

ja identne IEC 60728-1:2007

Televisiooni- ja raadiolevisignaalide ning multimeedia kaabeljaotussüsteemid. Osa 1: Süsteemi edastusteede jõudlus (kavandatud asendama EN 50083-7)

This part of IEC 60728 is applicable to any cable network (including individual receiving systems) having in the forward path a coaxial cable output and primarily intended for television and sound signals operating between about 30 MHz and 3 000 MHz. This standard specifies the basic methods of measurement of the operational characteristics of cable network having coaxial cable outputs in order to assess the performance of these systems and their performance limits. All requirements refer to the performance limits, which shall be obtained between the input(s) to the headend or headends and any system outlet when terminated in a resistance equal to the nominal load impedance of the system, unless otherwise specified. Where system outlets are not used, the above applies at the subscriber's end of the subscriber's feeder. Also the requirements which are obtained between the input(s) to the headend or headends and any home network interface (HNI) are given.

Keel en

Asendab EVS-EN 50083-7:1999/A1:2005; EVS-EN 50083-7:1999

EVS-EN 60794-2-42:2008

Hind 171,00

Identne EN 60794-2-42:2008

ja identne IEC 60794-2-42:2008

Optical fibre cables -- Part 2-42: Indoor optical fibre cables - Product specification for simplex and duplex cables with A4 fibres

This part of IEC 60794 covers simplex and duplex optical fibre cables containing A4 fibres for indoor use. The requirements of the sectional specification IEC 60794-2 are applicable to cables covered by this standard.

Keel en

EVS-EN 60794-2-50:2008

Hind 190,00

Identne EN 60794-2-50:2008

ja identne IEC 60794-2-50:2008

Optical fibre cables -- Part 2-50: Indoor cables - Family specification for simplex and duplex cables for use in terminated cable assemblies

This part of IEC 60794 is a family specification that covers requirements for simplex and duplex optical fibre cables for use in terminated cable assemblies or for termination with optical fibre passive components.

Keel en

EVS-EN 61169-1:2008/A2:2008

Hind 84,00

Identne EN 61169-1:1994/A2:1997

ja identne IEC 61169-1:1992/A2:1997

Radio-frequency connectors -- Part 1: Generic specification - General requirements and measuring methods

This standard serves as a generic specification providing the basis for the sectional standardswhich apply to individual connector types. It is intended to establish uniform concepts andprocedures concerning:– terminology;– standard ratings and characteristics;– testing and measuring procedures concerning electrical and mechanical properties;– classification of connectors with regard to environmental testing procedures involvingtemperature, humidity and vibration.The test methods and procedures of the standard are intended for acceptance for typeapproval testing. They may also be adopted, by agreement between manufacturer andcustomer, to serve as a basis for acceptance tests.

Keel en

EVS-EN 61169-1:2008

Hind 286,00

Identne EN 61169-1:1994

ja identne IEC 61169-1:1992

Radio-frequency connectors -- Part 1: Generic specification - General requirements and measuring methods

This standard serves as a generic specification providing the basis for the sectional standardswhich apply to individual connector types. It is intended to establish uniform concepts andprocedures concerning:– terminology;– standard ratings and characteristics;– testing and measuring procedures concerning electrical and mechanical properties;– classification of connectors with regard to environmental testing procedures involvingtemperature, humidity and vibration.The test methods and procedures of the standard are intended for acceptance for typeapproval testing. They may also be adopted, by agreement between manufacturer andcustomer, to serve as a basis for acceptance tests.

Keel en

EVS-EN 61169-1:2008/A1:2008

Hind 95,00

Identne EN 61169-1:1994/A1:1996

ja identne IEC 61169-1:1992/A1:1996

Radio-frequency connectors -- Part 1: Generic specification - General requirements and measuring methods

This standard serves as a generic specification providing the basis for the sectional standardswhich apply to individual connector types. It is intended to establish uniform concepts andprocedures concerning:– terminology;– standard ratings and characteristics;– testing and measuring procedures concerning electrical and mechanical properties;– classification of connectors with regard to environmental testing procedures involvingtemperature, humidity and vibration.The test methods and procedures of the standard are intended for acceptance for typeapproval testing. They may also be adopted, by agreement between manufacturer andcustomer, to serve as a basis for acceptance tests.

Keel en

EVS-EN 61326-3-1:2008

Hind 208,00

Identne EN 61326-3-1:2008

ja identne IEC 61326-3-1:2008

Mõõtmis-, juhtimis- ja laboratooriumi-elektriseadmed. Elektromagnetilise ühilduvuse nõuded. Osa 3-1: Häiringukindlusõuded ohutusega seotud süsteemidele ja ohutuse tagamiseks (talitlusohutuseks) ettenähtud seadmetele. Üldtööstuslikud rakendused

The scope of IEC 61326-1 applies to this part of IEC 61326 but is limited to systems and equipment for industrial applications intended to perform safety functions as defined in IEC 61508 with SIL 1-3. The electromagnetic environments encompassed by this product family standard are industrial, both indoor and outdoor, as described for industrial locations in IEC 61000-6-2 or defined in 3.7 of IEC 61326-1. Equipment and systems intended for use in other electromagnetic environments, for example, in the process industry or in environments with potentially explosive atmospheres, are excluded from the scope of this product family standard, IEC 61326-3-1.

Keel en

Asendab EVS-EN 61326:2001/A3:2004; EVS-EN 61326:2001/A2:2002; EVS-EN 61326:2001

EVS-EN 61326-3-2:2008

Hind 199,00

Identne EN 61326-3-2:2008

ja identne IEC 61326-3-2:2008

Mõõtmis-, juhtimis- ja laboratooriumi-elektriseadmed. Elektromagnetilise ühilduvuse nõuded. Osa 3-2: Häiringukindlusõuded ohutusega seotud süsteemidele ja ohutuse tagamiseks (talitlusohutuseks) ettenähtud seadmetele. Tööstuslikud rakendused

The scope of IEC 61326-1 applies to this part of IEC 61326 but is limited to systems and equipment for industrial applications within a specified electromagnetic environment and intended to perform safety functions as defined in IEC 61508 with SIL 1-3. The electromagnetic environments encompassed by this product family standard are industrial, both indoor and outdoor, as they can be found in industrial applications with an electromagnetic environment having specified characteristics (for example, process industry). The difference between the electromagnetic environment covered by this standard compared to the general industrial environment (see IEC 61326-3-1) is due to the mitigation measures employed against electromagnetic phenomena leading to a specified electromagnetic environment.

Keel en

Asendab EVS-EN 61326:2001; EVS-EN 61326:2001/A2:2002; EVS-EN 61326:2001/A3:2004

EVS-EN 61603-8-1:2008

Hind 233,00

Identne EN 61603-8-1:2004

ja identne IEC 61603-8-1:2003

Transmission of audio and/or video and related signals using infrared radiation -- Part 8-1: Digital audio and related signals

This part of IEC 61603 specifies the characteristics and measuring methods for digital audiosignal transmission systems using infrared radiation with sub-carrier of the frequency ranges3 MHz to 6 MHz. It describes systems with different economic uses of the available bandwidthin order to obtain minimum interference and maximum compatibility.

Keel en

Asendab EVS-EN 61603-2:2002/A1:2004; EVS-EN 61603-2:2002

EVS-EN 61754-7:2008

Hind 180,00

Identne EN 61754-7:2008

ja identne IEC 61754-7:2008

Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces -- Part 7: Type MPO connector family

This part of IEC 61754 defines the standard interface dimensions for type MPO family of connectors.

Keel en

Asendab EVS-EN 61754-7:2005

EVS-EN 62105:2008

Hind 151,00

Identne EN 62105:2002

ja identne IEC 62105:1999

Digital audio broadcast system - Specification of the receiver data interface (RDI)

The Eureka 147 digital audio broadcasting system (see ETSI ETS 300 401) is able to transmitdata at rates of up 1,8432 Mbit/s. This data rate occurs if an EEP with a code rate of 0,8 isselected. Audio receivers generally will be capable of decoding one or several MSCSubchannels, but will not contain decoders for all possible data services. Therefore, thesource for the data to be carried on the Receiver Data Interface (RDI) is the output bit streamof the channel decoder of a DAB receiver. Dedicated decoders for data applications,computers, etc., but also devices for audio postprocessing and recording can be connected tothe DAB receiver through this interface.

Keel en

Asendab EVS-EN 50255:2002

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 50255:2002

Identne EN 50255:1997 + Corr:2002

Digital Audio Broadcasting system - Specification of the Receiver Data Interface (RDI)

The Eureka 147 Digital Audio Broadcasting System (1) is able to transmit data rates of up 1.8432 Mbit/s. This data rate occurs in an EEP with a coderate of 0.8 is selected. Audio receivers generally will be capable to decode one or several MCS Subchannels, but will not contain decoders for all possible data services.

Keel en

Asendatud EVS-EN 62105:2008

EVS-EN 60730-1:2001/A15:2007

Identne EN 60730-1:2000/A15:2007

Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 1: Üldnõuded

In general, this standard applies to automatic electrical controls for use in, on, or in association with equipment for household and similar use, including controls for heating, air-conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof. This part 1 is to be used in conjunction with the appropriate part 2 for a particular type of control, or for controls for particular applications. This part 1 may also be applied, so far as reasonable, to controls not mentioned in a part 2, and to controls designed

Keel en

Asendatud EVS-EN 60730-1:2001/A2:2008

EVS-EN 61754-7:2005

Identne EN 61754-7:2005

ja identne IEC 61754-7:2004

Fibre optic connector interfaces - Part 7: Type MPO connector family

Defines the standard interface dimensions for type MPO family of connectors.

Keel en

Asendab EVS-EN 61754-7:2003

Asendatud EVS-EN 61754-7:2008

KAVANDITE ARVAMUSKÜSITLUS

CLC/prTR 50485

Identne CLC/prTR 50485:2008

Tähtaeg 30.10.2008

Electromagnetic compatibility - Emission measurements in fully anechoic chambers

This Technical Report applies to emission measurements of radiated electromagnetic fields in Fully Anechoic Rooms (FAR) in the frequency range from 30 MHz to 18 GHz. This Technical Report covers the frequency range from 30 MHz – 1 000 MHz. The frequency range above 1 GHz is under consideration, due to the absence of practical experience. This Technical Report describes the validation procedure for the Fully Anechoic Room for radiated emission tests and the procedures to carry out the tests (e.g. test set up, EUT position, cable layout and termination, test procedures). Recommendations for the relation between FAR emission limits and common Open Area Test Site (OATS) emission limits given in standards such as EN 55011 and EN 55022 are given in Annex B. This FAR emission method may be chosen by product committees as an alternative method to emission measurement on an Open Area Test Site (OATS) as described in CISPR 16 series. In such cases, the product committee should also define the appropriate limits. Typical measurement uncertainty values for FARs and OATS are given in Annex C.

Keel en

EN 50083-8:2007/FprA11

Identne EN 50083-8:2002/FprA11:2008

Tähtaeg 30.10.2008

Televisiooni-, heli- ja interaktiivse multimeedia signaalide kaabeljaotussüsteemid. Osa 8: Võrkude elektrimagnetiline ühilduvus

EN 50083 seeria standardid käsitlevad kaabelvõrke, milledes edastatakse televisioonilevisignaale, raadiolevisignaale ja interaktiivseid teenuseid ning muuhulgas ka seadmeid, süsteeme ning nende paigaldust - televisiooni- ja raadiolevisignaalide ning nendega seotud andmesignaalide vastuvõtuks, töötlemiseks ja jaotamiseks peajaamas ning - mistahes interaktiivsete teenuste signaalide töötlemiseks ja liidestamiseks ning edastamiseks mistahes võimalikus edastusmeediumis. Kõik võrgud, nagu: - kaabellevivõrgud (CATV), - MATV ja SMATV-võrgud, - individuaalvastuvõtusüsteemid ja ka kõik muud seadmed, süsteemid ja paigaldised, mis on paigaldatud eeltoodud võrkudesse, kuuluvad käsitlusalasse. Standardi reguleerimisala on alates peajaama antennidest, spetsiaalsetest signaaliallikatest või muudest võrgu sisendpunktidest kuni süsteemi väljundini või lõpppunktini, kui süsteemi väljund puudub. Lõppkasutaja lõppseadmetele (näiteks tüünerid, vastuvõtjad, dekooderid, multimeedia lõppseadmed jne) samuti koaksiaal- ja optilistele kaablitele ning tarvikutele käesolev standard seega ei kohaldu.

Keel en

EN 61000-4-16:2002/FprA2

Identne EN 61000-4-16:1998/FprA2:2008

ja identne IEC 61000-4-16:1998/A2:200X

Tähtaeg 30.10.2008

Electromagnetic Compatibility (EMC) - Part 4-16: Testing and measurement techniques - Test for immunity to conducted, common mode disturbances in the frequency range 0 Hz to 150 kHz

This part of IEC 61000 relates to the immunity requirements and the test methods for electrical and electronic equipment to conducted, common mode disturbance in the range DC to 150 kHz. The immunity of the AC power port to harmonics of the mains is dealt within another IEC Publication, and the immunity to mains signalling voltages is under consideration.

Keel en

EN 61970-453

Identne EN 61970-453:2008

ja identne IEC 61970-453:2008

Tähtaeg 29.11.2008

Energy management system application program interface (EMS-API) -- Part 453: CIM based graphics exchange

This part of IEC 61970 is a member of the Part 450 to 499 series that, taken as a whole, defines, at an abstract level, the content and exchange mechanisms used for data transmitted between control center components. Included in this part of IEC 61970 are the general use cases for exchange of graphic schematic display definitions, and guidelines for linking the schematic definitions with CIM data. Guidelines for management of schematic definitions through multiple revisions are also included.

Keel en

FprEN 62134-1

Identne FprEN 62134-1:2008

ja identne IEC 62134-1:200X

Tähtaeg 30.10.2008

Fibre optic interconnecting devices and passive components - Fibre optic closures - Part 1: Generic specification

This standard establishes uniform generic requirements for fibre optic closures.. This standard does not cover test and measurement procedures, which are described in IEC 61300 series.

Keel en

Asendab EVS-EN 62134-1:2003

35 INFOTEHNOLOOGIA. KONTORISEADMED

UUED STANDARDID

CEN ISO/TS 14823:2008

Hind 343,00

Identne CEN ISO/TS 14823:2008

ja identne ISO/TS 14823:2008

Traffic and travel information - Messages via media independent stationary dissemination systems - Graphic data dictionary for pre-trip and in-trip information dissemination systems

This Technical Specification presents a system of standardized codes for existing signs and pictograms used to deliver traffic and traveller information (TTI). The coding system can be used to form messages to be handled by respective media systems, graphic messages on on-board units, and media system information on TTI dissemination systems (VMS, PC, PAT, etc.) (including graphic data). These types of information are required by travellers for their pre-trip planning as well as their in-trip plan modification based on information obtained through media systems. As shown in Figure 1, a system handling graphic messages generally comprises TTI system operators, media systems and communication networks interconnecting these systems. This Technical Specification relates to: - TTI systems operators which include - Traffic Management Centres (TMC), - Traffic Information Centres (TIC), - Parking Information Centres (PIC), - Public Transport Centres (PTC), - Value-Added Service Providers (VASP), and - others; - media systems which include - On-board Units (OBU), - Variable Message Signs (VMS), - Personal Computers (PC), - Public Access Terminals (PAT), and - others.

Keel en

CEN/TR 15762:2008

Hind 95,00

Identne CEN/TR 15762:2008

Road transport and traffic telematics - Electronic fee collection (EFC) - Ensuring the correct function of EFC equipment installed behind metallised windshield

Metallised windscreens are produced by spraying small metal particles on one of the glass or plastic layers of the vehicle’s windscreen. This leads to a windscreen with high thermal qualities, ranging from far-reduced power consumption by air-conditioning equipment to short times for de-icing. The production of certain vehicles in Europe which were equipped with metallised windscreens has created a major problem for the installation and operation of On-Board Units (OBUs) which rely on Dedicated Short-Range Communications (DSRC) for ITS (as the most-widely deployed DSRC ITS application to date, the remainder of this report will refer to Electronic Toll Collection (EFC) but the developed solutions will be valid for all DSRC ITS applications). As is shown in Table 1, windscreen properties have a decisive influence on the transmission of microwave communication and, for metallised windows, it is essential to compensate these losses by special measures (Ref 1).

Keel en

EVS-EN 61733-1:2008

Hind 151,00

Identne EN 61733-1:1996

ja identne IEC 61733-1:1995

Measuring relays and protection equipment - Protection communication interfacing -- Part 1: General

This part IEC 1733 applies to standardisation of protection communication interfacing for digital protection equipment and related control and monitoring devices to be used in the same electrical installation.

Keel en

EVS-EN 61784-1:2008

Hind 402,00

Identne EN 61784-1:2008

ja identne IEC 61784-1:2007

Industrial communication networks - Profiles -- Part 1: Fieldbus profiles

This part of IEC 61784 defines a set of protocol specific communication profiles based primarily on the IEC 61158 series, to be used in the design of devices involved in communications in factory manufacturing and process control. Each profile selects specifications for the communications protocol stack at a device. It contains a minimal set of required services at the Application Layer and specification of options in intermediate layers defined through references. If no Application Layer is included, then a minimal set of required services at the Data-link layer is specified. The appropriate references to the protocol specific types are given in each communication profile family or associated profiles.

Keel en

Asendab EVS-EN 61784-1:2004

EVS-EN 61784-2:2008

Hind 358,00

Identne EN 61784-2:2008

ja identne IEC 61784-2:2007

Industrial communication networks - Profiles -- Part 2: Additional fieldbus profiles for real-time networks based on ISO/IEC 8802-3

This part of IEC 61784 specifies • performance indicators supporting classification schemes for Real-Time Ethernet (RTE) requirements; • profiles and related network components based on ISO/IEC 8802-3, IEC 61158 series, and IEC 61784-1; • RTE solutions that are able to run in parallel with ISO/IEC 8802-3-based applications. These communication profiles are called Real-Time Ethernet communication profiles.

Keel en

EVS-EN 61784-3-1:2008

Hind 246,00

Identne EN 61784-3-1:2008

ja identne IEC 61784-3-1:2007

Industrial communication networks – Profiles – Part 3-1: Functional safety fieldbuses – Additional specifications for CPF 1

This part of the IEC 61784-3 series specifies a safety communication layer (services and protocol) based on CPF 1 of IEC 61784-1 and IEC 61158 Type 1 and 9. It identifies the principles for functional safety communications defined in IEC 61784-3 that are relevant for this safety communication layer. This part1 defines mechanisms for the transmission of safety-relevant messages among participants within a distributed network using fieldbus technology in accordance with the requirements of IEC 61508 series for functional safety. These mechanisms may be used in various industrial applications such as process control, manufacturing automation and machinery. This part provides guidelines for both developers and assessors of compliant devices and systems.

Keel en

EVS-EN 61784-3-2:2008

Hind 377,00

Identne EN 61784-3-2:2008

ja identne IEC 61784-3-2:2007

Industrial communication networks - Profiles - Part 3-2: Functional safety fieldbuses - Additional specifications for CPF 2

This part of the IEC 61784-3 series specifies a safety communication layer (services and protocol) based on CPF 2 of IEC 61784-1, IEC 61784-2 and IEC 61158 Type 2. It identifies the principles for functional safety communications defined in IEC 61784-3 that are relevant for this safety communication layer. This part1 defines mechanisms for the transmission of safety-relevant messages among participants within a distributed network using fieldbus technology in accordance with the requirements of IEC 61508 series for functional safety. These mechanisms may be used in various industrial applications such as process control, manufacturing automation and machinery. This part provides guidelines for both developers and assessors of compliant devices and systems.

Keel en

EVS-EN 61784-3-3:2008

Hind 324,00

Identne EN 61784-3-3:2008

ja identne IEC 61784-3-3:2007

Industrial communication networks - Profiles - Part 3-3: Functional safety fieldbuses - Additional specifications for CPF 3

This part of the IEC 61784-3 series specifies a safety communication layer (services and protocol) based on CPF 3 of IEC 61784-1, IEC 61784-2 (CP 3/1, CP 3/2, CP 3/4, CP 3/5 and CP 3/6) and IEC 61158 Types 3 and 10. It identifies the principles for functional safety communications defined in IEC 61784-3 that are relevant for this safety communication layer. This part1 defines mechanisms for the transmission of safety-relevant messages among participants within a distributed network using fieldbus technology in accordance with the requirements of IEC 61508 for functional safety. These mechanisms may be used in various industrial applications such as process control, manufacturing automation and machinery. This part provides guidelines for both developers and assessors of compliant devices and systems.

Keel en

EVS-EN 61784-3-6:2008

Hind 286,00

Identne EN 61784-3-6:2008

ja identne IEC 61784-3-6:2007

Industrial communication networks - Profiles - Part 3-6: Functional safety fieldbuses - Additional specifications for CPF 6

This part of the IEC 61784-3 series specifies a safety communication layer (services and protocol) based on CPF 6 of IEC 61784-1, IEC 61784-2 and IEC 61158 Type 8. It identifies the principles for functional safety communications defined in IEC 61784-3 that are relevant for this safety communication layer. This part1 defines mechanisms for the transmission of safety-relevant messages among participants within a distributed network using fieldbus technology in accordance with the requirements of IEC 61508 for functional safety. These mechanisms may be used in various industrial applications such as process control, manufacturing automation and machinery. This part provides guidelines for both developers and assessors of compliant devices and systems.

Keel en

EVS-EN 61784-5-2:2008

Hind 324,00

Identne EN 61784-5-2:2008

ja identne IEC 61784-5-2:2007

Industrial communication networks - Profiles -- Part 5-2: Installation of fieldbuses - Installation profiles for CPF 2

This part of IEC 61784 specifies the installation profiles for CPF 2 (CIP™1). The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2007.

Keel en

EVS-EN 61784-5-3:2008

Hind 305,00

Identne EN 61784-5-3:2008

ja identne IEC 61784-5-3:2007

Industrial communication networks - Profiles - Part 5-3: Installation of fieldbuses - Installation profiles for CPF 3

This part of IEC 61784 specifies the installation profiles for CPF 3 (PROFIBUS/PROFINET)1. The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2007.

Keel en

EVS-EN 61784-5-6:2008

Hind 233,00

Identne EN 61784-5-6:2008

ja identne IEC 61784-5-6:2007

Industrial communication networks - Profiles - Part 5-6: Installation of fieldbuses - Installation profiles for CPF 6

This part of IEC 61784 specifies the installation profiles for the media specified in CPF 6 (INTERBUS)1. The installation profiles are specified in the annexes. These annexes are read in conjunction with IEC 61918:2007.

Keel en

EVS-EN 61784-5-10:2008

Hind 151,00

Identne EN 61784-5-10:2008

ja identne IEC 61784-5-10:2007

Industrial communication networks - Profiles - Part 5-10: Installation of fieldbuses - Installation profiles for CPF 10

This part of IEC 61784 specifies the installation profile for CPF 10 (Vnet/IP™1). The installation profile is specified in the annex. This annex is read in conjunction with IEC 61918:2007.

Keel en

EVS-EN 61784-5-11:2008

Hind 151,00

Identne EN 61784-5-11:2008

ja identne IEC 61784-5-11:2007

Industrial communication networks - Profiles - Part 5-11: Installation of fieldbuses - Installation profiles for CPF 11

This part of IEC 61784 specifies the installation profile for CPF 11 (TCnet1). The installation profile is specified in the annex. This annex is read in conjunction with IEC 61918:2007.

Keel en

EVS-EN ISO 27799:2008

Hind 233,00

Identne EN ISO 27799:2008

ja identne ISO 27799:2008

Health informatics - Security management in health using ISO/IEC 17799

This International Standard defines guidelines to support the interpretation and implementation in health informatics of ISO/IEC 27002 and is a companion to that standard2). This International Standard specifies a set of detailed controls for managing health information security and provides health information security best practice guidelines. By implementing this International Standard, healthcare organizations and other custodians of health information will be able to ensure a minimum requisite level of security that is appropriate to their organization's circumstances and that will maintain the confidentiality, integrity and availability of personal health information. This International Standard applies to health information in all its aspects, whatever form the information takes (words and numbers, sound recordings, drawings, video and medical images), whatever means are used to store it (printing or writing on paper or electronic storage) and whatever means are used to transmit it (by hand, via fax, over computer networks or by post), as the information must always be appropriately protected.

Keel en

EVS-ISO/IEC 15289:2008

Hind 233,00

Süsteemi- ja tarkvaratehnika. Süsteemide ja tarkvara elutsükli protsesside infosaaduste (dokumentatsiooni) sisu (ISO/IEC 15289:2006)

Standard piiritleb kõigi süsteemi ja tarkvara elutsüklis määratud infoüksuste eesmärgi ja sisu. Infoüksuse sisu määratletakse vastavalt jaotises 7 esitatud üldistatud dokumenditüüpidele ja dokumendi konkreetsele eesmärgile (jaotis 10). Neid üldistatud dokumenditüüpe (kooskõlastamiseks standardiga [3] võib neid nimetada infoüksuste tüüpideks) tuleb kasutada sellise teabe piiritlemiseks, mis on vajalik ISO/IEC 15288:2002 leppe-, ettevõtte-, projekti- ja tehniliste protsesside ning ISO/IEC 12207:1995 elutsükli primaar-, abi- ja organisatsiooniliste protsesside toetuseks.

Keel et

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 61784-1:2004

Identne EN 61784-1:2004

ja identne IEC 61784-1:2003+AC:2004

Digital data communications for measurement and control - Part 1: Profile sets for continuous and discrete manufacturing relative to fieldbus use in industrial control systems

defines a set of protocol specific communication profiles based primarily on the IEC 61158 series, to be used in the design of devices involved in communications in factory manufacturing and process control.

Keel en

Asendab EVS-EN 50170:2002; EVS-EN 50254:2002

Asendatud EVS-EN 61784-1:2008

KAVANDITE ARVAMUSKÜSITLUS

EN 50346:2003/FprA2

Identne EN 50346:2002/FprA2:2008

Tähtaeg 29.11.2008

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

Keel en

FprEN 62264-5

Identne FprEN 62264-5:2008

ja identne IEC 62264-5:200X

Tähtaeg 30.10.2008

Enterprise system integration - Part 5: Business to manufacturing transactions

This part of IEC 62264 defines transactions in terms of information exchanges between applications performing business and manufacturing activities associated with Levels 3 and 4. The exchanges are intended to enable information collection, retrieval, transfer and storage in support of Enterprise-Control system integration. This part is consistent with the IEC 62264-1 models and terminology and IEC 62264-2 object model attributes. This part also defines transactions that specify how to exchange the objects defined in Part 1 Clause 7, Part 2 and this part. Other uses of the transaction model are not defined in this part. The models covered in this standard are: Personnel Model, Equipment Model, Maintenance Model, Material Model, Process Segment Model, Production Capability Model, Product Definition Model, Production Schedule Model, and Production Performance Model.

Keel en

FprEN 62541-1

Identne FprEN 62541-1:2008

ja identne IEC 62541-1:200X

Tähtaeg 30.10.2008

OPC unified architecture - Part 1: Overview and concepts

Keel en

FprEN 62541-2

Identne FprEN 62541-2:2008

ja identne IEC 62541-2:200X

Tähtaeg 30.10.2008

OPC unified architecture - Part 2: Security model

This specification describes the OPC Unified Architecture (OPC UA) security model. It describes the security threats of the physical, hardware, and software environments in which OPC UA is expected to run. It describes how OPC UA relies upon other standards for security. It gives an overview of the security features that are specified in other parts of the OPC UA specification. It references services, mappings, and profiles that are specified normatively in other parts of this multi-part specification. This part of the specification is informative rather than normative. Any seeming ambiguity between this part and one of the normative parts does not remove or reduce the requirement specified in the normative part. This Part 2 is directed to readers who will develop OPC UA client or server applications or implement the OPC UA services layer. It is assumed that the reader is familiar with Web Services and XML/SOAP. Information on these technologies can be found in SOAP Part 1: and SOAP Part 2.

Keel en

FprEN 62541-3

Identne FprEN 62541-3:2008

ja identne IEC 62541-3:200X

Tähtaeg 30.10.2008

OPC unified architecture - Part 3: Address space model

This specification describes the OPC Unified Architecture (OPC UA) AddressSpace and its Objects. This Part is the OPC UA Meta Model on which OPC UA Information Models are based.

Keel en

FprEN 62541-4

Identne FprEN 62541-4:2008

ja identne IEC 62541-4:200X

Tähtaeg 30.10.2008

OPC unified architecture - Part 4: Services

This specification defines the OPC Unified Architecture (OPC UA) Services. The Services described are the collection of abstract Remote Procedure Calls (RPC) that are implemented by OPC UA Servers and called by OPC UA Clients. All interactions between OPC UA Clients and Servers occur via these Services. The defined Services are considered abstract because no particular RPC mechanism for implementation is defined in this Part. Part 6 specifies one or more concrete mappings supported for implementation. For example, one mapping in Part 6 is to XML Web Services. In that case the Services described in this Part appear as the Web service methods in the WSDL contract. Not all OPC UA Servers will need to implement all of the defined Services. Part 7 defines the Profiles that dictate which Services need to be implemented in order to be compliant with a particular Profile.

Keel en

FprEN 62541-5

Identne FprEN 62541-5:2008

ja identne IEC 62541-5:200X

Tähtaeg 30.10.2008

OPC unified architecture - Part 5: Information model

This specification defines the Information Model of the OPC Unified Architecture. The Information Model describes standardised Nodes of a server's AddressSpace. These Nodes are standardised types as well as standardised instances used for diagnostics or as entry points to server specific Nodes. Thus, the Information Model defines the AddressSpace of an empty OPC UA server. However, it is not expected that all servers will provide all of these Nodes.

Keel en

FprEN 62541-6

Identne FprEN 62541-6:2008

ja identne IEC 62541-6:200X

Tähtaeg 30.10.2008

OPC unified architecture - Part 6: Mappings

This document specifies the OPC Unified Architecture (OPC UA) mapping between the security model described in Part 2, the abstract service definitions described Part 4 and the data structures defined in Part 5 and the physical network protocols that can be used to implement the OPC UA specification.

Keel en

FprEN 62541-8

Identne FprEN 62541-8:2008

ja identne IEC 62541-8:200X

Tähtaeg 30.10.2008

OPC unified architecture - Part 8: Data access

This specification is part of the overall OPC Unified Architecture (OPC UA) specification series and defines the information model associated with Data Access (DA). It particularly includes additional VariableTypes and complemental descriptions of the NodeClasses and Attributes needed for Data Access, additional Properties and other information and behaviour. The complete address space model, including all NodeClasses and Attributes, is specified in Part 3. The services to detect and access data are specified in Part 4.

Keel en

prEN ISO 9241-20

Identne prEN ISO 9241-20:2008

ja identne ISO 9241-20:2008

Tähtaeg 30.10.2008

Ergonomics of human-system interaction - Part 20: Accessibility guidelines for information/communication technology (ICT) equipment and services

This part of ISO 9241 is intended for use by those responsible for planning, designing, developing, acquiring, and evaluating information/communication technology (ICT) equipment and services. It provides guidelines for improving the accessibility of ICT equipment and services such that they will have wider accessibility for use at work, in the home, and in mobile and public environments. It covers issues associated with the design of equipment and services for people with a wide range of sensory, physical and cognitive abilities, including those who are temporarily disabled, and the elderly.

Keel en

prEVS 821

Modifitseeritud EVS 822:2003

ja modifitseeritud EVS 821:2003

Tähtaeg 30.10.2008

BDOC. Digitaalallkirja vorming

Standard määratleb XML vormingud täiustatud elektrooniliste allkirjade jaoks, mis omavad pikaajalist tõestusväärtust, on vastavuses Euroopa direktiiviga ning kaasavad kasulikku lisainformatsiooni tavapärasteks kasutusjuhtudeks. See lisainformatsioon sisaldab ka tõestusmaterjali allkirja kehtivusest, mis on kasutatav isegi siis, kui allkirjastaja või verifitseerija üritab hiljem eitada (salata) allkirja kehtivust.

Keel et, en

Asendab EVS 821:2003; EVS 822:2003

37 VISUAALTEHNIKA

UUED STANDARDID

EVS-EN 60335-2-56:2003/A1:2008

Hind 73,00

Identne EN 60335-2-56:2003/A1:2008

ja identne IEC 60335-2-56:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-56: Erinõuded projektoritele ja muudele taolistele seadmetele

Deals with the safety of electric projectors and similar appliances, their rated voltage being not more than 250 V, for household and similar purposes. Some examples of appliacnes that are within the scope of this standard are effects projectors, film-strip projectors, microscope projectors, motion-picture projectors, overhead projectors, photographic enlargers, still view and photo-reproduction appliances

Keel en

43 MAANTEESÕIDUKITE EHITUS

UUED STANDARDID

CEN ISO/TS 14823:2008

Hind 343,00

Identne CEN ISO/TS 14823:2008

ja identne ISO/TS 14823:2008

Traffic and travel information - Messages via media independent stationary dissemination systems - Graphic data dictionary for pre-trip and in-trip information dissemination systems

This Technical Specification presents a system of standardized codes for existing signs and pictograms used to deliver traffic and traveller information (TTI). The coding system can be used to form messages to be handled by respective media systems, graphic messages on on-board units, and media system information on TTI dissemination systems (VMS, PC, PAT, etc.) (including graphic data). These types of information are required by travellers for their pre-trip planning as well as their in-trip plan modification based on information obtained through media systems. As shown in Figure 1, a system handling graphic messages generally comprises TTI system operators, media systems and communication networks interconnecting these systems. This Technical Specification relates to: - TTI systems operators which include - Traffic Management Centres (TMC), - Traffic Information Centres (TIC), - Parking Information Centres (PIC), - Public Transport Centres (PTC), - Value-Added Service Providers (VASP), and - others; - media systems which include - On-board Units (OBU), - Variable Message Signs (VMS), - Personal Computers (PC), - Public Access Terminals (PAT), and - others.

Keel en

EVS-EN 1645-1:2005+A1:2008

Hind 208,00

Identne EN 1645-1:2004+A1:2008

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

This document specifies requirements intended to ensure the safety and health of people when they use caravans for temporary or seasonal habitation. It also specifies the corresponding test methods. EN 1645-2 gives requirements relating to user payloads for caravans. Requirements applicable to road safety are not included in the scope of this document. This document is applicable exclusively to rigid and rigid folding caravans as defined in EN 13878.

Keel en

Asendab EVS-EN 1645-1:2005

EVS-EN 1646-1:2005+A1:2008

Hind 190,00

Identne EN 1646-1:2004+A1:2008

Leisure accommodation vehicles - Motor caravans - Part 1: Habitation requirements relating to health and safety KONSOLIDEERITUD TEKST

This document specifies requirements intended to ensure the safety and health of persons when they use motor caravans for temporary or seasonal habitation. It also specifies the corresponding test methods. However, certain requirements of this standard do not apply to motor caravans where the overall length multiplied by the overall width does not exceed 12 m2 plan area. EN 1646-2 gives requirements relating to user payloads for motor caravans. Requirements applicable to road safety are not included in the scope of this document. This document is applicable exclusively to motor caravans as defined in EN 13878.

Keel en

Asendab EVS-EN 1646-1:2005

EVS-EN 1647:2005+A1:2008

Hind 199,00

Identne EN 1647:2004+A1:2008

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

This document specifies requirements intended to ensure safety and health of persons using caravan holiday homes as defined in clause 3, as temporary or seasonal accommodation. It specifies grades of resistance to snow loads and the stability of the structure of caravan holiday homes as well as the minimum information to be included in a user's handbook. It also specifies the corresponding test methods.

Keel en

Asendab EVS-EN 1647:2005

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 1645-1:2005

Identne EN 1645-1:2004

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

This European Standard specifies requirements intended to ensure the safety and health of people when they use caravans for temporary or seasonal habitation. It also specifies the corresponding test methods. EN 1645-2 gives requirements relating to user payloads for caravans

Keel en

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

Asendatud EVS-EN 1645-1:2005+A1:2008

EVS-EN 1646-1:2005

Identne EN 1646-1:2004

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

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

Keel en

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

Asendatud EVS-EN 1646-1:2005+A1:2008

EVS-EN 1647:2005

Identne EN 1647:2004

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

This European Standard specifies requirements intended to ensure safety and health of persons using caravan holiday homes as defined in clause 3, as temporary or seasonal accommodation

Keel en

Asendab EVS-EN 1647:2001/A2:2002; EVS-EN 1647:2001

Asendatud EVS-EN 1647:2005+A1:2008

45 RAUDTEETEHNIKA

UUED STANDARDID

EVS-EN 50264-1:2008

Hind 190,00

Identne EN 50264-1:2008

Railway applications - Railway rolling stock power and control cables having special fire performance -- Part 1: General requirements

EN 50264-1 specifies the general requirements applicable to the cables given in all other parts of EN 50264. It includes the detailed requirements for the insulating and sheathing materials and other components called up in the separate parts. In particular EN 50264-1 specifies those requirements relating to fire safety. Based on proven experience and reliability over many years these cables are rated for occasional thermal stresses causing ageing equivalent to continuous operational life at a conductor temperature of 90 °C. The maximum conductor temperature for short circuit conditions is 200 °C based on a duration of 5 s. This Part 1 should be read in conjunction with the other parts of EN 50264.

Keel en

Asendab EVS-EN 50264-1:2003

EVS-EN 50264-2-1:2008

Hind 162,00

Identne EN 50264-2-1:2008

Railway applications - Railway rolling stock power and control cables having special fire performance -- Part 2-1: Cables with crosslinked elastomeric insulation - Single core cables

EN 50264-2-1 specifies requirements for, and constructions and dimensions of, single core cables of the following types and voltage ratings: • 0,6/1 kV unscreened, unsheathed (1 mm² to 400 mm²); • 1,8/3 kV unscreened, unsheathed (1,5 mm² to 400 mm²); • 1,8/3 kV unscreened, sheathed (1,5 mm² to 400 mm²); • 3,6/6 kV unscreened, sheathed (2,5 mm² to 400 mm²). All cables have class 5 tinned copper conductors to EN 60228, halogen-free insulation and halogen-free 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 conductor temperature not exceeding 90 °C and a maximum temperature for short circuit conditions of 200 °C based on a duration of 5 s. Under fire conditions the cables exhibit special performance characteristics in respect of maximum permissible flame propagation (flame spread) and maximum permissible emission of smoke and toxic gases. EN 50264-2-1 should be read in conjunction with Part 1 “General requirements”.

Keel en

Asendab EVS-EN 50264-2:2003

EVS-EN 50264-2-2:2008

Hind 162,00

Identne EN 50264-2-2:2008

Railway applications - Railway rolling stock power and control cables having special fire performance -- Part 2-2: Cables with crosslinked elastomeric insulation - Multicore cables

EN 50264-2-2 specifies requirements for, and constructions and dimensions of, multicore cables of the following types and voltage ratings: • 300/500 V screened or unscreened (1 mm², 1,5 mm² and 2,5 mm², number of cores from 2 to 40); • 0,6/1 kV screened or unscreened (1,5 mm² to 50 mm², 2, 3 and 4 cores). All cables have class 5 tinned copper conductors to EN 60228, halogen-free insulation and halogen-free 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 conductor temperature not exceeding 90 °C and a maximum temperature for short circuit conditions of 200 °C based on a duration of 5 s. Under fire conditions the cables exhibit special performance characteristics in respect of maximum permissible flame propagation (flame spread) and maximum permissible emission of smoke and toxic gases. EN 50264-2-2 should be read in conjunction with Part 1 “General requirements”.

Keel en

Asendab EVS-EN 50264-3:2003

EVS-EN 50264-3-1:2008

Hind 162,00

Identne EN 50264-3-1:2008

Railway applications - Railway rolling stock power and control cables having special fire performance -- Part 3-1: Cables with crosslinked elastomeric insulation with reduced dimensions - Single core cables

EN 50264-3-1 specifies requirements for, and constructions and dimensions of, single core cables of the following types and voltage ratings: • 0,6/1 kV unscreened, unsheathed (1 mm2 to 400 mm2); • 1,8/3 kV unscreened, unsheathed (1,5 mm2 to 400 mm2); • 1,8/3 kV unscreened, sheathed (1,5 mm2 to 400 mm2); • 3,6/6 kV unscreened, sheathed (2,5 mm2 to 400 mm2). All cables have class 5 tinned copper conductors to EN 60228, halogen-free insulation and halogen-free 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 conductor temperature not exceeding 90° C and a maximum temperature for short circuit conditions of 200 °C based on a duration of 5 s. Under fire conditions the cables exhibit special performance characteristics in respect of maximum permissible flame propagation (flame spread) and maximum permissible emission of smoke and toxic gases. EN 50264-3-1 should be read in conjunction with Part 1 “General requirements”.

Keel en

EVS-EN 50264-3-2:2008

Hind 180,00

Identne EN 50264-3-2:2008

Railway applications - Railway rolling stock power and control cables having special fire performance -- Part 3-2: Cables with crosslinked elastomeric insulation with reduced dimensions - Multicore cables

EN 50264-3-2 specifies requirements for, and constructions and dimensions of, multicore cables of the following types and voltage ratings: • 300/500 V screened or unscreened (1 mm2, 1,5 mm2 and 2,5 mm2, number of cores from 2 to 40); • 0,6/1 kV screened or unscreened, (1,5 mm2 to 50 mm2, 2, 3 and 4 cores). All cables have class 5 tinned copper conductors to EN 60228, halogen-free insulation and halogen-free 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 conductor temperature not exceeding 90 °C and a maximum temperature for short circuit conditions of 200 °C based on a duration of 5 s. Under fire conditions the cables exhibit special performance characteristics in respect of maximum permissible flame propagation (flame spread) and maximum permissible emission of smoke and toxic gases. EN 50264-3-2 should be read in conjunction with Part 1 “General requirements”.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 50264-2:2003

Identne EN 50264-2:2002

Railway applicactions - Railway rolling stock cables having special fire performance - Standard wall - Part 2: Single core cables

Part 2 of EN 50264 specifies requirements for, and constructions and dimensions of, single core cables of the following types and voltage ratings: 0,6/1 kV unscreened, unsheathed (1 mm2 to 400 mm2), 1,8/3 kV unscreened, unsheathed (1,5 mm2 to 400 mm2), 1,8/3 kV unscreened sheathed (1,5 mm2 to 400 mm2), 3,6/6 kV unscreened, sheathed (2,5 mm2 to 400 mm2). All cables have class 5 tinned copper conductors to HD 383, halogen-free insulation and where applicable halogen-free sheath.

Keel en

Asendatud EVS-EN 50264-2-1:2008

EVS-EN 50264-1:2003

Identne EN 50264-1:2002

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

Part 1 of EN 50264 specifies the general requirements applicable to the cables given in part 2 and part 3 of EN 50264. It includes the detailed requirements for the insulating and sheathing materials and other components called up in the separate parts. In particular EN 50264-1 specifies those requirements relating to fire safety which enable the cables to satisfy Hazard Levels 2, 3 and 4 of EN 45545-1.*

Keel en

Asendatud EVS-EN 50264-1:2008

EVS-EN 50264-3:2003

Identne EN 50264-3:2002

Railway applicactions - Railway rolling stock cables having special fire performance - Standard wall - Part : Multicore cables

Part 3 of EN 50264 specifies requirements for, and constructions and dimensions of, multicore cables of the following types and voltage ratings: - 300 V/500 V Screened or unscreened (1 mm 2 , 1,5 mm 2 and 2,5 mm 2 , number of cores from 2 to 40) - 0,6 kV/1 kV Screened or unscreened, (1 mm 2 to 50 mm 2 , 2, 3 and 4 core)

Keel en

Asendatud EVS-EN 50264-2-2:2008

KAVANDITE ARVAMUSKÜSITLUS

EVS 867:2003+A1:2007/prA2

ja identne EVS 867:2003+A1:2007

Tähtaeg 30.10.2008

Raudteealased rakendused. Reisijate ooteplatvormid

Standard käsitleb raudteel reisijate ooteplatvormide projekteerimisele, ehitamisele ja hooldusele esitatavaid nõudeid, hõlmates nii uusi (ehitatavaid) kui ka olemasolevaid (rekonstrueeritavaid) ooteplatvorme, juurdepääsuteid ooteplatvormidele ning juurdepääsuteel asuvaid ülekäigukohti.

Keel et

Asendab EVS 867:2003

47 LAEVAEHITUS JA MERE-EHITISED

UUED STANDARDID

EVS-EN 61110:2008

Hind 151,00

Identne EN 61110:1992

ja identne IEC 61110:1992

System Omega and differential Omega receivers for ships - Operational and performance requirements - Methods of testing and required test results

This International Standard specifies the minimum performance standards and methors of testing of shipborne receivers for Omega system and the differential Omega system, associated with IEC 945.

Keel en

EVS-EN 61135:2008

Hind 141,00

Identne EN 61135:1994

ja identne IEC 61135:1992

Decca Navigator system: Receivers for ships - Minimum performance standards - Methods of testing and required test results

Specifies minimum performance standards and methods of testing of shipborne receivers for the Decca Navigator system; is associated with EN 60945.

Keel en

EVS-EN 61996-1:2008

Hind 233,00

Identne EN 61996-1:2008

ja identne IEC 61996-1:2008

Maritime navigation and radiocommunication equipment and systems - Shipborne voyage data recorder (VDR) - Performance requirements - Methods of testing and required test results

This part of IEC 61996 specifies the minimum performance requirements, technical characteristics and methods of testing, and required test results, for shipborne voyage data recorder (VDR) installations as required by Chapter V of the International Convention for Safety of Life at Sea (SOLAS), as amended. It takes account of IMO resolution A.694(17) and is associated with IEC 60945. When a requirement in this standard is different from IEC 60945, the requirement in this standard takes precedence. This standard incorporates the applicable parts of the performance standards included in IMO Resolutions A.861(20) and MSC.214(81) Annex 1.

Keel en

Asendab EVS-EN 61996:2002

EVS-EN 61996-2:2008

Hind 246,00

Identne EN 61996-2:2008

ja identne IEC 61996-2:2008

Maritime navigation and radiocommunication equipment and systems - Shipborne voyage data recorder (VDR) - Part 2: Simplified voyage data recorder (S-VDR) - Performance requirements, methods of testing and required test results

This part of IEC 61996 specifies the minimum performance requirements, technical characteristics and methods of testing, and required test results, for simplified shipborne voyage data recorders (S-VDRs) as required by IMO MSC.163(78). It takes into account IMO resolution A.694(17) and is associated with IEC 60945. When a requirement in this standard is different from IEC 60945, the requirement in this standard takes precedence.

Keel en

Asendab EVS-EN 61996-2:2006

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 61996:2002

Identne EN 61996:2000

ja identne IEC 61996:2000

Maritime navigation and radiocommunication equipment and systems - Shipborne voyage data recorder (VDR) - Performance requirements - Methods of testing and required test results

AThis International Standard specifies the minimum performance requirements, technical characteristics and methods of testing, and required test results, for shipborne voyage data recorder (VDR) installations as required by Chapter (V) of the International Convention for Safety of Life at Sea (SOLAS):1974, as amended. It takes account of IMO resolution A.694 and is associated with IEC 60945. When a requirement in this standard is different from IEC 60945, the requirement in this standard takes precedence.

Keel en

Asendatud EVS-EN 61996-1:2008

EVS-EN 61996-2:2006

Identne EN 61996-2:2006

ja identne IEC 61996-2:2006

Maritime navigation and radiocommunication equipment and systems - Shipborne voyage data recorder (VDR) -- Part 2: Simplified voyage data recorder (S-VDR) - Performance requirements, methods of testing and required test results

This part of IEC 61996 specifies the minimum performance requirements, technical characteristics and methods of testing, and required test results, for simplified shipborne voyage data recorders (S-VDRs) as required by IMO MSC.163(78). It takes into account IMO resolution A.694(17) and is associated with IEC 60945. When a requirement in this standard is different from IEC 60945, the requirement in this standard takes precedence.

Keel en

Asendatud EVS-EN 61996-2:2006

49 LENNUNDUS JA KOSMOSETEHNIKA

KAVANDITE ARVAMUSKÜSITLUS

EN 1915-2:2001/prA1

Identne EN 1915-2:2001/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed . Üldnõuded. Osa 2: Stabiilsuse ja tugevusnõuded, arvutused ja katsemeetodid

This Part of EN 1915 specifies the conditions to be taken into consideration when calculating the strenght and the stability of GSE according to EN 1915-1:2001 and the EN 12312 series under intended use conditions. It also specifies general test methods.

Keel en

EN 1915-1:2001/prA1

Identne EN 1915-1:2001/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed . Üldnõuded. Osa 1: Põhilised ohutusnõuded

This Part of EN 1915 applies to GSE when used in civil air transport as intended by the manufacturer and contains safety requirements relating to the equipment in general.

Keel en

EN 1915-3:2004/prA1

Identne EN 1915-3:2004/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed. Üldnõuded. Osa 3: Vibratsiooni mõõtmise meetodid ja vähendamine

This Part of EN 1915 deals with vibration reduction as a safety requirement. It also specifies the methods for determining the vibration emission transmitted to the whole body of drivers standing and/or seated on freely moveable GSE, when driving for purposes of type evaluation, declaration and methods of verifying vibration emission.

Keel en

EN 1915-4:2005/prA1

Identne EN 1915-4:2004/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed. Üldnõuded. Osa 4: Müärataseme mõõtmise ja vähendamise meetodid

This Part of EN 1915 deals with noise reduction as a safety requirement and describes the methods for determining the sound pressure level at workstations, other specified positions and the sound power level of GSE during intended use. The test results are not applicable to the determination of daily exposure to noise for the operator

Keel en

EN 12312-1:2001/prA1

Identne EN 12312-1:2001/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 1: Reisijate trepid

This Part of EN 12312 deals with the tchnical requirements to minimise the azards listed in clause 4 which can arise during the commissioning, the operation and the maintenance of passenger stairs when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes onto account some requirements recognized as essential by the health and safety authorities, aircraft and vecicle manufacturers as well as airlines and handing agencies.

Keel en

EN 12312-2:2002/prA1

Identne EN 12312-2:2002/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 2: Toitlustussõidukid

This European Standard specifies the technical requirements to minimize the hazards listed in clause 4 which can arise during the commissioning, the operation and the maintenance of catering vehicles when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some requirements recognized as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies

Keel en

EN 12312-3:2003/prA1

Identne EN 12312-3:2001/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 3: Konveierrihmaga sõidukid

This European Standard specifies the technical requirements to minimize the hazards listed in clause 4 which can arise during the commissioning, operation and maintenance of conveyor belt vehicles when carried out in accordance with the specifications given by the manufacturer or his authorized representative. It also takes into account some requirements recognized as essential by authorities, aircraft and GSE manufacturers as well as airlines and handling agencie

Keel en

EN 12312-4:2003/prA1

Identne EN 12312-4:2003/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 4: Reisijate sild lennukisse minemiseks

This European Standard specifies the technical requirements to minimize the hazards listed in clause 4 which can arise during the commissioning, operation and maintenance of PBB's when carried out in accordance with the specifications given by the manufacturer or his authorized representative. It also takes into account some requirements recognized as essential by authorities, aircraft and GSE manufacturers as well as air-lines and handling agencies

Keel en

EN 12312-5:2005/prA1

Identne EN 12312-5:2005/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 5: Lennukite tankimisseadmed

This document specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of AFE when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some performance requirements recognised as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines, airports and fuelling companies.

Keel en

EN 12312-6:2004/prA1

Identne EN 12312-6:2004/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 6: Jäätõrjevahendid ja jäätõrje/jäätumiskontrolliseadmed

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 deicers and equipment designed exclusively for deicing and washing of aircraft with deicing/antiicing/washing liquids 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 GSE manufacturers as well as airlines and handling agencies.

Keel en

EN 12312-7:2005/prA1

Identne EN 12312-7:2005/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 7: Lennukite teisaldamisseadmed

This document specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of aircraft movement equipment when carried out in accordance with the specifications given by the manufacturer or his authorised representative.

Keel en

EN 12312-8:2005/prA1

Identne EN 12312-8:2005/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 8: Hooldustrepid ja platvormid

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 maintenance stairs and platforms when carried out in accordance with the specifications given by the manufacturer or his authorised representative.

Keel en

EN 12312-9:2005/prA1

Identne EN 12312-9:2005/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 9: Konteinerite/aluste laadimisseadmed

This document specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of container/pallet loaders when carried out in accordance with the specifications given by the manufacturer or his authorised representative.

Keel en

EN 12312-10:2005/prA1

Identne EN 12312-10:2005/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 10: Konteinerite/aluste transportöörid

This document specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of container/pallet transfer transporters when carried out in accordance with the specifications given by the manufacturer or his authorised representative.

Keel en

EN 12312-12:2002/prA1

Identne EN 12312-12:2002/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 12: Joogivee teenidusseadmed

This Part of this European Standard deals with the technical requirements to minimize the hazards listed in clause 4 which can arise during the commissioning, operation and maintenance of potable water service equipment when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some requirements recognized as essential by authorities, aircraft and GSE manufacturers as well as airlines and handling agencies

Keel en

EN 12312-13:2002/prA1

Identne EN 12312-13:2002/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 13: WC teenindusseadmed

This Part of the European Standard deals with the technical requirements to minimize the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of lavatory service equipment when carried out in accordance with the specifications given by the manufacturer or his authorised representative. It also takes into account some requirements recognized as essential by authorities, aircraft and GSE manufacturers as well as airlines and handling agencies

Keel en

EN 12312-14:2006/prA1

Identne EN 12312-14:2006/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 14: Lennukile mineku seadmed puuetega/teovõimetutele reisijatele

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 disabled/incapacitated passenger boarding vehicles when used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer or his authorised representative. It also takes into account some performance requirements recognized as essential by authorities, aircraft and ground support equipment (GSE) manufacturers as well as airlines and handling agencies. This European Standard defines specific safety requirements for transporters/boarding vehicles for transporting/boarding incapacitated or disabled passengers as defined under 3.1, hereafter referred to as boarding vehicles.

Keel en

EN 12312-15:2006/prA1

Identne EN 12312-15:2006/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 15: Pagasi ja seadmete veovahendid

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 baggage and equipment tractors, when used as intended and under the conditions of misuse which are reasonably forseeable by the manufacturer or his authorised representative.

Keel en

EN 12312-16:2005/prA1

Identne EN 12312-16:2005/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 16: Õhuskäivitusseadmed

This document specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of air start equipment when carried out in accordance with the specifications given by the manufacturer or his authorised representative.

Keel en

EN 12312-17:2004/prA1

Identne EN 12312-17:2004/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 17: Kliimaseadmed

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 specific air conditioning equipment for aircraft ground support, 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 handling agencies.

Keel en

EN 12312-18:2005/prA1

Identne EN 12312-18:2005/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 18: Lämmastiku- või hapnikuseadmed

This document specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the ommissioning, operation and maintenance of nitrogen or oxygen units when carried out in accordance with the specifications given by the manufacturer or his authorised representative.

Keel en

EN 12312-19:2005/prA1

Identne EN 12312-19:2005/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 19: Lennukite tungrauad, telje kinnitusrakised/tõstukid ja hüdraulilised tagapukid

This document specifies the technical requirements to minimise the hazards listed in Clause 4 which can arise during the commissioning, operation and maintenance of aircraft jacks, axle jacks and hydraulic tail stanchions when carried out in accordance with the specifications given by the manufacturer or his authorised representative.

Keel en

EN 12312-20:2005/prA1

Identne EN 12320-20:2005/prA1:2008

Tähtaeg 30.10.2008

Õhusõidukite maapealsed teenindusseadmed. Erinõuded. Osa 20: Elektrilised maapealsed vooluallikad

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.

Keel en

53 TÕSTE- JA TEISALDUS-SEADMED

UUED STANDARDID

EVS-EN 1526:1999+A1:2008

Hind 113,00

Identne EN 1526:1997+A1:2008

Tööstuslike mootorkärude ohutus. Lisanõuded kärude automaatfunktsioonide kohta KONSOLIDEERITUD TEKST

1.1 This European Standard deals with the controls and control systems for automated functions of industrial trucks with an operator (hereinafter referred to as "trucks"). 1.2 The control system is generally part of the truck but can include components external to the truck, eg for the guidance means for automated steering. 1.3 This European Standard deals with the technical requirements to minimise the specific hazards listed in clause 4 which can arise during the commissioning, operation and maintenance of automated functions of trucks when carried out in accordance with the specifications given by the manufacturer or his authorised representative. In addition, trucks should comply as appropriate with EN 292 for hazards not covered by this standard or the applicable companion standards.

Keel en

Asendab EVS-EN 1526:1999

EVS-EN 12053:2002+A1:2008

Hind 141,00

Identne EN 12053:2001+A1:2008

Tööstuslike mootorkärude ohutus. Katsemeetodid müra mõõtmiseks KONSOLIDEERITUD TEKST

This noise measurement standard gives methods for determining the sound pressure level at the operator's position and the sound power level of industrial and rough terrain trucks. This European standard is a type test applicable to all industrial trucks listed in table A1. The test results obtained in accordance with this standard are also applicable to the evaluation of the hazard generated by noise from industrial trucks.

Keel en

Asendab EVS-EN 12053:2002

EVS-EN 12644-1:2001+A1:2008

Hind 113,00

Identne EN 12644-1:2001+A1:2008

Kraanad. Informatsioon kasutamiseks ja katsetamiseks. Osa 1: Juhendid KONSOLIDEERITUD TEKST

This part of EN 12644 specifies requirements for the presentation and content of instruction handbook(s) supplied by the manufacturer for the use of cranes. This crane standard has been written to be used in conjunction with other crane standards being prepared by CEN/TC 147. The hazards covered by this standard are identified in clause 4. This part of EN 12644 applies to cranes which are manufactured after the date of approval by CEN of this standard. This standard does not cover hazards related to the lifting of persons.

Keel en

Asendab EVS-EN 12644-1:2001

EVS-EN 12644-2:2000+A1:2008

Hind 95,00

Identne EN 12644-2:2000+A1:2008

Kraanad. Informatsioon kasutamiseks ja katsetamiseks. Osa 2: Märgistus KONSOLIDEERITUD TEKST

This part of EN 12644 specifies the requirements for markings, signs and warnings for cranes. This crane standard has been written to be used in conjunction with other crane standards being prepared by CEN/TC147. The hazards covered by this standard are identified in clause 4. This part of EN 12644 applies to cranes which are manufactured after the date of approval by CEN of this standard. This standard does not cover hazards related to the lifting of persons.

Keel en

Asendab EVS-EN 12644-2:2000

EVS-EN 13059:2002+A1:2008

Hind 162,00

Identne EN 13059:2002+A1:2008

Tööstuslike mootorkärude ohutus. Vibratsiooni mõõtmise katsemeetodid KONSOLIDEERITUD TEKST

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

Keel en

Asendab EVS-EN 13059:2002

EVS-EN 13135-1:2004/AC:2006

Hind 0,00

Identne EN 13135-1:2003/AC:2006

Kraanad. Ohutus. Disain. Nõuded seadmetele. Osa 1: Elektrotehniline varustus

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 1526:1999

Identne EN 1526:1997

Tööstuslike mootorkärude ohutus. Lisanõuded kärude automaatfunktsioonide kohta

See Euroopa standard käsitleb juhiga tööstuslike kärude (edaspidi nimetatud kärude) automaatfunktsioonide juhtseadmeid ja juhtimissüsteeme. Juhtimissüsteem on tavaliselt käru osa, kuid võib sisaldada koostisosi ka väljaspool käru, näiteks automaatroolimiseks ette nähtud juhtimisvahendid. See Euroopa standard ei kehti juhtseadmeid alistavate ohutusseadmete kohta (näiteks kõrguspiirik, kiiruspiirik).

Keel en

Asendatud EVS-EN 1526:1999+A1:2008

EVS-EN 12053:2002

Identne EN 12053:2001 + AC:2002

Tööstuslike mootorkärude ohutus. Katsemeetodid müra mõõtmiseks

This noise measurement standard gives methods for determining the sound pressure level at the operator`s position and the sound power level of industrial and rough terrain trucks.

Keel en

Asendatud EVS-EN 12053:2002+A1:2008

EVS-EN 12644-2:2000

Identne EN 12644-2:2000

Kraanad. Informatsioon kasutamiseks ja katsetamiseks. Osa 2: Märgistus

This part of the standard specifies the requirements for markings, signs and warnings for cranes. Specific requirements for particular types of crane, are given in the appropriate standard for the particular crane type.This part of the standard applies to cranes which are manufactured after the date of issue of this standard.

Keel en

Asendatud EVS-EN 12644-2:2000+A1:2008

EVS-EN 12644-1:2001

Identne EN 12644-1:2001

Kraanad. Informatsioon kasutamiseks ja katsetamiseks. Osa 1: Juhendid

This standard specifies requirements for the presentation and content of instruction handbook(s) supplied by the manufacturer for the use of cranes.

Keel en

Asendatud EVS-EN 12644-1:2001+A1:2008

EVS-EN 13059:2002

Identne EN 13059:2002

Tööstuslike mootorkärude ohutus. Vibratsiooni mõõtmise katsemeetodid

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

Keel en

Asendatud EVS-EN 13059:2002+A1:2008

KAVANDITE ARVAMUSKÜSITLUS

EN 13001-2:2005/prA2

Identne EN 13001-2:2004/prA2:2008

Tähtaeg 29.11.2008

Kraana ohutus. Üldine ehitus. Osa 2: Koormus efektid

This European Standard is to be used together with Part 1 and Part 3 and as such they specify general conditions, requirements and methods to prevent hazards of cranes by design and theoretical verification. Part 3 is only at pre-drafting stage; the use of Parts 1 and 2 is not conditional to the publication of Part 3.

Keel en

prEN 13001-3-1

Identne prEN 13001-3-1:2008

Tähtaeg 30.10.2008

Cranes - General design - Part 3-1: Limit states and proof of competence of steel structures

This European Standard is to be used together with Part 1 and Part 2 and as such they specify general conditions, requirements and methods to prevent mechanical hazards of cranes by design and theoretical verification. The following is a list of significant hazardous situations and hazardous events that could result in risks to persons during intended use and reasonably foreseeable misuse. Clauses 4 to 8 of this standard are necessary to reduce or eliminate the risks associated with the following hazards: a) Exceeding the limits of strength (yield, ultimate, fatigue); b) Exceeding temperature limits of material or components; c) Elastic instability of the crane or its parts (buckling, bulging). This European Standard is applicable to cranes which are manufactured after the date of approval by CEN of this standard and serves as reference base for the European Standards for particular crane types.

Keel en

Asendab CEN/TS 13001-3-1:2005

prEN ISO 2867

Identne prEN ISO 2867:2008

ja identne ISO/DIS 2867:2008

Tähtaeg 30.10.2008

Mullatöömasinad. Juurdepääsusüsteemid

This International Standard specifies criteria for access systems to the operator platform and for personnel performing routine maintenance points on earth -moving machinery as defined in ISO 6165. It is applicable to access systems (enclosure openings, platforms, handrails and handholds, stairways and steps, and ladders) on machines parked in accordance with the manufacturer’s instructions. This International Standard deals with the following significant hazards, hazardous situations and events: slip, trip and fall of persons, and unhealthy postures or excessive effort.

Keel en

Asendab EVS-EN ISO 2867:2006

prEN ISO 3691-1

Identne prEN ISO 3691-1:2008

ja identne ISO/DIS 3691-1:2008

Tähtaeg 30.10.2008

Industrial trucks - Safety requirements and verification - Part 1: Self-propelled industrial trucks, other than driverless, variable-reach trucks and burden-carrier trucks

This part of ISO 3691 applies to the following types of self propelled industrial trucks: a) industrial counterbalanced trucks (see 3.1.3.1.1 of ISO 5053:1987) ; b) reach trucks with retractable mast or retractable fork arm carriage (see 3.1.3.1.2 of ISO 5053:1987); c) straddle trucks (see 3.1.3.1.3 of ISO 5053:1987); d) pallet-stacking trucks (see 3.1.3.1.4 of ISO 5053:1987); e) high lift platform trucks (see 3.1.3.1.5 of ISO 5053:1987); f) trucks with elevating operator position up to 1 200 mm (see 3.1.3.1.6 of ISO 5053:1987); g) side-loading trucks (one side only) (see 3.1.3.1.7 of ISO 5053:1987); h) lateral stacking trucks (both sides) (see 3.1.3.1.9 of ISO 5053:1987) and lateral and front stacking truck (see 3.1.3.1.10 of ISO 5053:1987); i) pallet trucks (see 3.1.3.2.1 of ISO 5053:1987); j) bi-directional (see 3.6.1.1 of ISO 5053:1987) and multidirectional trucks (see 3.6.1.2 of ISO 5053:1987); k) tractors with a drawbar pull up to and including 20 000 N (see 3.1.2.1 of ISO 5053:1987); l) industrial trucks powered by battery, diesel, gasoline, or LPG; m) rough terrain counterbalanced trucks (see 3.1.3.1.8 of ISO 5053:1987). This part of ISO 3691 does not cover those requirements to reduce hazards which may occur:

Keel en

Asendab EVS-EN 1459:1999; EVS-EN 1726-1:1999; EVS-EN 1551:2000

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

UUED STANDARDID

CEN/TR 13688:2008

Hind 132,00

Identne CEN/TR 13688:2008

Packaging - Material recycling - Report on requirements for substances and materials to prevent a sustained impediment to recycling

This Report provides some examples of substances and materials that may cause a sustained impediment in the recycling activities, and is intended to assist in the assessment requirements set out in the standard EN 13430. It describes substances or materials which cause problems or inhibit the recycling process, or which have a negative influence on the quality of recycled material, and for which it is considered that technological solutions will not be developed in the near future. These examples are however qualified by the fact that the recycling operations can vary from region to region and state to state, that technology is constantly changing, and that the use to which the recycled material is put will also determine whether such substances and materials are a problem.

Keel en

EVS-EN 415-7:2006+A1:2008

Hind 305,00

Identne EN 415-7:2006+A1:2008

Pakkemasinate ohutus. Osa 7: Grupi- ja sekundaarpakendamismasinad KONSOLIDEERITUD TEKST

This European Standard applies to the following groups of machines:Group and secondary packaging machines and the collating systems associated with them. The individual machines are described in 3.2 of this European Standard. This European Standard deals with safety requirements for machine design, construction, installation, commissioning, operation, adjustment, maintenance and leaning of group and secondary packaging machines.

Keel en

Asendab EVS-EN 415-7:2006

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 415-7:2006

Identne EN 415-7:2006

Pakkemasinate ohutus. Osa 7: Grupi- ja sekundaarpakendamismasinad

This European Standard applies to the following groups of machines:Group and secondary packaging machines and the collating systems associated with them. The individual machines are described in 3.2 of this European Standard. This European Standard deals with safety requirements for machine design, construction, installation, commissioning, operation, adjustment, maintenance and leaning of group and secondary packaging machines.

Keel en

Asendatud EVS-EN 415-7:2006+A1:2008

KAVANDITE ARVAMUSKÜSITLUS

EN 415-1:2000/prA1

Identne EN 415-1:2000/prA1:2008

Tähtaeg 29.11.2008

Pakkemasinate ohutus. Osa 1: Pakkemasinate ja tarvikute terminoloogia ja klassifikatsioon

This European standard defines the field of packaging machines in detail in clause 3, but briefly these are: filling and dosing machines; closing machines; labelling, decorating and coding machines; fill and seal machines; inspection machines; container and componenthandling machines; form, fill and seal machines; cartoning machines; wrapping machines; group of transit packaging machines; pallet or loading unit forming, dismantling and securing machines.

Keel en

prEN 15507

Identne prEN 15507:2008

Tähtaeg 30.10.2008

Packaging - Transport packaging for dangerous goods - Comparative material testing of polyethylene grades

This European Standard specifies material parameters, test requirements and procedures for the comparative testing of grades of high molecular weight high density polyethylene (PE-HD-HMW) and medium molecular weight high density polyethylene (PE-HD-MMW), used for the manufacture of packagings and IBCs for the transport of dangerous goods. It is intended to be used in conjunction with selective testing for packagings for liquids. The standard is not intended to be used for comparative testing of recycled plastics material.

Keel en

59 TEKSTIILI- JA NAHATEHNOLOOGIA

UUED STANDARDID

CEN/TS 15398:2008

Hind 171,00

Identne CEN/TS 15398:2008

Resilient, textile and laminate floor coverings - Floor covering standard symbols

This document establishes a system of graphic symbols for use in the marking of the following floor coverings and specifies the use of these symbols: - resilient floor coverings manufactured from plastics, linoleum, cork or rubber, excluding loose-laid mats; - textile floor coverings, excluding loose-laid mats; - laminate floor coverings; - floor panels for loose laying.

Keel en

Asendab CEN/TS 15398:2006

EVS-EN 1318:2006/AC:2007

Hind 0,00

Identne EN 1318:2005/AC:2007

Textile floor coverings - Determination of the apparent effective thickness of the backing

Keel en

EVS-EN ISO 105-C08:2003/A1:2008

Hind 84,00

Identne EN ISO 105-C08:2002/A1:2008

ja identne ISO 105-C08:2001/Amd 1:2006

Textiles - Tests for colour fastness - Part C08: Colour fastness to domestic and commercial laundering using a non-phosphate reference detergent incorporating a low temperature bleach activator - Amendment 1

This part of ISO 105 specifies methods intended for determining the resistance of the colour of textiles of all kinds and in alla forms to domestic or commercial laundering procedures used for normal household articles using a reference detergent incorporating a low temperature bleach activator

Keel en

EVS-EN ISO 105-E05:2006/AC:2007

Hind 0,00

Identne EN ISO 105-E05:2006/AC:2007

ja identne ISO 105-E05:2006

Textiles - Tests for colour fastness - Part E05: Colour fastness to spotting: Acid

Keel en

EVS-EN ISO 105-E06:2006/AC:2007

Hind 0,00

Identne EN ISO 105-E06:2006/AC:2007

ja identne ISO 105-E06:2006

Textiles - Tests for colour fastness - Part E06: Colour fastness to spotting: Alkali

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

CEN/TS 15398:2006

Identne CEN/TS 15398:2006

Resilient, textile and laminate floor coverings - Floor covering standard symbols

This document establishes a system of graphic symbols for use in the marking of the following floor coverings and specifies the use of these symbols.— Resilient floor coverings manufactured from plastics, linoleum, cork or rubber, excluding loose-laid mats; — textile floor coverings, excluding loose-laid mats; — laminate floor coverings; — floor panels for loose laying.

Keel en

Asendatud CEN/TS 15398:2008

KAVANDITE ARVAMUSKÜSITLUS

prEN ISO 105-J03

Identne prEN ISO 105-J03:2008

ja identne ISO/DIS 105-J03:2008

Tähtaeg 30.10.2008

Tekstiil. Värvipüsivuse katsetamine. Osa J03: Värvuse erinevuse arvutamine

This part of ISO 105 provides a method of calculating the colour difference between two specimens of the same material, measured under the same conditions, such that the numerical value $\Delta Ecmc(l:c)$ for the total colour difference quantifies the extent to which the two specimens do not match. It permits the specification of a maximum value (tolerance) which depends only on the closeness of match required for a given end-use and not on the colour involved, nor on the nature of the colour difference. The method also provides a means for establishing the ratio of differences in lightness to chroma and to hue.

Keel en

Asendab EVS-EN ISO 105-J03:2000

61 RÕIVATÖÖSTUS

UUED STANDARDID

CEN ISO/TR 20573:2008

Hind 104,00

Identne CEN ISO/TR 20573:2008

ja identne ISO/TR 20573:2006

Footwear - Performance requirements for components for footwear - Heels and top pieces

This Technical Report establishes the performance requirements for heel and top piece components for footwear (not for finished footwear), irrespective of the material, in order to assess the suitability for the end use and/or fitness for purpose. It also establishes the test methods used to evaluate the compliance with the requirements. This Technical Report applies to heel and top piece for all kind of footwear as defined in Clause 3. This Technical Report is intended to be used as a reference between the manufacturer and the supplier. It is not intended for third party certification of finished footwear intended for the consumer.

Keel en

EVS-EN 60335-2-28:2003/A1:2008

Hind 73,00

Identne EN 60335-2-28:2003/A1:2008

ja identne IEC 60335-2-28:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-28: Erinõuded õmblusmasinatele

Deals with the safety of electric sewing machines for household and similar use, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.Overlock machines and electrical sets are within the scope of the standard. Is to be used in conjunction with IEC 335-1 (third edition).

Keel en

65 PÕLLUMAJANDUS

UUED STANDARDID

CEN/TS 15749:2008

Hind 151,00

Identne CEN/TS 15749:2008

Fertilizers - Determination of sulfates content using three different methods

This document specifies three different methods (Methods A, B and C) for the determination of sulfur present in fertilizers extracts in the form of sulfates. Method A specifies the gravimetric procedure. Method B specifies the method using inductively coupled plasma optical spectrometry (ICP-OES). Method C specifies the method using ion chromatography (IC).

Keel en

EVS-EN 14268:2005/AC:2007

Hind 0,00

Identne EN 14268:2005/AC:2007

Irrigation techniques - Meters for irrigation water

Keel en

EVS-EN 15451:2008

Hind 123,00

Identne EN 15451:2008

Fertilizers - Determination of chelating agents - Determination of iron chelated by EDDHSA by ion pair chromatography

This European Standard specifies a method for the chromatographic determination of the total amount of iron chelated by EDDHSA in commercial products.

Keel en

Asendab CEN/TS 15451:2006

EVS-EN 15452:2008

Hind 113,00

Identne EN 15452:2008

Fertilizers - Determination of chelating agents - Determination of iron chelated by o,p-EDDHA by reversed phase HPLC

This European Standard specifies a method for the chromatographic determination of the amount of iron chelated by each of the individual isomers of the chelating agent ortho-para EDDHA (o,p-EDDHA) in fertilizers. The method allows the identification of this chelating agent and the determination of the water soluble fraction of iron chelated by this chelating agent. The method is not applicable for the determination of the amount of free chelating agent.

Keel en

Asendab CEN/TS 15452:2006

EVS-EN ISO 13906:2008

Hind 141,00

Identne EN ISO 13906:2008

ja identne ISO 13906:2008

Loomasöödad. ADF (happelahustuv kiudaine) ja ADL (happelahustuv ligniin) sisalduse määramine

This International Standard specifies a method for the determination of acid detergent fibre (ADF) insoluble residue and acid detergent lignin (ADL) in all types of animal feeding stuffs. The limit of determination is 1 % mass fraction for ADF and 1,5 % mass fraction for ADL. A gravimetric routine and reference method is used.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

CEN/TS 15451:2006

Identne CEN/TS 15451:2006

Fertilizers - Determination of chelating agents - Determination of iron chelated by EDDHSA by ion pair chromatography

This Technical Specification specifies a method for the chromatographic determination of the total amount of iron chelated by EDDHSA in commercial products.

Keel en

Asendatud EVS-EN 15451:2008

CEN/TS 15452:2006

Identne CEN/TS 15452:2006

Fertilizers - Determination of chelating agents - Determination of iron chelated by o,p-EDDHA by reversed phase HPLC

This Technical Specification specifies a method for the chromatographic determination of the amount of iron chelated by each of the individual isomers of the chelating agent ortho-para EDDHA (o,p-EDDHA) in fertilizers. The method allows the identification of this chelating agent and the determination of the water soluble fraction of iron chelated by this chelating agent.

Keel en

Asendatud EVS-EN 15452:2008

KAVANDITE ARVAMUSKÜSITLUS

EN 709:1999/prA3

Identne EN 709:1997/prA3:2008

Tähtaeg 30.10.2008

Põllumajandus- ja metsatöömasinad. Püstijalu juhitavad traktorid pöörlevate külgemonteeritavate kultivaatoritega, mootorkobestid, vedavate ratastega mootorkobestid. Ohutus

Käesolev Euroopa standard määrab kindlaks püstijalu juhitavate, pöörlevate külgemonteeritavate kultivaatoritega traktorite, mille kultivaatori pöörlemistelg on masina liikumissuuna suhtes vertikaalne või horisontaalne, ning mootorkobestite ja vedavate ratastega mootorkobestite konstruktsioonile ning tarindusele esitatavad ohutusnõuded ning testimiskorra, kui neid kõiki kasutatakse põllumajanduses, metsamajanduses, maastikuhooldusel ja aiapidamisel (kaasa arvatud harrastuskasutamine).

Keel en

EN 12733:2002/prA1

Identne EN 12733:2001/prA1:2008

Tähtaeg 30.10.2008

Põllumajandus- ja metsatöömasinad. Järelkõnniidukid. Ohutus

This European Standard specifies safety requirements and their verification for design and construction of pedestrian controlled motor mowers with rotary or reciprocating cutting blades used in agricultural, forestry and landscaping to cut and/or mulch grass or similar plants or scrub and woody vegetation.

Keel en

EN 14930:2007/prA1

Identne EN 14930:2007/prA1:2008

Tähtaeg 30.10.2008

Põllumajandusmasinad ja metsamajandusmasinad ja aiapidamisseadmed. Kõndimisel juhitavad ja käeskantavad masinad. Masina kuumadele osadele ebasoovitava juurdepääsu kindlaksmääramine

This European Standard specifies a method for combustion engine driven pedestrian controlled and handheld machines with or without back pack power unit used in agriculture, forestry and gardening to determine those parts of the surfaces identified by the product specific standards that are hot surfaces and can be touched unintentionally by an operator during normal operation.

Keel en

prCEN/TS 15705

Identne prCEN/TS 15705:2008

Tähtaeg 30.10.2008

Fertilizers - Determination of urea condensates using high-performance liquid chromatography (HPLC) - Isobutylidenediurea and crotonylidenediurea (method A) and methylen-urea oligomers (method B)

This document specifies methods for the determination of isobutylidenediurea (IBDU), crotonylidenediurea (CDU) (method A) and methylene-urea oligomers (MU) (method B) in fertilizers using high-performance liquid chromatography (HPLC). The method is applicable for all fertilizers which do not contain interfering organic compounds.

Keel en

prEN 13732

Identne prEN 13732:2008

Tähtaeg 30.10.2008

Toidutöötlemismasinad. Kogutud piima jahutid farmides. Valmistamise, jõudluse, kasutuskõlbulikkuse, ohutuse ja hügieeninõuded

This European Standard specifies requirements for design, performance, safety and hygiene of refrigerated bulk bovine milk coolers and the related methods of test. This standard deals with all significant hazards, hazardous situations and events relevant to bulk milk coolers on farm, when they are used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). It applies to refrigerated bulk milk tanks with air cooled condensing units and automatic control intended for installation on farms or at milk collecting points. It applies to tanks for two milkings (24 h), four milkings (48 h) and six milkings (72 h), in which the cooling takes place totally (non pre-cooled milk) or partially (in case of pre-cooled milk) within the tank.

Keel en

Asendab EVS-EN 13732:2003

prEN ISO 11545

Identne prEN ISO 11545:2008

ja identne ISO/DIS 11545:2008

Tähtaeg 29.11.2008

Agricultural irrigation equipment - Centre-pivot and moving lateral irrigation machines with sprayer or sprinkler nozzles - Determination of uniformity of water distribution

This International Standard specifies an in-field method for determining the uniformity of water distribution in the field from centre-pivot and moving lateral irrigation machines equipped with sprayer or sprinkler nozzles. The calculation of the coefficient of uniformity is also specified. This International Standard is applicable to irrigation machines for which the water application device is more than 1,5 m above the soil surface and for which the water distribution from successive devices overlaps. This International Standard is not applicable to the evaluation of centre-pivot irrigation machines equipped with various corner arm application devices.

Keel en

Asendab EVS-EN ISO 11545:2002

prEN ISO 12099

Identne prEN ISO 12099:2008

ja identne ISO/DIS 12099:2008

Tähtaeg 29.11.2008

Animal feedstuffs, cereals and milled cereal products - Guidelines for the application of near infrared spectrometry

This International Standard provides guidance for the determination by Near Infrared Spectroscopy of constituents such as moisture, fat, protein, starch and crude fibre and parameters such as digestibility in animal feeding stuff, cereals and milled cereal products. The determinations are based on spectrometric measurement in the near infrared spectral region.

Keel en

67 TOIDUAINETE TEHNOLOOGIA

UUED STANDARDID

EVS-EN 15585:2008

Hind 104,00

Identne EN 15585:2008

Cereals and cereal products - Durum wheat (T. durum Desf.) - Determination of percentage of mitadine grains and calculation of percentage of vitreous grains

This European Standard specifies a reference method for the determination of the proportion of mitadine grains, applicable exclusively to durum wheat (Triticum durum Desf.).

Keel en

EVS-EN 15587:2008

Hind 162,00

Identne EN 15587:2008

Cereals and cereal products - Determination of Besatz in wheat(Triticum aestivum L.), durum wheat (Triticum durum Desf.), rye(Secale cereale L.) and feed barley (Hordeum vulgare L.)

This European Standard specifies the term Besatz (impurities) and describes methods for the determination of its components. The term Besatz is used as a parameter for certain quality aspects in wheat (Triticum aestivum L.), durum wheat (Triticum durum Desf.), rye (Secale cereale L.) and feed barley (Hordeum vulgare L.).

Keel en

EVS-EN ISO 664:2008

Hind 104,00

Identne EN ISO 664:2008

ja identne ISO 664:2008

Õliseemned. Laboriproovide vähendamine katseproovideks

See rahvusvaheline standard esitab menetluse, kuidas saada katseproovi õliseemnete laboriproovist.

Keel en

Asendab EVS-EN ISO 664:2000

EVS-EN ISO 734-2:2008

Hind 95,00

Identne EN ISO 734-2:2008

ja identne ISO 734-2:2008

Oilseed meals - Determination of oil content - Part 2: Rapid extraction method

This part of ISO 734 specifies an extraction method which may be used to assess the efficiency of a de-oiling process by comparing the oil content of the oilseed with the residual oil content of the corresponding extraction meals, pellets and expeller cakes. It is not applicable to disputed cases, for which ISO 734-1 is applicable. It is applicable to oilseed meals obtained from oilseeds by expelling or by extraction with a solvent, as well as to the pellets made from the residues.

Keel en

Asendab EVS-EN ISO 734-2:2001

EVS-EN ISO 8420:2002/AC:2008

Hind 0,00

Identne EN ISO 8420:2002/AC:2008

ja identne ISO 8420:2002/Cor 1:2004

Animal and vegetable fats and oils - Determination of content of polar compounds

Keel en

EVS-EN ISO 8534:2008

Hind 104,00

Identne EN ISO 8534:2008

ja identne ISO 8534:2008

Loomsed ja taimsed rasvad ja õlid. Veesisalduse määramine. Karl Fischeri meetod (püridiinivaba)

This International Standard specifies a method for the determination of the water content of animal and vegetable fats and oils (hereinafter referred to as fats) using Karl Fischer apparatus and a reagent which is free of pyridine.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN ISO 664:2000

Identne EN ISO 664:1995

ja identne ISO 664:1990

Õliseemned. Laboriproovide vähendamine katseproovideks

See rahvusvaheline standard esitab menetluse, kuidas saada katseproovi õliseemnete laboriproovist.

Keel en

Asendatud EVS-EN ISO 664:2008

EVS-EN ISO 734-2:2001

Identne EN ISO 734-2:2000

ja identne ISO 734-2:1998

Oilseed residues - Determination of oil content - Part 2: Rapid extraction method

This part of EN ISO 734 specifies an extraction method which may be used to assess the efficiency of a de-oiling process by comparing the oil content of the oilseed with the residual oil content of the corresponding extraction meals, pellets and expeller cakes.

Keel en

Asendatud EVS-EN ISO 734-2:2008

KAVANDITE ARVAMUSKÜSITLUS

EN 1672-2:2005/prA1

Identne EN 1672-2:2005/prA1:2008

Tähtaeg 30.10.2008

Toidutöötlemismasinad. Põhimõisted. Osa 2: Hügieeninõuded

This document specifies common hygiene requirements for machinery used in preparing and processing food for human and, where relevant, animal consumption to eliminate or minimise the risk of contagion, infection, illness or injury arising from this food.

Keel en

prEN 13732

Identne prEN 13732:2008

Tähtaeg 30.10.2008

Toidutöötlemismasinad. Kogutud piima jahutid farmides. Valmistamise, jõudluse, kasutuskõlbulikkuse, ohutuse ja hügieeninõuded

This European Standard specifies requirements for design, performance, safety and hygiene of refrigerated bulk bovine milk coolers and the related methods of test. This standard deals with all significant hazards, hazardous situations and events relevant to bulk milk coolers on farm, when they are used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). It applies to refrigerated bulk milk tanks with air cooled condensing units and automatic control intended for installation on farms or at milk collecting points. It applies to tanks for two milkings (24 h), four milkings (48 h) and six milkings (72 h), in which the cooling takes place totally (non pre-cooled milk) or partially (in case of pre-cooled milk) within the tank.

Keel en

Asendab EVS-EN 13732:2003

prEN 15845

Identne prEN 15845:2008

Tähtaeg 30.10.2008

Paper and board - Determination of the cytotoxicity of aqueous extracts

This document specifies a test method for the laboratory assessment of the potential cytotoxic effect of paper and board materials. This test method is intended to assess wet contact with food simulant.

Keel en

prEN 15850

Identne prEN 15850:2008

Tähtaeg 30.10.2008

Foodstuffs - Determination of zearalenone in barley, maize and wheat flour, polenta and cereal based foods for infants and young children - HPLC method with immunoaffinity column cleanup and fluorescence detection

This draft European Standard specifies a method for the determination of zearalenone by high performance liquid chromatography (HPLC) with immunoaffinity cleanup. This method has been validated in a collaborative study via the analysis of samples of barley, maize, wheat, polenta and maize based baby food ranging from 10 µg/kg to 335 µg/kg, and of samples of cereal based foods for infants and young children ranging from 9 µg/kg to 44 µg/kg.

Keel en

prEN 15851

Identne prEN 15851:2008

Tähtaeg 30.10.2008

Foodstuffs - Determination of aflatoxin B1 in cereal based foods for infants and young children - HPLC method with immunoaffinity column cleanup and fluorescence detection

This draft European Standard specifies a method for the determination of aflatoxin B1 in baby food by high performance liquid chromatography (HPLC) with immunoaffinity cleanup. This method has been validated in a collaborative study via the analysis of both naturally contaminated samples ranging from 0,07 µg/kg to 0,17 µg/kg, and spiked samples ranging from 0,10 µg/kg to 0,18 µg/kg. The limit of quantification of the method is 0,05 µg/kg (value derived from in-house and collaborative study), depending on the equipment used.

Keel en

prEN 15861

Identne prEN 15861:2008

Tähtaeg 30.10.2008

Food processing machinery - Smoke facilities - Safety and hygiene requirements

This standard covers smoke houses for commercial use and accessories. In this standard is specified, which hazards are covered. For other hazards, which are not covered by this standard, smoke houses shall, as applicable, be according to EN ISO 12100-1:2003.

Keel en

71 KEEMILINE TEHNOLOOGIA

UUED STANDARDID

EVS-EN 12672:2008

Hind 141,00

Identne EN 12672:2008

Chemicals used for treatment of water intended for human consumption - Potassium permanganate

This European Standard is applicable to potassium permanganate used for treatment of water intended for human consumption. It describes the characteristics of potassium permanganate and specifies the requirements and the corresponding test methods for potassium permanganate. It gives information on its use in water treatment.

Keel en

Asendab EVS-EN 12672:2000

EVS-EN 12678:2008

Hind 162,00

Identne EN 12678:2008

Chemicals used for treatment of water intended for human comsumption - Potassium peroxomonosulfate

This European Standard is applicable to potassium peroxomonosulfate used for treatment of water intended for human consumption. It describes the characteristics of potassium peroxomonosulfate and specifies the requirements and the corresponding test methods for potassium peroxomonosulfate. It gives information on its use in water treatment.

Keel en

Asendab EVS-EN 12678:2000

EVS-EN 12931:2008

Hind 180,00

Identne EN 12931:2008

Chemicals used for treatment of water intended for human consumption - Chemicals for emergency use - Sodium dichloriosocyanurate, anhydrous

This European Standard is applicable to sodium dichloroisocyanurate anhydrous used for emergency treatment of water intended for human consumption. It describes the characteristics of sodium dichloroisocyanurate anhydrous and specifies the requirements and the corresponding test methods for sodium dichloroisocyanurate anhydrous. It gives information on its use in water treatment. It also determines the rules relating to safe handling and use of sodium dichloroisocyanurate anhydrous (see Annex B).

Keel en

Asendab EVS-EN 12931:2000

EVS-EN 12932:2008

Hind 180,00

Identne EN 12932:2008

Chemicals used for water intended for human consumption - Chemicals for emergency use - Sodium dichloroisocyanurate, dihydrate

This European Standard is applicable to sodium dichloroisocyanurate dihydrate used for emergency treatment of water intended for human consumption. It describes the characteristics of sodium dichloroisocyanurate dihydrate and specifies the requirements and the corresponding test methods for sodium dichloroisocyanurate dihydrate. It gives information on its use in water treatment. It also determines the rules relating to safe handling and use of sodium dichloroisocyanurate dihydrate (see Annex B).

Keel en

Asendab EVS-EN 12932:2000

EVS-EN 13176:2008

Hind 141,00

Identne EN 13176:2008

Chemicals used for treatment of water intended for human consumption - Ethanol

This European Standard is applicable to synthetic ethanol used for treatment of water intended for human consumption. It describes the characteristics of synthetic ethanol and specifies the requirements and the corresponding test methods for synthetic ethanol. It gives information on its use in water treatment. NOTE This European Standard does not apply to anhydrous ethanol which is not used for drinking water treatment.

Keel en

Asendab EVS-EN 13176:2000

EVS-EN 13194:2008

Hind 151,00

Identne EN 13194:2008

Chemicals used for treatment of water itended for human consumption - Acetic acid

This European Standard is applicable to acetic acid used for treatment of water intended for human consumption. It describes the characteristics of acetic acid and specifies the requirements and the corresponding test methods for acetic acid. It gives information on its use in water treatment.

Keel en

Asendab EVS-EN 13194:2000

EVS-EN 14035-19:2003/AC:2006

Hind 0,00

Identne EN 14035-19:2003/AC:2006

Fireworks - Part 19: Hand-held sparklers - Specification and test methods

Keel en

EVS-EN 14805:2008

Hind 190,00

Identne EN 14805:2008

Chemicals used for treatment of water intended for human consumption - Sodium chloride for on site electrochlorination using non-membrane technology

This European Standard is applicable to sodium chloride intended for on site electrochlorination of water intended for human consumption using non-membrane technology. It describes the characteristics and specifies the requirements and the corresponding test methods for sodium chloride (see Annex B). It gives information on its use in water treatment.

Keel en

EVS-EN 15527:2008

Hind 199,00

Identne EN 15527:2008

Characterization of waste - Determination of polycyclic aromatic hydrocarbons (PAH) in waste using gas chromatography mass spectrometry (GC/MS)

This European Standard specifies the quantitative determination of 16 polynuclear aromatic hydrocarbons (PAH) according to the priority list of the Environmental Protection Agency (EPA, 1982). This European Standard is applicable for wastes such as contaminated soil, sludge and rubble, bitumen or waste containing bitumen. This European Standard describes a gas chromatographic method with mass spectrometric detection (GC-MS). Under the conditions specified in this document, a typical lower limit of application of 0,1 mg/kg for each individual PAH can be achieved.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 12672:2000

Identne EN 12672:2000

Chemicals used for treatment of water intended for human consumption - Potassium permanganate

This European Standard is applicable to potassium permanganate used for treatment of water intended for human consumption. It describes the characteristics of potassium permanganate and specifies the requirements and the corresponding test methods for potassium permanganate. It gives information on its use in water treatment.

Keel en

Asendatud EVS-EN 12672:2008

EVS-EN 12678:2000

Identne EN 12678:2000

Chemicals used for treatment of water intended for human comsumption - Potassium peroxomonosulfate

This European Standard is applicable to potassium peroxomonosulfate used for treatment of water intended for human consumption. It describes the characteristics of potassium peroxomonosulfate and specifies the requirements and the corresponding test methods for potassium peroxomonosulfate. It gives information on its use in water treatment.

Keel en

Asendatud EVS-EN 12678:2008

EVS-EN 12931:2000

Identne EN 12931:2000

Chemicals used for treatment of water intended for human consumption - Chemicals for emergency use - Sodium dichloriosocyanurate, anhydrous

This European Standard is applicable to anhydrous sodium dichloroisocyanurate used for emergency treatment of water intended for human consumption. It describes the characteristics of anhydrous sodium dichloroisocyanurate and specifies the requirements and the corresponding test methods for anhydrous sodium dischlorisocyanurate. It gives information on its use in water treatment.

Keel en

Asendatud EVS-EN 12931:2008

EVS-EN 12932:2000

Identne EN 12932:2000

Chemicals used for treatment of water intended for human consumption - Chemicals for emergency use - Sodium dichlorisocyanurate, dihydrate

This European Standard is applicable to sodium dichloroisocyanurate dihydrate used for emergency treatment of water intended for human consumption. It describes the characteristics of sodium dichloroisocyanurate dihydrate and specifies the requirements and the corresponding test methods for sodium dischlorisocyanurate dihydrate. It gives information on its use in water treatment.

Keel en

Asendatud EVS-EN 12932:2008

EVS-EN 13176:2000

Identne EN 13176:2000

Chemicals used for treatment of water intended for human consumption - Ethanol

This European Standard is applicable to synthetic ethanol used for treatment of water intended for human consumption. It describes the characteristics of synthetic ethanol and specifies the requirements and the corresponding test methods for synthetic ethanol. It gives information on its use in water treatment.

Keel en

Asendatud EVS-EN 13176:2008

EVS-EN 13194:2000

Identne EN 13194:2000

Chemicals used for treatment of water itended for human consumption - Acetic acid

This European Standard is applicable to acetic acid used for treatment of water intended for human consumption. It describes the characteristics of acetic acid and specifies the requirements and the corresponding test methods for acetic acid. It gives information on its use in water treatment.

Keel en

Asendatud EVS-EN 13194:2008

KAVANDITE ARVAMUSKÜSITLUS

EN 12547:1999/prA1

Identne EN 12547:1999/prA1:2008

Tähtaeg 30.10.2008

Tsentrifuugid. Üldised ohutusnõuded

This European Standard applies to centrifuges aiming at separation of liquid/liquid/solid/solid or at least two of these substances. It gives requirements to minimise the risks caused by the hazards specified in 1.2.

Keel en

prEN 899

Identne prEN 899:2008

Tähtaeg 30.10.2008

Chemicals used for treatment of water intended for human consumption - Sulfuric acid

This European standard is applicable to sulphuric acid used for treatment of water intended for human consumption. It describes the characteristics of sulphuric acid and specifies the requirements and the corresponding test methods for sulphuric acid. It gives information on its use in water treatment.

Keel en

Asendab EVS-EN 899:2003

prEN 12903

Identne prEN 12903:2008

Tähtaeg 30.10.2008

Products used for treatment of water intended for human consumption - Powdered activated carbon

This European Standard is applicable to powdered activated carbon used for treatment of water intended for human consumption. It describes the characteristics of powdered activated carbon and specifies the requirements and the corresponding test methods for powdered activated carbon. It gives information on its use in water treatment.

Keel en

Asendab EVS-EN 12903:2003

prEN 12907

Identne prEN 12907:2008

Tähtaeg 30.10.2008

Products used for treatment of water intended for human consumption - Pyrolysed coal material

This European Standard is applicable to pyrolyzed coal material used for treatment of water intended for human consumption. It describes the characteristics of pyrolyzed coal material and specifies the requirements and the corresponding test methods for pyrolyzed coal material. It gives information on its use in water treatment.

Keel en

Asendab EVS-EN 12907:2003

prEN ISO 10156

Identne prEN ISO 10156:2008

ja identne ISO/DIS 10156:2008

Tähtaeg 30.10.2008

Gases and gas mixtures - Determination of fire potential and oxidizing ability for the selection of cylinder valve outlets

This International Standard specifies methods for determining whether or not a gas or gas mixture is flammable in air and whether a gas or gas mixture is more or less oxidizing than air under atmospheric conditions. This International Standard is intended to be used for the classification of gases and gas mixtures including the selection of gas cylinder valve outlets. This International Standard does not cover the safe preparation of these mixtures under pressure and at temperatures other than ambient.

Keel en

Asendab EVS-EN ISO 10156-2:2005; EVS-EN 720-2:1999

prEN ISO 10991

Identne ISO/DIS 10991:2008

ja identne prEN ISO 10991:2008

Tähtaeg 29.11.2008

Micro process engineering - Terminology

This International Standard gives terms and definitions for micro process engineering applied in chemistry, pharmacy, biotechnology and food technology. This vocabulary is drafted in accordance with the principles layed down in ISO 704 [1] and has been prepared and designed in accordance with ISO 10241 [2].

Keel en

73 MÄENDUS JA MAAVARAD

UUED STANDARDID

EVS-EN 14591-1:2004/AC:2006

Hind 0,00

Identne EN 14591-1:2004/AC:2006

Plahvatuse vältimine ja kaitse allamaakaevanduses. Kaitsesüsteemid. Osa 1: 2-baarist plahvatust taluv ventilatsioonikonstruktsioon

Keel en

75 NAFTA JA NAFTATEHNOLOOGIA

UUED STANDARDID

EVS-EN 228:2008

Hind 104,00

Identne EN 228:2008

Autokütused. Pliivaba bensiin. Nõuded ja katsemeetodid

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

Keel en

Asendab EVS-EN 228:2004

EVS-EN ISO 10426-6:2008

Hind 104,00

Identne EN ISO 10426-6:2008

ja identne ISO 10426-6:2008

Nafta- ja maagaasitööstused. Tsemendid ja materjalid kaevude tsementeerimiseks. Osa 6: Tsemendi koostisesse kuuluva staatilise geeli tugevuse määramise meetodid

This part of ISO 10426 specifies requirements and provides test methods for the determination of static gel strength (SGS) of cement slurries and related materials under simulated well conditions.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 228:2004

Identne EN 228:2004 + AC:2005

Autokütused. Pliivaba bensiin. Nõuded ja katsemeetodid

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

Keel et

Asendab EVS-EN 228:2002

Asendatud EVS-EN 228:2008

KAVANDITE ARVAMUSKÜSITLUS

prCEN/TR 15367-3

Identne prCEN/TR 15367-3:2008

Tähtaeg 30.10.2008

Petroleum products - Guide for good housekeeping - Part 3: Prevention of cross contamination

This document provides general guidance on automotive fuel handling. It does not pre-empt national or local regulations. It only addresses the issue of cross contamination between petrol and diesel automotive fuels that may occur in the supply chain, during manufacturing, storage, transportation or distribution. There may also be a risk of contamination with other products such as kerosene/jet fuel and off road diesel. The guidance principles described in this document would apply equally to managing these risks although some details may be different.

Keel en

prEN 1594

Identne prEN 1594:2008

Tähtaeg 30.10.2008

Gaasivarustussüsteemid. Torustikud maksimaalse töörõhuga üle 16 bar. Talituslikud nõuded

This European Standard is applicable to pipelines with a maximum operating pressure (MOP) over 16 bar for the carriage of processed, non-toxic and non-corrosive natural gas according to EN ISO 13686 in onland gas supply systems, where: - the pipeline elements are made of unalloyed or low-alloyed carbon steel; - the pipeline elements are joined by welds, flanges or mechanical couplings; - the pipeline is not located within commercial or industrial premises as an integral part of the industrial process on these premises except for any pipelines and facilities supplying such premises; - the design temperature of the system is between -40 ˚C and 120 ˚C inclusive; The standard apply to onshore pipeline systems from the point where the pipeline first crosses what is normally accepted as battery limit between on and offshore, e.g.: - first isolation valve; - the base of steep sea shelf; - above the high water/low water mark onto mainland; - an island.

Keel en

Asendab EVS-EN 1594:2007

prEN 14078

Identne prEN 14078:2008

Tähtaeg 30.10.2008

Vedelad naftasaadused. Rasvhappe metüülestrite (FAME) määramine keskmistes destillaatides. Infrapunase spektroskoopia meetod

This European Standard specifies a test method for the determination of Fatty Acid Methyl Ester (FAME) content in diesel fuel or domestic heating fuel by mid infrared spectrometry; which applies to FAME contents of the two measurement ranges as follows - range A: for FAME contents ranging from approx. 0,05 % (V/V) to approx. 3 % (V/V) - range B: for FAME contents ranging from approx. 3 % (V/V) to approx. 20 % (V/V) Principally, higher FAME contents can also be analyzed if diluted; however, no precision data for results outside the specified range is available at present. This test method was verified to be applicable to samples which contain FAME conforming to EN 14214 or EN 14213. Reliable quantitative results are obtained only if the samples do not contain any significant amounts of other interfering components, especially esters and other carbonyl compounds which possess absorption bands in the spectral region used for quantification of FAME. If such interfering components are present, this test method is expected to produce higher values.

Keel en

Asendab EVS-EN 14078:2004

77 METALLURGIA

UUED STANDARDID

CEN/TR 10261:2008

Hind 162,00

Identne CEN/TR 10261:2008

Iron and steel - Review of available methods of chemical analysis

This CEN Technical Report lists, under Clause 2, the European Standards which are currently available for the chemical analysis of steel and iron. In Clause 3, it also provides details of range of application and method principle for each standard. Items which are under preparation as European Standards or as CEN Technical Reports by ECISS/TC 20 are available on the webpage of CEN, through the link http://www.cen.eu/CENORM/Sectors/TechnicalCommitteesWorkshops/CENTechnicalCommittees/WP.asp?param=6357&title=ECISS%2FTC+20. Annex A contains a list of European Standards, CEN Technical Reports and ECISS Information Circulars relevant for chemical analysis of ferrous materials. Annex B contains a list of withdrawn Euronorms, together with the corresponding replacement European Standards. Annex C is a graphical presentation of the concentration ranges for the methods presented in this Technical Report.

Keel en

EVS-EN 1090-3:2008

Hind 305,00

Identne EN 1090-3:2008

Teraskonstruktsioonide ja alumiiniumkonstruktsioonide valmistamine. Osa 3: Tehnilised nõuded alumiiniumkonstruktsioonidele

This European Standard specifies requirements for the execution of aluminium structural components and structures made from: a) rolled sheet, strip and plate; b) extrusions; c) cold drawn rod, bar and tube; d) forgings; e) castings. This European Standard specifies requirements independent of the type and shape of the aluminium structure, and this European Standard is applicable to structures under predominantly static loads as well as structures subject to fatigue. It specifies requirements related to the execution classes that are linked with consequence classes.

Keel en

EVS-EN 10213:2007/AC:2008

Hind 0,00

Identne EN 10213:2007/AC:2008

Surveotstarbeline terasvalu

Keel en

EVS-EN 10216-5:2004/AC:2008

Hind 0,00

Identne EN 10216-5:2008/AC:2008

Surveotstarbelised õmblusteta terastorud. Tehnilised tarnetingimused. Osa 5: Roostevabad terastorud

Keel en

EVS-EN 10340:2007/AC:2008

Hind 0,00

Identne EN 10340:2007/AC:2008

Terasvalu ehituslikuks kasutamiseks

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 508-1:2003

Identne EN 508-1:2000

Lehtmetallist katusetooted. Isekandvate lehtterasest, alumiiniumist ja roostevabast lehtterasest valmistatud toodete spetsifikatsioon. Osa 1: Teras

Standardi EN 508 käesolev osa määrab kindlaks nõuded isekandvatele mittepidevalt paigaldatavatele katusetoodetele, mis on valmistatud metallkattega ning täiendava orgaanilise kattega või katteta lehtterasest. Standard kehtestab toodete üldised parameetrid, määratlused, klassifikatsiooni ning etikettimise koos nõuetega materjalidele, millest neid tooteid võib valmistada. Standard on mõeldud kasutamiseks nii tootjate poolt, tagamaks toodete vastavuse nõuetele, kui ka ostjate poolt, veendumaks, et ostetud tooted vastavad nõuetele enne nende tehasest väljastamist. Standard spetsifitseerib nõuded toodetele, mida on võimalik kasutada kõigis normaalsetes ekspluatatsioonitingimustes. Standard kehtib kõigile mittepidevalt paigaldatavatele isekandvatele väliskasutuse profileeritud katuseplaatidele. Profileeritud katuseplaatide ülesandeks on takistada tuule, vihma ja lume hoonesse sattumist ning edastada kõik summaarsed koormused ja harvaesinevad hoolduskoormused kandekonstruktsioonile. Standard ei sisalda nõudeid kandekonstruktsiooni, katusesüsteemi kujunduse ning ühenduste ja liiteplekkide teostuse kohta.

Keel et

Asendab EVS-EN 508-1:2001

Asendatud EVS-EN 508-1:2008

KAVANDITE ARVAMUSKÜSITLUS

prEN 1676

Identne prEN 1676:2008

Tähtaeg 30.10.2008

Alumiinium ja alumiiniumisulamid. Ümbersulatuseks ette nähtud legeervaluplokid. Tehnilised nõuded

This European Standard defines the requirements for grades of alloyed aluminium ingots intended for remelting. It specifies the classifications and designations applicable to these grades, the conditions in which they are produced, their properties and the marks by which they are identified.

Keel en

Asendab EVS-EN 1676:2000

prEN 1706

Identne prEN 1706:2008

Tähtaeg 30.10.2008

Alumiinium ja alumiiniumisulamid. Valandid. Keemiline koostis ja mehaanilised omadused

This European Standard specifies the chemical composition limits for aluminium casting alloys and mechanical properties of separately cast test pieces for these alloys. Annex B is included as a guide to the selection of alloys for a specific use or process. This European Standard is intended to be used in conjunction with EN 576, EN 1559-1, EN 1559-4, EN 1676, EN ISO 8062-3.

Keel en

Asendab EVS-EN 1706:2000

prEN ISO 15630-1

Identne prEN ISO 15630-1:2008

ja identne ISO/DIS 15630-1:2008

Tähtaeg 30.10.2008

Betooni sarrustamiseks ja pingestamiseks kasutatav teras. Katsemeetodid. Osa 1: Armatuurraud, armatuurvõrk ja armatuurtraat

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

Keel en

Asendab EVS-EN ISO 15630-1:2002

prEN ISO 15630-2

Identne prEN ISO 15630-2:2008

ja identne ISO/DIS 15630-2:2008

Tähtaeg 30.10.2008

Betooni sarrustamiseks ja pingestamiseks kasutatav teras. Katsemeetodid. Osa 2: Keeviskangas

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

Keel en

Asendab EVS-EN ISO 15630-2:2002

prEN ISO 15630-3

Identne prEN ISO 15630-3:2008

ja identne ISO/DIS 15630-3:2008

Tähtaeg 30.10.2008

Betooni sarrustamiseks ja pingestamiseks kasutatav teras. Katsemeetodid. Osa 3: Pingesarrus

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

Keel en

Asendab EVS-EN ISO 15630-3:2002

79 PUIDUTEHNOLOOGIA

UUED STANDARDID

EVS-EN 14761:2006+A1:2008

Hind 151,00

Identne EN 14761:2006+A1:2008

Wood flooring - Solid wood parquet - Vertical finger, wide finger and module brick KONSOLIDEERITUD TEKST

This European Standard specifies the characteristics of solid vertical and wide finger as well as Module brick including the laying units made of softwood or hardwood for internal use as flooring. This standard covers products without surface treatments. This standard covers also treated or untreated elements

Keel en

Asendab EVS-EN 14761:2006

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 14761:2006

Identne EN 14761:2006

Wood flooring - Solid wood parquet - Vertical finger, wide finger and module brick

This European Standard specifies the characteristics of solid vertical and wide finger as well as Module brick including the laying units made of softwood or hardwood for internal use as flooring. This standard covers products without surface treatments. This standard covers also treated or untreated elements

Keel en

Asendatud EVS-EN 14761:2006+A1:2008

KAVANDITE ARVAMUSKÜSITLUS

prEN 1313-1

Identne prEN 1313-1:2008

Tähtaeg 30.10.2008

Ümarpuit ja saematerjal. Lubatud hälbed ja eelismõõtmed. Osa 1: Okaspuu saematerjal

This standard specifies permitted deviations for thickness and widths at a reference moisture content and adjustments for changes in size due to changes in moisture content. Preferred sizes for thicknesses of 38 mm and over are also specified. This standard applies to softwood sawn timber. An informative Annex gives complementary national sizes.

Keel en

Asendab EVS-EN 1313-1:2001

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

UUED STANDARDID

EVS-EN 1094-1:2008

Hind 151,00

Identne EN 1094-1:2008

Tulekindlad isolatsioonitooted. Osa 1: Keraamilisest kiust toodete terminoloogia

This European Standard defines terms for those refractory products and materials which are classed as high temperature insulation wools (HTIW). It also establishes the classification of insulating refractory products made from HTIW and specifies methods for determining the thickness, bulk density, resilience, permanent linear change, tensile strength and moisture and organic matter content of HTIW products. It applies to HTIW bulk wool, blankets, felts, mats, boards, pre-formed shapes and papers, with the exception of products delivered in a wet state. Further test procedures are in development and will be included once they have been ratified. These include a 3 point bend test for boards, a length weighted fibre diameter measurement technique by Scanning Electron Microscope, shot content measurement (dry and wet methods) and thermal conductivity measurement. There is a shot content method described in ISO 10635 and there is a thermal conductivity technique described in ASTM C201.

Keel en

Asendab EVS-EN 1094-1:1999; EVS-EN 1094-3:2003

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 1094-3:2003

Identne EN 1094-3:2003

Insulating refractory products - Part 3: Classification of insulating products made from ceramic fibres

This Part of EN 1094 establishes the classification of insulating refractory products made from ceramic fibres. It applies to blankets, felts, mats, papers, boards and preformed shapes

Keel en

Asendatud EVS-EN 1094-1:2008

EVS-EN 1094-1:1999

Identne EN 1094-1:1997

Tulekindlad isolatsioonitooted. Osa 1: Keraamilisest kiust toodete terminoloogia

See Euroopa standard määratleb terminid, mis käivad keraamilisest kiust toodete hulka liigitatud tulekindlate toodete ja materjalide kohta.

Keel en

Asendatud EVS-EN 1094-1:2008

KAVANDITE ARVAMUSKÜSITLUS

prEN 1007-5

Identne prEN 1007-5:2008

Tähtaeg 30.10.2008

Advanced technical ceramics - Ceramic composites - Methods of test for reinforcements - Part 5: Determination of distribution of tensile strength and of tensile strain to failure of filaments within a multifilament tow at ambient temperature

This European Standard specifies the conditions, apparatus and procedure for determining the distribution of tensile strength and tensile strain to failure of ceramic filaments in multifilament tows at room temperature. This European Standard applies to tows of continuous ceramic filaments, which are assumed to act freely and independently under loading, and behave linearly elastic up to failure.

Keel en

Asendab EVS-EN 1007-5:2003

83 KUMMI- JA PLASTITÖÖSTUS

UUED STANDARDID

EVS-EN 289:2004+A1:2008

Hind 233,00

Identne EN 289:2004+A1:2008

Kummi- ja plastitöötlusmasinad. Pressid. Ohutusnõuded KONSOLIDEERITUD TEKST

This document specifies the essential safety requirements for hydraulic presses, including toggle and hydro-mechanic ones, with a vertical closing movement more than 6 mm for the moulding of plastics and/or rubber. This document covers both compression moulding (see 3.1.1) and transfer moulding (see 3.1.2). All hazards listed in clause 4 are covered by this document. The following machines are excluded: - injection moulding machines (see EN 201); - presses for curing pneumatic tyres; - presses for curing inner tubes and curing bags; - hydraulic presses as covered by EN 693; - mechanical presses as covered by EN 692; - thermoforming machines (see EN 12409); - RIM machines (see EN 1612-1 and EN 1612-2). The safety requirements for the additional hazards arising from the interaction between presses and ancillary equipment especially loading and unloading devices are specified. The safety requirements for the ancillary equipment itself are not specified.

Keel en

Asendab EVS-EN 289:2004

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 289:2004

Identne EN 289:2004

Kummi- ja plastitöötlusmasinad. Pressid. Ohutusnõuded

This document specifies the essential safety requirements for hydraulic presses, including toggle and hydromechanic ones, with a vertical closing movement more than 6 mm for the moulding of plastics and/or rubber.

Keel en

Asendab EVS-EN 289:1999

Asendatud EVS-EN 289:2004+A1:2008

KAVANDITE ARVAMUSKÜSITLUS

prEN 15860

Identne prEN 15860:2008

Tähtaeg 29.11.2008

Plastics - Thermoplastic semi-finished products for machining - Requirements and test methods

This European Standard specifies the requirements and associated test methods that apply to semi-finished products such as rods, hollow bars and plates made from thermoplastic materials. These semi-finished products are used predominantly for the manufacture of finished parts by means of machining.

Keel en

85 PABERITEHNOLOOGIA

UUED STANDARDID

EVS-EN ISO 217:2008

Hind 73,00

Identne EN ISO 217:2008

ja identne ISO 217:2008

Paper - Untrimmed sizes - Designation and tolerances for primary and supplementary ranges, and indication of machine direction

This International Standard specifies a primary range and a supplementary range of untrimmed sizes of paper in sheets which are to be trimmed to the ISO-A series of sizes as given in ISO 216, and establishes a system of designation of untrimmed sizes. This International Standard also specifies the method for the indication of machine direction of untrimmed sizes.

Keel en

Asendab EVS-EN 644:2003

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 644:2003

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

Keel en

Asendatud EVS-EN ISO 217:2008

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

KAVANDITE ARVAMUSKÜSITLUS

EN 12981:2005/prA1

Identne EN 12981:2005/prA1:2008

Tähtaeg 30.10.2008

Pindamisseadmed. Pihustuskambrid orgaanilise pulberkattematerjaliga katmiseks. Ohutusnõuded

This European Standard is applicable to spray booths for spray application of organic coating powder, called in this European Standard “powder spray booths”, i.e. machinery and related equipment for automated and/or manual powder coating application processes.

Keel en

EN 13355:2005/prA1

Identne EN 13355:2004/prA1:2008

Tähtaeg 30.10.2008

Pindamisseadmed. Kombineeritud kabiinid. Ohutusnõuded

This document is applicable to combined booths for the application of organic liquid coating materials by an operator with maximum drying temperature of 100°C and deals with all hazards significant for combined booths, when they are used as intended and under the conditions foreseen by the manufacturer (see clause 4).

Keel en

prEN 50348

Identne prEN 50348:2008

Tähtaeg 30.10.2008

Stationary electrostatic application equipment for non-ignitable liquid coating material - Safety requirements

This European Standard deals with all significant hazards, hazardous situations and events, which are relevant for stationary electrostatic application equipment for non-ignitable liquid coating materials which do not generate an explosive atmosphere inside the spraying area, provided they are used as intended by the manufacturer. This European Standard also specifies the design-related requirements for a safe operation of the stationary equipment, including electrical installations.

Keel en

Asendab EVS-EN 50348:2002

91 EHITUSMATERJALID JA EHITUS

UUED STANDARDID

CEN ISO/TS 21003-7:2008

Hind 132,00

Identne CEN ISO/TS 21003-7:2008

ja identne ISO/TS 21003-7:2008

Multilayer piping systems for hot and cold water installations inside buildings - Part 7: Guidance for the assessment of conformity

This Technical Specification is applicable, in conjunction with the other parts of ISO 21003 (see Foreword), to multilayer piping systems intended to be used for hot and cold water installations inside buildings for the conveyance of water — whether or not the water is intended for human consumption (domestic systems) or for heating systems — under specified design pressures and temperatures appropriate to the class of application (see Table 1 of ISO 21003-1:2008). It gives guidance for the assessment of conformity, to be included in the manufacturer's quality plan as part of the quality system. It includes: - requirements for materials, components, joints and assemblies given in the applicable part(s) of ISO 21003; - requirements for the manufacturer's quality system (e.g. ISO 9001 [2]); - definitions and procedures to be used if third-party certification is involved.

Keel en

EVS-EN 81-3:2001+A1:2008

Hind 286,00

Identne EN 81-3:2001+A1:2008

Liftide valmistamise ja paigaldamise ohutuseeskirjad. Osa 3: Elektrilised ja hüdraulilised teenindusliftid KONSOLIDEERITUD TEKST

This standard specifies the safety rules for the construction and installation of permanently installed new electric lifts with traction or positive drive, or hydraulic service lifts defined as lifting equipment, serving defined landing levels, having a car, the interior of which is regarded as inaccessible to persons on account of its dimensions and means of construction, suspended by ropes or chains or supported by ram and moving between rigid vertical guide rails or guide rails whose inclination to the vertical does not exceed 15° and driven electrically or hydraulically. This standard covers service lifts with rated load not exceeding 300 kilogrammes and not intended to move persons.

Keel en

Asendab EVS-EN 81-3:2001

EVS-EN 115-1:2008

Hind 286,00

Identne EN 115-1:2008

Eskalaatorite ja sõidukonveierite ohutus. Osa 1: Valmistamine ja paigaldamine

1.1 This standard is applicable for new escalators and moving walks (pallet or belt type) as defined in Clause 3. This standard deals with all significant hazards, hazardous situations and events relevant to escalators and moving walks when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). 1.2 This standard does not deal with hazards arising from seismic activities. 1.3 This document is not applicable to escalators and moving walks which were manufactured before the date of its publication as EN. It is, however, recommended that existing installations be adapted to this standard.

Keel en

Asendab EVS-EN 115:1999

EVS-EN 200:2008

Hind 233,00

Identne EN 200:2008

Sanitary tapware - Single taps and combination taps for water supply systems of type 1 and type 2 - General technical specification

This European Standard specifies: a) the field of application for pillar taps, bib taps, single and multi-hole combination taps for use in: 1) a supply system of Type 1 (see Figure 1); 2) a supply system of Type 2 (see Figure 2); b) the dimensional, leaktightness, pressure resistance, hydraulic performance, mechanical strength, endurance and acoustic characteristics of nominal size ½ and ¾ single taps and combination taps; c) test methods to verify the characteristics. The tests described in this European Standard are type tests (laboratory tests) and not quality control tests carried out during manufacture. This European Standard applies to draw-off taps (single taps and combination taps) for use with sanitary appliances installed in rooms used for bodily hygiene (cloakrooms, bathrooms etc.) and in kitchens, i.e. for use with baths, wash basins, bidets, showers and sinks.

Keel en

Asendab EVS-EN 200:2005

EVS-EN 506:2008

Hind 190,00

Identne EN 506:2008

Roofing products from metal sheet - Specification for self-supporting products of copper or zinc sheet

This European Standard specifies requirements for self-supporting roofing products for discontinuous laying made from copper or zinc-copper-titanium alloy sheet with or without additional organic coatings. The standard establishes general characteristics, definitions and labelling for the products, together with requirements for the materials from which the products can be manufactured. It is intended to be used either by manufacturers to ensure that their products comply with the requirements or by purchasers to verify that the products comply before they are despatched from the factory. It specifies the requirements for products which enable them to meet all normal service conditions. The standard applies to all discontinuously laid self-supporting external profiled sheets for roofing with the exception of tiles with a surface area less than 1 m2 and produced by stamping. These profiled roof sheets are designed to keep wind, rain and snow out of the building and to transfer any resultant loads and infrequent maintenance loads to the structure. No requirements for supporting construction, design of roof system and execution of connections and flashings are included.

Keel en

Asendab EVS-EN 506:2001

EVS-EN 508-1:2008

Hind 221,00

Identne EN 508-1:2008

Lehtmetallist katusetooted. Isekandvate lehtterasest, alumiiniumist ja roostevabast lehtterasest valmistatud toodete spetsifikatsioon. Osa 1: Teras

Standardi EN 508 käesolev osa määrab kindlaks nõuded isekandvatele mittepidevalt paigaldatavatele katusetoodetele, mis on valmistatud metallkattega ning täiendava orgaanilise kattega või katteta lehtterasest. Standard kehtestab toodete üldised parameetrid, määratlused, klassifikatsiooni ning etikettimise koos nõuetega materjalidele, millest neid tooteid võib valmistada. Standard on mõeldud kasutamiseks nii tootjate poolt, tagamaks toodete vastavuse nõuetele, kui ka ostjate poolt, veendumaks, et ostetud tooted vastavad nõuetele enne nende tehasest väljastamist. Standard spetsifitseerib nõuded toodetele, mida on võimalik kasutada kõigis normaalsetes ekspluatatsioonitingimustes. Standard kehtib kõigile mittepidevalt paigaldatavatele isekandvatele väliskasutuse profileeritud katuseplaatidele. Profileeritud katuseplaatide ülesandeks on takistada tuule, vihma ja lume hoonesse sattumist ning edastada kõik summaarsed koormused ja harvaesinevad hoolduskoormused kandekonstruktsioonile. Standard ei sisalda nõudeid kandekonstruktsiooni, katusesüsteemi kujunduse ning ühenduste ja liiteplekkide teostuse kohta.

Keel en

Asendab EVS-EN 508-1:2003

EVS-EN 508-2:2008

Hind 199,00

Identne EN 508-2:2008

Roofing products from metal sheet -Specification of self-supporting products of steel, aluminium or stainless steel sheet - Part 2: Aluminium

This part of EN 508 specifies requirements for self-supporting roofing products for discontinuous laying made from aluminium sheet with or without additional organic coatings. The standard establishes general characteristics, definitions, classifications and labelling for the products, together with requirements for the materials from which the products can be manufactured. It is intended to be used either by manufacturers to ensure that their products comply with the requirements or by purchasers to verify that the products comply before they are despatched from the factory. It specifies the requirements for products which enable them to meet all normal service conditions. The standard applies to all discontinuously laid self-supporting external profiled sheets for roofing. These profiled roof sheets are designed to keep wind, rain and snow out of the building, and to transfer any resultant loads and infrequent maintenance loads to the structure. No requirements for supporting construction, design of roof system and execution of connections and flashings are included.

Keel en

Asendab EVS-EN 508-2:2001

EVS-EN 508-3:2008

Hind 199,00

Identne EN 508-3:2008

Roofing products from metal sheet - Specification for self-supporting products of steel, aluminium or stainless steel sheet - Part 3: Stainless steel

This Part of EN 508 specifies requirements for self-supporting roofing products for discontinuous laying made from stainless steel sheet with or without additional metallic and/or organic coatings. The standard establishes general characteristics, definitions, classifications and labelling for the products, together with requirements for the materials from which the products can be manufactured. It is intended to be used either by manufacturers to ensure that their products comply with the requirements or by purchasers to verify that the products comply before they are despatched from the factory. It specifies the requirements for products which enable them to meet all normal service conditions. The standard applies to all discontinuously laid self-supporting external profiled sheets for roofing with the exception of tiles with a surface area less than 1 m2 and produced by stamping. These profiled roof sheets are designed to keep wind, rain and snow out of the building and to transfer any resultant loads and infrequent maintenance loads to the structure. No requirements for supporting construction, design of roof system and execution of connections and flashings are included.

Keel en

Asendab EVS-EN 508-3:2001

EVS-EN 817:2008

Hind 221,00

Identne EN 817:2008

Sanitary tapware - Mechanical mixing valves (PN 10) - General technical specifications

This European Standard specifies: - the dimensional, leaktightness, pressure resistance, hydraulic performance, mechanical strength, endurance and acoustic characteristics with which mechanical mixing valves need to comply; - test methods to verify the characteristics. The tests described in this European Standard are type tests (laboratory tests) and not quality control tests carried out during manufacture. This European Standard applies to PN 10 mechanical mixing valves for use with sanitary appliances installed in rooms used for bodily hygiene (cloakrooms, bathrooms, etc.) and in kitchens, i.e. for use with baths, wash basins, bidets, showers and sinks.

Keel en

Asendab EVS-EN 817:2000

EVS-EN 996:1999/A1:2008/AC:1999

Hind 0,00

Identne EN 996:1995/A1:1999/AC:1999

Vaiarammimisseadmed. Ohutusnõuded

Keel en

EVS-EN 1090-2:2008

Hind 358,00

Identne EN 1090-2:2008

Teraskonstruktsioonide ja alumiiniumkonstruktsioonide valmistamine - Osa 2: Tehnilised nõuded teraskonstruktsioonidele

This European Standard specifies requirements for execution of structural steelwork as structures or as manufactured components, produced from: - hot rolled, structural steel products up to and including grade S690; - cold formed components and sheeting up to and including grades S700 for stainless steels and including S690 for carbon steels; - hot finished and cold formed austenitic, austenitic-ferritic and ferritic stainless steel products; - hot finished and cold formed structural hollow sections, including standard range and custom-made rolled products and hollow sections manufactured by welding.

Keel en

EVS-EN 1090-3:2008

Hind 305,00

Identne EN 1090-3:2008

Teraskonstruktsioonide ja alumiiniumkonstruktsioonide valmistamine. Osa 3: Tehnilised nõuded alumiiniumkonstruktsioonidele

This European Standard specifies requirements for the execution of aluminium structural components and structures made from: a) rolled sheet, strip and plate; b) extrusions; c) cold drawn rod, bar and tube; d) forgings; e) castings. This European Standard specifies requirements independent of the type and shape of the aluminium structure, and this European Standard is applicable to structures under predominantly static loads as well as structures subject to fatigue. It specifies requirements related to the execution classes that are linked with consequence classes.

Keel en

EVS-EN 1367-6:2008

Hind 95,00

Identne EN 1367-6:2008

Tests for thermal and weathering properties of aggregates - Part 6: Determination of resistance to freezing and thawing in the presence of salt (NaCl)

This European Standard specifies a method of assessing the frost resistance of an aggregate when it is subjected to the cyclic action of freezing and thawing in the presence of 1 % solution of NaCl in de-ionized or distilled water. The results of this test provide a means for assessing an aggregate’s resistance to this form of weathering in areas where frequent freeze-thaw cycling occurs with seawater sprays or abundant de-icers conditions, and where result values of EN 1367-1 test method do not describe correctly aggregate performance in extreme conditions. This European Standard gives the option to control the thawing sequence either by immersion in water or by using air circulation in the low temperature cabinet to obtain the required reference temperature. This test method is applicable to coarse aggregates or to coarse aggregates' fractions of all-in materials. This method is not appropriate for lightweight aggregates covered by EN 13055 or aggregates which can not be submitted to 110 °C oven drying.

Keel en

EVS-EN 1991-1-6:2006/AC:2008

Hind 0,00

Identne EN 1991-1-6:2005/AC:2008

Eurokoodeks 1: Ehituskonstruktsioonide koormused. Osa 1-6: Üldkoormused. Ehitusaegsed koormused

Keel en

EVS-EN 1992-2:2005/AC:2008

Hind 0,00

Identne EN 1992-2:2005/AC:2008

Eurokoodeks 2: Raudbetoonkonstruktsioonide projekteerimine. Osa 2: Betoonsillad. Arvutus- ja detailiseerimisreeglid.

Keel en

EVS-EN 1992-1-2:2005/AC:2008

Hind 0,00

Identne EN 1992-1-2:2004/AC:2008

Eurokoodeks 2: Betoonkonstruktsioonide projekteerimine. Osa 1-2: Üldreeglid. Tulepüsivus

Keel en

EVS-EN 1994-2:2005/AC:2008

Hind 0,00

Identne EN 1994-2:2005/AC:2008

Eurokoodeks 4: Terasest ja betoonist komposiit-konstruktsioonide projekteerimine. Osa 2: Üldreeglid ja reeglid sildade projekteerimiseks.

Keel en

EVS-EN 1994-1-2:2005/AC:2008

Hind 0,00

Identne EN 1994-1-2:2005/AC:2008

Eurokoodeks 4 - Terasest ja betoonist komposiitkonstruktsioonide projekteerimine. Osa 1-2: Üldeeskirjad.Tulepüsivusarvutus.

Keel en

EVS-EN 12812:2008

Hind 208,00

Identne EN 12812:2008

Falsework - Performance requirements and general design

This European Standard specifies performance requirements and limit state design methods for two design classes of falsework. It sets out the rules that have to be taken into account to produce a safe falsework structure. It also provides information where falsework is required to support a "permanent structure", or where the design or supply of falsework has to be commissioned. This European Standard also gives information on foundations. This European Standard does not specify requirements for formwork, although formwork may be a part of the falsework construction. Nor does it provide information on access and working scaffolds, which is given in EN 12811-1. This European Standard does not provide information about site activities. It does not provide information about the use of some standardized products, including timber formwork beams conforming to EN 13377 and props conforming to EN 1065.

Keel en

Asendab EVS-EN 12812:2004

EVS-EN 13015:2001+A1:2008

Hind 151,00

Identne EN 13015:2001+A1:2008

Liftide ja eskalaatorite tehnohooldus. Tehnohooldusjuhendite reeglid KONSOLIDEERITUD TEKST

This European Standard specifies the elements necessary for the preparation of the instructions for the maintenance operations, as in 3.1, which are provided for new installed passenger lifts, goods passenger lifts, accessible goods only lifts, service lifts, escalators and passenger conveyors. This European Standard does not cover: a) instructions for the installation and the dismantling; b) any legal examinations and tests based on national regulations. Existing installations are not covered by this Standard, but it can be taken as a reference.

Keel en

Asendab EVS-EN 13015:2001

EVS-EN 13077:2008

Hind 123,00

Identne EN 13077:2008

Devices to prevent pollution by backflow of potable water - Air gap with non-circular overflow (unrestricted) - Family A-Type B

This European Standard specifies the characteristics and the requirements of air gap with non-circular overflow (unrestricted) Family A, Type B for nominal flow velocity not exceeding 3 m/s. Air gaps are devices for protection of potable water in water installations from pollution. This European Standard applies to air gaps in factory assembled products and to constructed air gaps in situ, and defines the physico-chemical characteristics of materials of construction used for the purpose and application to ensure compliance with this European Standard during normal working use.

Keel en

Asendab EVS-EN 13077:2004

EVS-EN 15092:2008

Hind 180,00

Identne EN 15092:2008

Building valves - Inline hot water supply tempering valves - Tests and requirements

This European Standard specifies, dimensions, materials and performance requirements (including methods of test) for in line, hot water supply tempering valves for sanitary hot water systems, of nominal sizes from DN 15 to DN 50. Tempering valves reduce the temperature of sanitary hot water for distribution throughout the hot water system. The conditions of use are specified in Table 1.
The valves are intended to be used with storage water heaters to provide tempered hot water to the terminal fitting. They are not intended to control the temperature at the point of use. Tempering valves control the distribution temperature from a water heater to a preset value or an adjustable range, both between 45 °C and 65 °C.

Keel en

EVS-EN 15377-1:2008

Hind 233,00

Identne EN 15377-1:2008

Hoonete küttesüsteemid. Kaetud vesi-pindkütte- ja -jahutussüsteemide projekteerimine. Osa 1: Kütte ja jahutuse võimsuse määramine

This European Standard is applicable to water based surface heating and cooling systems in residential, commercial and industrial buildings. The methods apply to systems integrated into the wall, floor or ceiling construction without any open air gaps. The methods do not apply to heated or chilled ceiling panels or beams. This European Standard provides steady-state calculation methods for determination of the heating and cooling capacity (part 1). This European Standard estimates an equivalent system resistance to be used in dynamic building simulation programs. This European Standard applies also, as appropriate, to the use of other fluids instead of water. A separate standard provides a method for design, dimensioning and installation of the system (part 2). This European Standard is not applicable for testing or certification of systems. A separate standard provides a method and guidance on how to optimise the design for use of renewable energy sources and take system dynamic effects into account (part 3).

Keel en

EVS-EN 15377-2:2008

Hind 151,00

Identne EN 15377-2:2008

Hoonete küttesüsteemid.Kaetud vesi-pindkütte- ja -jahutussüsteemide projekteerimine. Osa 2: Projekteerimine, dimensioneerimine ja paigaldus

This European Standard is applicable to water based surface heating and cooling systems in buildings as defined in prEN 15377-1. Physiological limitations are taken into account when specifying the maximum and minimum surface temperature. The design is based on performance characteristic curves and limit curves calculated in accordance with prEN 15377-1 and EN 1264. Design considerations for heating and cooling systems are specified.

Keel en

EVS-EN 60335-2-51:2003/A1:2008

Hind 73,00

Identne EN 60335-2-51:2003/A1:2008

ja identne IEC 60335-2-51:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-51: Erinõuded kütte- ja tarbeveepaigaldiste statsionaarsetele ringluspumpadele

Deals with the safety of electric stationary circulation pumps intended for use in heating systems or in service water systems, having a rated power input not exceeding 300 W, their rated voltage being not more than 250 V for single-phase and 480 V for other appliances. Hydraulic and electric parts of the pump may be in the same enclosure, so that the water serves as a coolant, or they maybe seperate. This standard does not apply to pumps for circulating liquids other than water; pumps, other than circulation pumps (IEC 60335-2-41); circulation pumps intended exclusively for industrial purposes; circulation pumps intended for locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapor, or gas)

Keel en

EVS-EN 60335-2-78:2003/A1:2008

Hind 73,00

Identne EN 60335-2-78:2003/A1:2008

ja identne IEC 60335-2-78:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-78: Erinõuded aiagrillidele

Deals with the safety of electric outdoor barbecues for household and similar use, their rated voltage being not more than 250 V. This standard does not apply to barbecues for indoor use, appliances intended to burn charcoal or similar combustible fuels, appliances intended exclusively for industrial purposes, appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapor or gas)

Keel en

EVS-EN 60335-2-83:2003/A1:2008

Hind 73,00

Identne EN 60335-2-83:2002/A1:2008

ja identne IEC 60335-2-83:2001/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-83: Erinõuded katuse soojendatud veeneeludele

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.

Keel en

EVS-EN 62055-31:2008

Hind 246,00

Identne EN 62055-31:2005

ja identne IEC 62055-31:2005

Electricity metering - Payment systems -- Part 31: Particular requirements - Static payment meters for active energy (classes 1 and 2)

This part of IEC 62055 applies to newly manufactured, static watt-hour payment meters of accuracy classes 1 and 2 for direct connection, for the measurement of alternating current electrical energy consumption of a frequency in the range 45 Hz to 65 Hz that include a load switch for the purpose of interruption or restoration of the electricity supply to the load in accordance with the current value of the available credit maintained in the payment meter. It does not apply to static watt-hour payment meters where the voltage across the connection terminals exceeds 600 V (line-to-line voltage for meters for polyphase systems). It applies to payment meters for indoor application only, where the payment meter shall be mounted as for normal service (i.e. together with a specified matching socket where applicable).

Keel en

EVS-EN ISO 10426-6:2008

Hind 104,00

Identne EN ISO 10426-6:2008

ja identne ISO 10426-6:2008

Nafta- ja maagaasitööstused. Tsemendid ja materjalid kaevude tsementeerimiseks. Osa 6: Tsemendi koostisesse kuuluva staatilise geeli tugevuse määramise meetodid

This part of ISO 10426 specifies requirements and provides test methods for the determination of static gel strength (SGS) of cement slurries and related materials under simulated well conditions.

Keel en

EVS-EN ISO 21003-1:2008

Hind 104,00

Identne EN ISO 21003-1:2008

ja identne ISO 21003-1:2008

Multilayer piping systems for hot and cold water installations inside buildings - Part 1: General

This part of ISO 21003 specifies the general aspects of multilayer piping systems intended to be used for hot and cold water installations inside buildings for the conveyance of water — whether or not the water is intended for human consumption (domestic systems) or heating systems — under specified design pressures and temperatures appropriate to the class of application (see Table 1). ISO 21003 is a reference product standard (see 3.4.3). It is applicable to multilayer pipes, fittings, their joints, and also to joints with components made of other plastics and non-plastics materials intended to be used for hot and cold water installations. This part of ISO 21003 is intended for use only in conjunction with all the other parts of ISO 21003. ISO 21003 applies only to multilayer pipes with their inner layer made of plastics.

Keel en

EVS-EN ISO 21003-2:2008

Hind 141,00

Identne EN ISO 21003-2:2008

ja identne ISO 21003-2:2008

Multilayer piping systems for hot and cold water installations inside buildings - Part 2: Pipes

This part of ISO 21003 specifies the characteristics of pipes for multilayer piping systems intended to be used for hot and cold water installations inside buildings for the conveyance of water — whether or not the water is intended for human consumption (domestic systems) or heating systems — under specified design pressures and temperatures appropriate to the class of application (see Table 1 of ISO 21003-1:2008). It also specifies the test parameters for the test methods referred to in this part of ISO 21003. ISO 21003 is a reference product standard. It is applicable to multilayer pipes, fittings, their joints, and also to joints with components made of other plastics and non-plastics materials intended to be used for hot and cold water installations. This part of ISO 21003 is intended for use only in conjunction with all the other parts of ISO 21003. ISO 21003 covers a range of service conditions (application classes) and design pressures. It is not applicable for values of design temperature, TD, maximum design temperature, Tmax, and malfunction temperature, Tmal, in excess of those in Table 1 of ISO 21003-1:2008.

Keel en

EVS-EN ISO 21003-3:2008

Hind 104,00

Identne EN ISO 21003-3:2008

ja identne ISO 21003-3:2008

Multilayer piping systems for hot and cold water installations inside buildings - Part 3: Fittings

This part of ISO 21003 specifies the characteristics of fittings for multilayer piping systems intended to be used for hot and cold water installations inside buildings for the conveyance of water — whether or not the water is intended for human consumption (domestic systems) or for heating systems — under specified design pressures and temperatures appropriate to the class of application (see Table 1 of ISO 21003-1:2008). It also specifies the test parameters for the test methods referred to in this part of ISO 21003. ISO 21003 is a reference product standard. It is applicable to multilayer pipes, fittings, their joints, and also to joints with components made of other plastics and non-plastics materials intended to be used for hot and cold water installations. This part of ISO 21003 is intended for use only in conjunction with all the other parts of ISO 21003. This part of ISO 21003 covers fusion, solvent-cemented and mechanical fittings for a range of service conditions (application classes) and design pressures. It is not applicable for values of design temperature, TD, maximum design temperature, Tmax, and malfunction temperature, Tmal, in excess of those in Table 1 of ISO 21003-1:2008.

Keel en

EVS-EN ISO 21003-5:2008

Hind 104,00

Identne EN ISO 21003-5:2008

ja identne ISO 21003-5:2008

Multilayer piping systems for hot and cold water installations inside buildings - Part 5: Fitness for purpose of the system

This part of ISO 21003 specifies the characteristics for the fitness for purpose of multilayer piping systems intended to be used for hot and cold water installations inside buildings for the conveyance of water — whether or not the water is intended for human consumption (domestic systems) or for heating systems — under specified design pressures and temperatures appropriate to the class of application (see Table 1 of ISO 21003:2008). It also specifies the test parameters for the test methods referred to in this part of ISO 21003. ISO 21003 is a reference product standard. It is applicable to multilayer pipes, fittings, their joints, and also to joints with components made of other plastics and non-plastics materials intended to be used for hot and cold water installations. This part of ISO 21003 is intended for use only in conjunction with all the other parts of ISO 21003. ISO 21003 covers a range of service conditions (application classes) and design pressures. It is not applicable for values of design temperature, TD, maximum design temperature, Tmax, and malfunction temperature, Tmal, in excess of those in Table 1 of ISO 21003-1:2008.

Keel en

EVS-HD 384.5.537 S2:2008

Hind 162,00

Identne HD 384.5.537 S2:1998

ja identne IEC 60364-5-537:198+A1:1989

Electrical installations of buildings -- Part 5: Selection and erection of electrical equipment -- Chapter 53: Switchgear and controlgear - Section 537: Devices for isolation and switching

Deals with devices for isolation, devices for switching-off for mechanical maintenance, devices for emergency switching and functional switching devices.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

CEN/TS 14631:2003

Identne CEN/TS 14631:2003

Automaatne posti töötlemine. Automaatne mahutite ja konteinerite tuvastamine. Mahutite numeratsioon

This Technical Specification specifies a mechanism for the unique identification of individual receptacles. It defines the method of construction of the identifier, referred to as the receptacle asset number, and specifies one required and a number of optional methods by which this identifier may be associated with (affixed to) the receptacle itself

Keel en

Asendatud CEN/TS 14631:2005

EVS 839:2003

ja identne EVS 839:2003

Sisekliima

Käesolev Eesti standard sisaldab hoonete sisekliima parameetritele ja tingimustele esitatavaid nõudeid, mis on määratud elu- ja avalike hoonete projekteerimisel, ekspluateerimisel ja ekspertiiside tegemisel kasutamiseks.

Keel et

Asendatud EVS-EN 15251:2007

EVS-EN 81-3:2001

Identne EN 81-3:2000

Liftide valmistamise ja paigaldamise ohutuseeskirjad. Osa 3: Elektrilised ja hüdraulilised teeninduslliftid

This standard specifies the safety rules for the construction and installation of permanently installed new electric lifts with traction or positive drive, or hydraulic service lifts defined as lifting equipment, serving defined landing levels, having a car, the interior of which is regarded as inaccessible to persons on account of its dimensions and means of construction, suspended by ropes or chains or supported by ram and moving between rigid vertical guide rails or guide rails whose inclination to the vertical does not exceed 15° and driven electrically or hydraulically. This standard covers service lifts with rated load not exceeding 300 kilogrammes and not intended to move persons.

Keel en

Asendatud EVS-EN 81-3:2001+A1:2008

EVS-EN 115:1999

Identne EN 115:1995+A1:1998

Eskalaatorite ja sõidukonveierite valmistamise ja paigaldamise ohutuseeskirjad

See standard kehtib kõigi uute eskalaatorite ja sõidukonveierite kohta (plaat- või lintkonveieri tüüpi). See standard ei kehti olemasolevate eskalaatorite ja sõidukonveierite kohta. Soovitatav on kohandada need siiski käesoleva standardi nõuetele vastavaks.

Keel en

Asendatud prEN 115 rev; EVS-EN 115-1:2008

EVS-EN 115:1999/A2:2004

Identne EN 115:1995/A2:2004

Eskalaatorite ja sõidukonveierite valmistamise ja paigaldamise ohutuseeskirjad

See standard kehtib kõigi uute eskalaatorite ja sõidukonveierite kohta (plaat- või lintkonveieri tüüpi). See standard ei kehti olemasolevate eskalaatorite ja sõidukonveierite kohta. Soovitatav on kohandada need siiski käesoleva standardi nõuetele vastavaks.

Keel en

Asendab EVS-EN 115-1:2008

EVS-EN 200:2005

Identne EN 200:2004

Sanitary tapware - Single taps and combination taps (PN 10) - General technical specification

This European Standard specifies: - the field of application for pillar taps, bib taps, single and multi-hole combination taps : - for a supply system (Type 1, see Figure 1) ; - for a supply system (Type 2, see Figure 2) ;- the dimensional, leaktightness, pressure resistance, hydraulic, mechanical strength, endurance and acoustic characteristics of nominal size ½ and ¾ single taps and combination taps; - test methods to verify the characteristics

Keel en

Asendab EVS-EN 200:2000

Asendatud EVS-EN 200:2008

EVS-EN 506:2001

Identne EN 506:2000

Roofing products from metal sheet - Specification for self-supporting products of copper or zinc sheet

This Standard specifies requirements for self supporting roofing products for discontinuous laying made from copper or zinc-copper-titanium alloy sheet with or without additional organic coatings. The standard establishes general characteristics, definitions and labelling for the products, together with requirements for the materials fromwhich the products can be manufactured. It is intended to be used either by manufacturers to ensure that their products comply with the requirements or by purchasers to verify that the products comply before they are despatched from the factory. It specifies the requirements for products which enable them to meet all normal service conditions. The standard applies to all discontinuously laid self supporting external profiled sheets for roofing. These profiled roof sheets are designed to keep wind, rain and snow out of the building and to transfer any resultant loads and infrequent maintenance loads to the structure.

Keel en

Asendatud EVS-EN 506:2008

EVS-EN 508-3:2001

Identne EN 508-3:2000

Roofing products from metal sheet - Specification for self-supporting products of steel, aluminium or stainless steel sheet - Part 3: Stainless steel

This part of the Standard specifies requirements for self supporting roofing products for discontinuous laying made from stainless steel sheet with or without additional metallic and/or organic coatingsThe standard establishes general characteristics, definitions, classifications and labelling for the products, together with requirments for the materials from which the products can be manufactured. It is intended to be used either by manufacturers to ensure that their products comply with the requirements or by purchasers to verify that the products complywhen purchased before they are despatched from the factory. It specifies the requirements for products which enable to meet all normal service conditions.

Keel en

Asendatud EVS-EN 508-3:2008

EVS-EN 508-1:2003

Identne EN 508-1:2000

Lehtmetallist katusetooted. Isekandvate lehtterasest, alumiiniumist ja roostevabast lehtterasest valmistatud toodete spetsifikatsioon. Osa 1: Teras

Standardi EN 508 käesolev osa määrab kindlaks nõuded isekandvatele mittepidevalt paigaldatavatele katusetoodetele, mis on valmistatud metallkattega ning täiendava orgaanilise kattega või katteta lehtterasest. Standard kehtestab toodete üldised parameetrid, määratlused, klassifikatsiooni ning etikettimise koos nõuetega materjalidele, millest neid tooteid võib valmistada. Standard on mõeldud kasutamiseks nii tootjate poolt, tagamaks toodete vastavuse nõuetele, kui ka ostjate poolt, veendumaks, et ostetud tooted vastavad nõuetele enne nende tehasest väljastamist. Standard spetsifitseerib nõuded toodetele, mida on võimalik kasutada kõigis normaalsetes ekspluatatsioonitingimustes. Standard kehtib kõigile mittepidevalt paigaldatavatele isekandvatele väliskasutuse profileeritud katuseplaatidele. Profileeritud katuseplaatide ülesandeks on takistada tuule, vihma ja lume hoonesse sattumist ning edastada kõik summaarsed koormused ja harvaesinevad hoolduskoormused kandekonstruktsioonile. Standard ei sisalda nõudeid kandekonstruktsiooni, katusesüsteemi kujunduse ning ühenduste ja liiteplekkide teostuse kohta.

Keel et

Asendab EVS-EN 508-1:2001

Asendatud EVS-EN 508-1:2008

EVS-EN 508-2:2001

Identne EN 508-2:2000

Roofing products from metal sheet -Specification of self-supporting products of steel, aluminium or stainless steel sheet - Part 2: Aluminium

This Standard specifies requirements for self supporting roofing products for discontinuous laying made from aluminium sheet with or without additional organic coatings. This Standard establishes the general characteristics, definitions, classifications and labelling for the products, together with requirements for the materials from which the products can be manufactured. It is intended to be used either by manufacturers to ensure that their product comply before they are despatched from the factory. It specifies the requirements for products which enable them to meet all normal service conditions.

Keel en

Asendatud EVS-EN 508-2:2008

EVS-EN 817:2000

Identne EN 817:1997

Sanitaartehnilised kraanitarvikud. Mehaanilised segistid (PN 10). Üldtehnilised nõuded

Käesolev Euroopa standard määrab kindlaks: - dimensionaalsed parameetrid, lekkekindluse, mehaanilised ja hüdraulilised parameetrid, mehaanilise väsimustugevuse ja akustilised parameetrid, millele segistiga kraanid vastama peavad; - meetodid nende omaduste testimiseks. Standard kehtib mehaanilise segistiga kraanide kohta, mis on ette nähtud kasutamiseks sanitaartehnilistes seadmetes pesemisruumides (tualettruumides, vannitubades jne.) ja köökides.

Keel en

Asendatud EVS-EN 817:2008

EVS-EN 12812:2004

Identne EN 12812:2004

Falsework - Performance requirements and general design

This European Standard specifies performance requirements and limit state design methods for two design classes of falsework.It sets out the rules that a designer has to take into account to produce a safe falsework structure.It also provides information for the person who requires falsework to support a "permanent structure" and who needs to commission its design or supply. This European Standard also gives information on foundations.

Keel en

Asendatud EVS-EN 12812:2008

EVS-EN 13015:2001

Identne EN 13015:2001

Liftide ja eskalaatorite tehnohooldus. Tehnohooldusjuhendite reeglid

This standard specifies the elements necessary for the preparation of the instructions for the maintenance operations, which are provided for new installed passenger lifts, goods passengers lifts, service lifts, accessible goods only lifts, service lifts, escalators and passenger conveyors.

Keel en

Asendatud EVS-EN 13015:2001+A1:2008

KAVANDITE ARVAMUSKÜSITLUS

EN 996:1999/A1

Identne EN 996:1995/A1:1999

Tähtaeg 30.10.2008

Vaiarammimisseadmed. Ohutusnõuded

See Euroopa standard määrab kindlaks ohutusnõuded vaiarammimisseadmete tarvis, mis sobivad järgmisteks ülesanneteks: a) vundamentide, sulundseinte või tugimüüride ehitamine, kasutades vaiu või muid pikielemente, b) vaiade eemaldamine, c) väljavoolu- või sissevooluelementide paigaldamine. Vaiamaterjaliks võib olla puit, betoon (monteeritav või kohapeal valatav) või teras (torud või valtsprofiilid). Peale selle võib vaiadel olla omavahelise lukustamise võimalus, et kõrvuti vaiu ühendada.

Keel en

EN 1996-3

Identne EN 1996-3:2006

Tähtaeg 30.10.2008

Eurokoodeks 6: Kivikonstruktsioonide projekteerimine. Osa 3: Lihtsustatud arvutus-meetodid sarrustamata kivikonstruktsioonide projekteerimiseks. SISALDAB RAHVUSLIKKU LISA

EN 1996-3 esitab lihtsustatud arvutused armeerimata müüritisele järgmistel juhtudel: - vertikaalselt ja tuulega koormatud seinad; - koondatud jõuga koormatud seinad; - diafragmad (nihkele töötavad seinad); - mullasurve ja vertikaalkoormusega koormatud keldriseinad; - ainult tuulega koormatud seinad.

Keel et

Asendab EVS-EN 1996-3:2006

EN 1996-3/NA

Tähtaeg 30.10.2008

Eurokoodeks 6: Kivikonstruktsioonide projekteerimine. Osa 3: Lihtsustatud arvutus-meetodid sarrustamata kivikonstruktsioonide projekteerimiseks. RAHVUSLIK LISA

Käesolevas rahvuslikus lisas NA on esitatud need Euroopa standardi punktid ja jaotised, mille puhul Eestis rakendatakse erinõudeid, aga ka need, kus rakendatakse standardis soovitatud metoodikaid, arvulisi väärtusi jms.

Keel et

EN 12418:2000/prA1

Identne EN 12418:2000/prA1:2008

Tähtaeg 30.10.2008

Müüritis- ja kivitükelduspingid tööobjektil. Ohutus

This European Standard applies to masonry and stone cutting-off machines stationary during work, principally used on job site building construction for cutting-off stones, other mineral construction materials and composite materials having at least one supporting surface.

Keel en

EN 13263-1:2005/prA1

Identne EN 13263-1:2005/prA1:2008

Tähtaeg 30.10.2008

Räniaurud betoonile. Osa 1: Definitsioonid, nõuded ja vastavuskriteeriumid

This European Standard applies to the silica fume which is a by-product of the smelting process used to produce silicon metal and ferro-silicon alloys.

Keel en

EN 13263-2:2005/prA1

Identne EN 13263-2:2005/prA1:2008

Tähtaeg 30.10.2008

Räniaurud betoonile. Osa 2: Vastavushindamine

This part of prEN 13263 specifies the scheme for the evaluation of conformity of silica fume to prEN 13263-1, including certification of conformity by a certification body.

Keel en

EN 15027:2007/prA1

Identne EN 15027:2008/prA1:2008

Tähtaeg 30.10.2008

Kantav seinasaag ja juhtmelõikur töökohal kasutamiseks. Ohutus

The global description “wall saw and wire saw equipment” contains two differing types of machines for use in the construction industry, and both used to make cuts on walls, ceilings and floors composed of mineral construction materials and/or composite materials. The many different cutting tasks and choice of operating method determine the type of machine to be used for each application. The machines may therefore be split into the following two principal classifications:- Wall saws – exclusively rail guided – transportable.- Wire saws – transportable.The machines are intended for the use of diamond tools. The types of cutting tools used in conjunction with the machines as described above fall within the design and use parameters supplied by the manufacturer. Cutting debry generated by the cutting action is removed from the cutting joint by a medium such as water directed to the cutting tool. Machines covered by this standard may be powered by: electric motor, IC engine, electro-hydraulic drive and IC engine-hydraulic drive.

Keel en

prEN 459-2

Identne prEN 459-2:2008

Tähtaeg 30.10.2008

Ehituslubi. Osa 2: Katsemeetodid

This European Standard describes the test methods for all building limes covered by EN 459-1:2008. This European Standard describes reference test methods and in some cases alternative test methods. In the event of a dispute, only the reference method is used. If methods other than the following are used it is necessary to show that they give results equivalent to those given by the reference methods.

Keel en

Asendab EVS-EN 459-2:2002

prEN 459-1

Identne prEN 459-1:2008

Tähtaeg 30.10.2008

Ehituslubi. Osa 1: Määratlused, spetsifikatsioon ja vastavuskriteeriumid

This European Standard applies to building lime used for - preparation of binder for mortar (for example for masonry, rendering and plastering), - production of other construction products (for example calcium silicate bricks, autoclaved aerated concrete, concrete, etc.), - civil engineering applications (for example soil treatment, hot mix asphalt, etc.). It gives definitions for the different types of building lime and its classification. It also gives requirements for their chemical and physical properties which depend on the type of building lime and specifies the conformity criteria. Terms of delivery or other contractual conditions, normally included in documents exchanged between the supplier and the purchaser of building lime, are outside the scope of this European Standard.

Keel en

Asendab EVS-EN 459-1:2006

prEN 13141-2

Identne prEN 13141-2:2008

Tähtaeg 30.10.2008

Hoonete ventilatsioon – Elamute ventilatsiooniseadmete ja -komponentide katsetamine – Osa 2: Väljatõmbe ja sissepuhke lõppelemendid

This European Standard specifies laboratory methods for testing exhaust and supply air terminal devices operating under pressure differences. It applies to devices used in mechanical and natural powered residential ventilation systems, of the following types: - device with a manually adjustable opening or; - device with a fixed opening or; - pressure difference controlled device. It describes tests intended to characterize: - flow rate/pressure; - air diffusion characteristics (for supply air terminal devices); - noise production for components of systems; - insertion loss of component of systems; - sound insulation.

Keel en

Asendab EVS-EN 13141-2:2004

prEN 13141-7

Identne prEN 13141-7:2008

Tähtaeg 30.10.2008

Hoonete ventilatsioon – Elamute ventilatsiooniseadmete ja -komponentide katsetamine – Osa 7: Ühepereelamutele mõeldud sundventilatsiooni süsteemide sissepuhke/ /väljatõmbe seadmete (sh. soojustagastuse) katsetamine

This part of EN 13141 specifies the laboratory test methods and test requirements for the testing of aerodynamic, thermal and acoustic performance, and the electrical power of a mechanical supply and exhaust ventilation unit used in a single dwelling. It covers unit that contain at least, within one or more casing: - supply and exhaust air fans; - air filters - air-to-air heat exchanger and/or Exhaust Air-to-Outdoor Air heat pump for exhaust air heat recovery; - control system.

Keel en

Asendab EVS-EN 13141-7:2004

prEN 15304

Identne prEN 15304:2008

Tähtaeg 30.10.2008

Determination of the freeze-thaw resistance of autoclaved aerated concrete

This document specifies a method of determining the freeze-thaw resistance of autoclaved aerated concrete manufactured according to prEN 12602 or EN 771-4.

Keel en

Asendab EVS-EN 15304:2007

prEN 15854

Identne prEN 15854:2008

Tähtaeg 30.10.2008

Ventilation for buildings - Air Diffusion - Aerodynamic testing and rating for mixed flow application: non-isothermal procedure for a cold jet

This European Standard specifies methods for the laboratory aerodynamic testing and rating of air terminal devices for mixed flow applications, including the specification of suitable test facilities and measurement techniques. This standard applies to laboratory testing of ATD for technical characterisation Note this standard may also be used in principle for full scale mock-up or on site tests. The standard gives only tests for the assessment of characteristics of the air terminal devices for mixed flow applications, under non-isothermal conditions with a cold jet. The testing of isothermal air terminal devices is specified in EN 12238. The testing of low velocity air terminal devices is specified in EN 12239. This European Standard applies to ventilation or air conditioning systems designed for the maintenance of comfort conditions for buildings. It is not applicable in the case of systems for the control of industrial or other special process environments. In the latter case however, it may be referred to if the system technology is similar to that of the above mentioned ventilation and air conditioning systems. The principles described in this European standard can also be used on site or in a lab for full scale measurements.

Keel En

prEVS 875-10

Tähtaeg 30.10.2008

Vara hindamine. Osa 10: Hinnatava objekti ülevaatus

Standardiseeria EVS 875 käsitleb vara hindamist. Standardite kasutusalaks on vara hindamise ja hinnangute kasutamisega seotud tegevused, eelkõige laenutagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajateks on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidiasutused, kõrgemad õppeasutused.Standardite olemasolu loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi.

Keel et

93 RAJATISED

UUED STANDARDID

CEN/TS 13476-4:2008

Hind 151,00

Identne CEN/TS 13476-4:2008

Plastics piping systems for non-pressure underground drainage and sewerage - Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 4: Guidance for the assessment of conformity

This CEN Technical Specification gives guidance for the assessment of conformity to be included in the manufacturer's quality plan as part of the quality system. This Technical Specification includes: a) requirements for materials, components and joints given in EN 13476-1, EN 13476-2 and EN 13476-3; b) requirements for the manufacturer's quality; NOTE 1 It is recommended that the quality system conforms to EN ISO 9001:2000 [1]. c) definitions and procedures to be applied if third party certification is involved. This standard is applicable to: d) structured-wall pipes and fittings, which are intended to be used buried in ground outside the building structure only; reflected in the marking of products by “U”; e) structured-wall pipes and fittings, which are intended to be used buried in ground both outside (application area code “U”) and within the building structure (application area code “D”); reflected in the marking of products by “UD”. In conjunction with EN 13476-2 and EN 13476-3 it is applicable to structured-wall pipes and fittings with or without an integral socket with elastomeric ring seal joints as well as welded and fused joints.

Keel en

EVS-EN 1317-5:2007+A1:2008

Hind 190,00

Identne EN 1317-5:2007+A1:2008

Teepiirdesüsteemid. Osa 5: Toodetele esitatavad nõuded ja sõidukite turvasüsteemide vastavushindamine KONSOLIDEERITUD TEKST

This European Standard specifies requirements for evaluation of conformity of the following vehicle restraint systems: a) safety barriers; b) crash cushions; c) terminals (will be effective when ENV 1317-4 becomes an EN); d) transitions (will be effective when ENV 1317-4 becomes an EN); e) vehicle / pedestrian parapets (only for the vehicle restraint function). Pedestrian parapet requirements are not covered in this document. Requirements for the evaluation of durability with respect to weathering are included in this document. Requirements for other forms of durability (e.g. marine environment, sand abrasion) are not included. Temporary barriers are not within the scope of this document.

Keel en

Asendab EVS-EN 1317-5:2007

EVS-EN 1992-2:2005/AC:2008

Hind 0,00

Identne EN 1992-2:2005/AC:2008

Eurokoodeks 2: Raudbetoonkonstruktsioonide projekteerimine. Osa 2: Betoonsillad. Arvutus- ja detailiseerimisreeglid.

Keel en

EVS-EN 1994-2:2005/AC:2008

Hind 0,00

Identne EN 1994-2:2005/AC:2008

Eurokoodeks 4: Terasest ja betoonist komposiit-konstruktsioonide projekteerimine. Osa 2: Üldreeglid ja reeglid sildade projekteerimiseks.

Keel en

EVS-EN 13848-1:2004+A1:2008

Hind 162,00

Identne EN 13848-1:2003+A1:2008

Raudteealased rakendused/Rööbastee. Rööbastee geomeetria kvaliteet. Osa 1: Rööbastee geomeetria iseloomustus KONSOLIDEERITUD TEKST

This European Standard specifies the requirements for the homologation of track geometry quality parameters as measured by various measuring devices fitted on track recording vehicles. These measuring devices are described in Part 2 of the standard. This European Standard applies to all track geometry parameters including track gauge, longitudinal level, alignment, cross level (cant / superelevation) and twist. It defines each parameter and specifies the requirements for measurement, the analysis methods and the presentation of results. Parts 3 and 4 give a description of measuring devices complying partially with this Part 1 according to the specificities of respectively track construction and maintenance machines, and manual and lightweight devices

Keel en

Asendab EVS-EN 13848-1:2004

EVS-ENV 50230:2008

Hind 104,00

Identne ENV 50230:1997

Aeronautical ground lighting electrical installation - Control and monitoring systems: General requirements

This prestandard specifies general requirement for control and monitoring system of aviation ground lighting installation. The purpose of this prestandard is to provide a set of requirements which are applicaable to the control and monitoring system of aviation ground lighting installation.

Keel en

EVS-ENV 50234:2008

Hind 151,00

Identne ENV 50234:1997

Aeronautical ground lighting electrical installation - Flashing lights: Equipment specifications and tests

This prestandard specifies general requirements for classification of flashing light systems used on airports or for ground based aviation lighting systems, for the luminaries, for the control cabinets and for their mechanical and electrical construction erection, together with the related tests. This prestandard is applicable to flashing light systems used for: - Sequential flashing approach lighting systems; - Runway threshold identification lights; - Runway lead-in lighting systems; - Medium and high intensity obstruction lighting systems. Alternately flashing lights used as runway guard lights are excluded from this prestandard. Attention is drawn to the fact that this prestandard covers all aspects of safety (electrical, thermal and mechanical). The purpose of this prestandard is to provide a set of requirements and tests which are applicable to the luminaries and their control equipment. In general, this prestandard covers safety requirements for all components of the system.

Keel en

EVS-ENV 50235:2008

Hind 141,00

Identne ENV 50235:1997

Aeronautical ground lighting electrical installation - Signs: Equipment specifications and tests

This standard covers signs installed in the movement area to provide pilots and vehicle operators with information. The Standard is applicable to signs with built-in illumination arrangements using tungsten filament, tubular flourescent and other discharge lamps on supply voltages not exceeding 1000 V. The standard shall not apply to non-illuminated signs or signs illuminated by external light sources. The object is to provide design and construction specifications for the signs that are considered necessary to meet the operational standards adopted by ICAO and to cover all aspects of safety (electrical, thermal and mechanical). The signs may be energised from parallel power supply or by connection to a constant current series circuit used for taxiway or runway lighting systems.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 1317-5:2007

Identne EN 1317-5:2007

Teepiirdesüsteemid. Osa 5: Toodetele esitatavad nõuded ja sõidukite turvasüsteemide vastavushindamine

This document specifies requirements for evaluation of conformity of the following vehicle restraint systems: • safety barriers; • crash cushions; • terminals (will be effective when ENV 1317-4 becomes an EN); • transitions (will be effective when ENV 1317-4 becomes an EN); • vehicle / pedestrian parapets (only for the vehicle restraint function)

Keel en

Asendatud EVS-EN 1317-5:2007+A1:2008

KAVANDITE ARVAMUSKÜSITLUS

EN 500-4:2006/prA1

Identne EN 500-4:2006/prA2:2008

Tähtaeg 30.10.2008

Liikuvad tee-ehitusmasinad. Ohutus. Osa 4: Erinõuded tihendusmasinatele

This part of EN 500 specifies the safety requirements for compaction machines as defined in Clause 3 and deals with all significant hazards, hazardous situations and events relevant to compaction machines, when they are used as intended and under conditions of misuse which are reasonably foreseeable.

Keel en

EN 13862:2002/prA1

Identne EN 13862:2001/prA1:2008

Tähtaeg 30.10.2008

Floor cutting-off machines - Safety

This European Standard applies to self-propelled ride on and pedestrian controlled floor sawing machines having power feed, manual feed or hand feed for sawing, grooving and milling floor surfaces made of concrete, asphalt and similar mineral building materials where the main power is supplied by electric or internal combustion prime engine.

Keel en

EN 50490

Identne EN 50490:2008

Tähtaeg 30.10.2008

Electrical installations for lighting and beaconing of aerodromes - Technical requirements for aeronautical ground lighting control and monitoring systems - Units for selective switching and monitoring of individual lamps

This European Standard is intended to give general minimum frame requirements for units that are independent of the technology used for switching and/or monitoring of individual or group of lamps in an AGL series circuit. This European Standard • applies to the units that are directly electrically connected to the primary or secondary side of an AGL series circuit and are needed to provide the selective switching and/or monitoring of lamps, • does not cover communication protocols and application procedures, • does not treat system aspects that influence the AGL operation.

Keel en

EVS 867:2003+A1:2007/prA2

ja identne EVS 867:2003+A1:2007

Tähtaeg 30.10.2008

Raudteealased rakendused. Reisijate ooteplatvormid

Standard käsitleb raudteel reisijate ooteplatvormide projekteerimisele, ehitamisele ja hooldusele esitatavaid nõudeid, hõlmates nii uusi (ehitatavaid) kui ka olemasolevaid (rekonstrueeritavaid) ooteplatvorme, juurdepääsuteid ooteplatvormidele ning juurdepääsuteel asuvaid ülekäigukohti.

Keel et

Asendab EVS 867:2003

prCEN/TS 15436-3

Identne prCEN/TS 15436-3:2008

Tähtaeg 29.09.2008

Road service area maintenance equipment - Part 3: Classification

This Technical Specification defines the classification criteria of the road service area maintenance equipment described in the scope of EN 15436-1 and used for: - grass cutting and brushcutting; - mechanical plant cutting. This equipment is mounted on self-propelled carrying vehicles, and is intended, on the one hand, for cutting and shredding grass and brushwood, and, on the other hand, for trimming trees, saplings and bushes in road service areas.

Keel en

prEN 1317-6

Identne prEN 1317-6: 200

Tähtaeg 30.10.2008

Road restraint systems - Pedestrian restraint systems - Part 6: Pedestrian Parapet

This European Standard EN 1317-6 specifies geometrical and technical requirements and defines the requirements for design and manufacture of pedestrian parapets on bridges carrying a road or cycle path or footpath/bridleway or on top of retaining walls and other similar elevated structures. This European Standard does not cover the requirements for: - Vehicle restraint systems or pedestrian restraint systems in residential, commercial or industrial buildings and within their perimeter, - Non rigid rails ie rope, cables, - Transparency, - Risks relating to the climbing of children. This European Standard covers pedestrian parapets placed on the market as kits (see 3.15).

Keel en

prEN 1423

Identne prEN 1423:2008

Tähtaeg 29.11.2008

Teemärgistusmaterjalid. Pealepuistematerjalid. Klaaskuulid, libisemisvastased materjalid ja nende segud

Käesolev Euroopa standard määrab nõuded järgmiste teemärgistamisel kasutatavate pealepuistematerjalide laborkatsetele (tootmisohje) ja kvalifikatsiooni protseduuridele. Need materjalid puistatakse värvidele, termoplastikule, külmale plastikule ja muule vedelas olekus pealekantavale märgistusmaterjalile kohe pärast nende teepinnale kandmist.

Keel en

Asendab prEN 1423

prEN 1790

Identne prEN 1790:2008

Tähtaeg 29.11.2008

Teemärgistusmaterjalid. Kasutusvalmid teekattemärgised

This standard specifies both identification and laboratory requirements for the specific characteristics of new preformed road marking materials intended for permanent and temporary use. It includes annexes for test methods. It is not necessary, unless required, to perform all the tests described.

Keel en

Asendab EVS-EN 1790:1999

prEN 1824

Identne prEN 1824:2008

Tähtaeg 29.11.2008

Teemärgistusmaterjalid. Teedel tehtavad katsed

This European Standard specifies the requirements for conducting road trials for road marking materials intended for use in both permanent and temporary road marking. Details are given for test sites, for the application of road marking materials on the test sites, for the parameters to be measured and the frequency of the measurements and for the presentation of the results in the form of a test report.

Keel en

Asendab EVS-EN 1824:2000

prEN 1871

Identne prEN 1871:2008

Tähtaeg 29.11.2008

Road marking materials - Paint, cold plastic and thermoplastic marking materials - Physical properties

This European Standard specifies the laboratory requirements and test methods for paint, cold plastic and thermoplastic road marking materials, both permanent and temporary.

Keel en

Asendab EVS-EN 1871:2000

prEN 12802

Identne prEN 12802:2008

Tähtaeg 29.11.2008

Road marking materials - Laboratory methods for identification

This European Standard describes laboratory methods for the identification of road marking materials used in horizontal signalization. It is not necessary, unless required, to perform all of the tests described.

Keel en

Asendab EVS-EN 12802:2000

prEN 13197

Identne prEN 13197:2008

Tähtaeg 29.11.2008

Road marking materials - Wear simulator Turntable

This European Standard specifies the requirements for wear simulator test for road marking materials intended for use in both permanent and temporary road markings including those with increased retroreflection under wet and rain conditions, without road studs. It gives description for the equipment and for test plate's characteristics; it also gives description for the test method involving road marking materials application, test conditions during wear test, parameters to be measured, frequency of the measurements and expression of the results as a test report. This European Standard gives also the requirements to be followed when the test is to be used for CE marking purposes.

Keel en

Asendab EVS-EN 13197:2001

prEN 13212

Identne prEN 13212:2008

Tähtaeg 29.11.2008

Road marking materials - Requirements for factory production control

This European Standard gives the requirements for factory production control (FPC) for the manufacturer of road marking materials This European Standard specifies which types of test have to be taken into consideration within the FPC but it leaves the precise methods to be applied to be dependent on the characteristics of the manufacturer's installation and production methods. The precise parameters and methods will be found in the written procedures agreed between the manufacturer and the third party responsible for the initial assessment of the FPC.

Keel en

Asendab EVS-EN 13212:2001

prEN 13459

Identne prEN 13459:2008

Tähtaeg 29.11.2008

Road marking materials - Sampling from storage and testing

This European Standard specifies methods to obtain representative samples of road marking materials for testing and gives the appropriate test methods. The methods to obtain representative samples are described as appropriate for the main product types, i.e. paint, cold plastics, thermoplastics, premix glass beads, drop-on materials, preformed road markings and retroreflecting road studs.

Keel en

Asendab EVS-ENV 13459-1:2000

prEVS 875-10

Tähtaeg 30.10.2008

Vara hindamine. Osa 10: Hinnatava objekti ülevaatus

Standardiseeria EVS 875 käsitleb vara hindamist. Standardite kasutusalaks on vara hindamise ja hinnangute kasutamisega seotud tegevused, eelkõige laenutagatiste ja finantsaruandlusega seotud tegevused. Standardite kasutajateks on vara hindajad, kinnisvaraspetsialistid, ehitusspetsialistid, keskkonnaspetsialistid, finantsaruandlusega tegelevad spetsialistid (raamatupidajad, audiitorid), krediidiasutused, kõrgemad õppeasutused.Standardite olemasolu loob aluse vara hindamise ühtsele käsitlusele, rahuldades nii era- kui ka avaliku sektori vajadusi.

Keel et

97 OLME. MEELELAHUTUS. SPORT

UUED STANDARDID

CEN/TS 15398:2008

Hind 171,00

Identne CEN/TS 15398:2008

Resilient, textile and laminate floor coverings - Floor covering standard symbols

This document establishes a system of graphic symbols for use in the marking of the following floor coverings and specifies the use of these symbols: - resilient floor coverings manufactured from plastics, linoleum, cork or rubber, excluding loose-laid mats; - textile floor coverings, excluding loose-laid mats; - laminate floor coverings; - floor panels for loose laying.

Keel en

Asendab CEN/TS 15398:2006

EVS-EN 13229:2002/A2:2004/AC:2007

Hind 0,00

Identne EN 13229:2001/A2:2004/AC:2007

Inset appliances including open fires fired by solid fuels - Requirements and test methods

Keel en

EVS-EN 15500:2008

Hind 246,00

Identne EN 15500:2008

Control for heating, ventilating and air-conditioning applications - Electronic individual zone control equipment

The purpose of this standard is to specify the applications, functionality set and application performance for electronic individual zone control equipment. The applications are for cooling and hot water or electrical heating as described in Annex B. This standard applies specifically to individual zone control equipment for maintaining temperature, humidity and air flow as a function of occupancy and demand operated with auxiliary electrical energy. Information required for the operation of the equipment may be processed using either analogue or digital techniques or a combination of both. Safety requirements remain unaffected by this standard. This standard refers to the input and output requirements of the controller and not of the input and output devices as e. g. sensors and actuators. This standard covers fixed-function, configurable and programmable controllers. The control equipment may or may not be connected to a data-network however communications aspects are not covered by this standard. These devices could be applied for any kind of building, intermittent or non-intermittent occupation, residential or non residential (see Annex B).

Keel en

EVS-EN 60335-2-3:2003/A2:2008

Hind 73,00

Identne EN 60335-2-3:2002/A2:2008

ja identne IEC 60335-2-3:2002/A2:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-3: Erinõuded elektritriikraudadele

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.

Keel en

EVS-EN 60335-2-10:2003/A1:2008

Hind 73,00

Identne EN 60335-2-10:2003/A1:2008

ja identne IEC 60335-2-10:2002/A1:2008

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 2-10: Erinõuded põrandahooldusmasinatele ja märgpuhastusmasinatele

Deals with the safety of electric floor treatment and wet scrubbing machines intended for household and similar purposes, whose rated voltage is not more than 250 V. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms fall within the scope of this standard. So far as practicable, this standard deals with the common hazards presented by appliances which are encountered by everyone in and around the home. Use with IEC 335-1,3rd.

Keel en

EVS-EN 60335-2-12:2003/A1:2008

Hind 73,00

Identne EN 60335-2-12:2003/A1:2008

ja identne IEC 60335-2-12:2002/A1:2008

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 2-12: Erinõuded soojendusplaatidele ja muudele taolistele seadmetele

Deals with the safety of electric warming plates, warming trays and similar appliances intended to keep food or vessels warm, for household and similar purposes, their rated voltage being not more than 250 V. Appliances intended to be used by laymen in shops, in light industry and on farms, are also within the scope of this standard.

Keel en

EVS-EN 60335-2-16:2003/A1:2008

Hind 73,00

Identne EN 60335-2-16:2003/A1:2008

ja identne IEC 60335-2-16:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-16: Erinõuded toidujäätmete konteineritele

Deals with the safety of electric food waste disposers for household and similar purposes, their rated voltage being not more than 250 V. Is to be used in conjunction with IEC 335-1, third edition.

Keel en

EVS-EN 60335-2-26:2003/A1:2008

Hind 73,00

Identne EN 60335-2-26:2003/A1:2008

ja identne IEC 60335-2-26:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-26: Erinõuded kelladele

Deals with the safety of electric clocks having a rated voltage of not more than 250 V. Examples of appliances that are within the scope of this standard are alarm clocks, spring-driven clocks with an electrically operated winding mechanism, clocks incorporating driving means other than motors. This standard does not apply to battery-operated clocks; appliances intended exclusively for industrial purposes; appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapor or gas); clocks having other functions, whether or not in combination with time indication, such as master control clocks and timers for cooking ranges, washing machines and similar appliances; clocks for "clocking in" purposes; clocks incorporating electronic circuits only(refer to IEC 60065)

Keel en

EVS-EN 60335-2-28:2003/A1:2008

Hind 73,00

Identne EN 60335-2-28:2003/A1:2008

ja identne IEC 60335-2-28:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-28: Erinõuded õmblusmasinatele

Deals with the safety of electric sewing machines for household and similar use, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.Overlock machines and electrical sets are within the scope of the standard. Is to be used in conjunction with IEC 335-1 (third edition).

Keel en

EVS-EN 60335-2-44:2003/A1:2008

Hind 73,00

Identne EN 60335-2-44:2002/A1:2008

ja identne IEC 60335-2-44:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-44: Erinõuded triikimisseadmetele

Applicable to the safety of electric ironers, their rated voltage being not more than 250 V for single phase and 480 V for other appliances intended for household and similar purposes. Appliances intended to be used by laymen in shops, in light industry and on farms, are also within the scope of this standard

Keel en

EVS-EN 60335-2-47:2003/A1:2008

Hind 73,00

Identne EN 60335-2-47:2003/A1:2008

ja identne IEC 60335-2-47:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-47: Erinõuded kaubanduslikele elektrikeedupottidele

Deals with the safety of electrically operated commercial boiling pans not intended for household use. The rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral, and 480 V for other appliances. Appliances which are within the scope of this standard are typically used in restaurants, canteens, hospitals and commercial enterprises such as bakeries, butcheries,etc. The electrical part of appliances making use of other forms of energy is also witin the scope of this standard

Keel en

EVS-EN 60335-2-52:2003/A1:2008

Hind 73,00

Identne EN 60335-2-52:2003/A1:2008

ja identne IEC 60335-2-52:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-52: Erinõuded suuhügieeniseadmetele

Deals with the safety of electric oral hygiene appliances for househols and similar purposes, their rated voltage being not more than 250 V. Examples of appliances covered by this standard are oral irrigators and toothbrushes

Keel en

EVS-EN 60335-2-55:2003/A1:2008

Hind 73,00

Identne EN 60335-2-55:2003/A1:2008

ja identne IEC 60335-2-55:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-55: Erinõuded akvaariumides ja aiatiikides kasutatavatele elektriseadmetele

Deals with the safety of electric appliances for use with aquariums and garden ponds for household and similar purposes, their rated voltage being not more than 250 V. Examples of appliances within the scope of this standard are aerators; aquarium heaters; automatic food dispensers; sludge-suction appliances

Keel en

EVS-EN 60335-2-56:2003/A1:2008

Hind 73,00

Identne EN 60335-2-56:2003/A1:2008

ja identne IEC 60335-2-56:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-56: Erinõuded projektoritele ja muudele taolistele seadmetele

Deals with the safety of electric projectors and similar appliances, their rated voltage being not more than 250 V, for household and similar purposes. Some examples of appliacnes that are within the scope of this standard are effects projectors, film-strip projectors, microscope projectors, motion-picture projectors, overhead projectors, photographic enlargers, still view and photo-reproduction appliances

Keel en

EVS-EN 60335-2-66:2003/A1:2008

Hind 73,00

Identne EN 60335-2-66:2003/A1:2008

ja identne IEC 60335-2-66:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-66: Erinõuded vesivoodite soojenditele

Deals with the safety of electric water-bed heaters and associated control units, their rated voltage being not more than 250 V, for household and similar purposes. Appliances intended to be used in hotels, are also within the scope of this standard

Keel en

EVS-EN 60335-2-85:2003/A1:2008

Hind 73,00

Identne EN 60335-2-85:2003/A1:2008

ja identne IEC 60335-2-85:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-85: Erinõuded riideaurutitele

Deals with the safety of electric fabric steamers intended for household and similar purposes, their rated voltage being not more than 250 V. Appliances not intended for normal household use, such as appliances to be used by laymen in laundries and dry cleaners, are within the scope of this standard

Keel en

EVS-EN 60335-2-101:2003/A1:2008

Hind 73,00

Identne EN 60335-2-101:2002/A1:2008

ja identne IEC 60335-2-101:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-101: Erinõuded aurutitele

Deals with the safety of electric vaporizers for household and similar purposes, their rated voltage being not more than 250 V

Keel en

EVS-EN 60335-2-108:2008

Hind 141,00

Identne EN 60335-2-108:2008

ja identne IEC 60335-2-108:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-108: Erinõuded elektrolüüseritele

This International Standard deals with the safety of electrolysers that produce low viscosity, ionized liquids intended for use as detergent free wash water in appliances for household and similar purposes and which conform with the standards applicable to such appliances. It applies to electrolysers tested separately, under the most severe conditions that may be expected to occur in normal use, their rated voltage being not more than 250 V.

Keel en

EVS-EN 60730-1:2001/A2:2008

Hind 199,00

Identne EN 60730-1:2000/A2:2008

ja identne IEC 60730-1:1999/A2:2007

Elektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 1: Üldnõuded

In general, this standard applies to automatic electrical controls for use in, on, or in association with equipment for household and similar use, including controls for heating, air-conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof. This part 1 is to be used in conjunction with the appropriate part 2 for a particular type of control, or for controls for particular applications. This part 1 may also be applied, so far as reasonable, to controls not mentioned in a part 2, and to controls designed

Keel en

Asendab EVS-EN 60730-1:2001/A15:2007

ASENDATUD VÕI TÜHISTATUD STANDARDID

CEN/TS 15398:2006

Identne CEN/TS 15398:2006

Resilient, textile and laminate floor coverings - Floor covering standard symbols

This document establishes a system of graphic symbols for use in the marking of the following floor coverings and specifies the use of these symbols.— Resilient floor coverings manufactured from plastics, linoleum, cork or rubber, excluding loose-laid mats; — textile floor coverings, excluding loose-laid mats; — laminate floor coverings; — floor panels for loose laying.

Keel en

Asendatud CEN/TS 15398:2008

KAVANDITE ARVAMUSKÜSITLUS

EN 13834:2007/prA1

Identne EN 13834:2007/prA1:2008

Tähtaeg 30.10.2008

Cookware - Ovenware for use in traditional domestic ovens

This European Standard specifies safety and performance requirements for items of ovenware for use in domestic ovens. It is applicable to all ovenware regardless of material or method of manufacture.

Keel en

EN 60335-2-5:2003/FprAB

Identne EN 60335-2-5:2003/FprAB:2008

Tähtaeg 30.10.2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-5: Erinõuded kaubanduslikele nõudepesumasinatele

Deals with the safety of electric dishwashers. The rated voltage is less than 250 V for single-phase appliances and 480 V for other appliances. For commercial electric dishwashing machines, see IEC 60335-2-58

Keel en

prEN 15649-4

Identne prEN 15649-4:2008

Tähtaeg 30.10.2008

Floating leisure articles for use on and in the water - Part 4: Additional specific safety requirements and test methods for Class B devices

This prEN 15649-4 is applicable for Class B floating leisure articles for use on or in water as classified in clause 4 regardless whether the buoyancy is achieved by inflation or inherent buoyant material. Class B devices provide a buoyant structure with one or more body openings into which the user is positioned partly immersed. The body openings may be equipped with an integrated body holding system or not. Class B devices are intended for single or collective use in appropriate water conditions i. e. free floating beyond user's standing depth.

Keel en

STANDARDITE TÕLKED KOMMENTEERIMISEL

Selles jaotises avaldame teavet eesti keelde tõlgitavate Euroopa või rahvusvaheliste standardite kohta.

Veebruarikuust 2004 alates ei avaldata teavet arvamusküsitluse jaotises eelpool nimetatud standardite kohta, kuna tegemist on varem jõustumisteate meetodil üle võetud standarditega, mille sisu osas arvamust avaldada ei saa. Alates aastast 2008 ei muuda standardi tõlkimine standardi tähises aastaarvu ning eestikeelse standardi avaldamise aasta on sama, mis standardi esmakordsel avaldamisel Eesti standardina (reeglina jõustumisteate meetodil standardi inglisekeelse teksti kättesaadavaks tegemisega).

Standardite tõlgetega tutvumiseks palume ühendust võtta EVS-i standardiosakonnaga standardiosakond@evs.ee või ostmiseks klienditeenindusega standard@evs.ee.

Tõlgete kommenteerimise ja ettepanekute esitamise perioodi lõpp on 01.10.2008

prEVS-EN ISO 10320:2000
Geotekstiilid ja geotekstiilipõhised tooted.Tuvastamine ehitusplatsil
Euroopa standard täpsustab geotekstiilidesse ja geotekstiilipõhistesse toodetesse puutuvat teavet selleks, et nende ehitusplatsil kasutaja saaks tuvastada nende identsust tellitud toodetega. Standardi oluline eesmärk on saavutada nt lahtipakitud või -rullitud geotekstiilide kindlat tuvastamist.
Identne: ISO 10320:1999 EN ISO 10320:1999

prEVS-EN ISO 12100-1:2004
Masinaohutus. Põhimõisted, projekteerimise üldpõhimõtted. Osa 1: Põhiterminoloogia, metoodika
Standard määratleb masinate ohutuse saavutamiseks kasutatava metoodika ja põhiterminoloogia. Standardis formuleeritud tingimused on mõeldud projekteerijatele. Standard ei käsitle koduloomade, vara või keskkonnakahjusid.
Identne: ISO 12100-1:2003; EN ISO 12100-1:2003

prEVS-EN ISO 12100-2:2004
Masinaohutus. Põhimõisted, konstrueerimise üldpõhimõtted. Osa 2: Tehnilised põhimõtted
Standard määratleb tehnilised põhimõtted, mis aitavad projekteerijal saavutada masinate konstruktsiooni ohutust. Käesolev osa on mõeldud kasutamiseks koos standardiga ISO 12100-1 kui kaalutakse teatud probleemi lahendust. ISO 12100 kahte osa võib kasutada teistest dokumentidest sõltumatult või teiste A- või B-liigi standardite ettevalmistamise alusena. Standard ei käsitle koduloomade, vara või keskkonnakahjusid.
Identne: ISO 12100-2:2003; EN ISO 12100-2:2003

prEVS-EN 12794:2006+A1:2007
Betoonvalmistooted. Vundamendivaiad KONSOLIDEERITUD TEKST
Euroopa standard spetsifitseerib terminoloogia, nõuded, põhilised toimivuskriteeriumid, katsemeetodid ja vastavushindamise korra tehases valmistatud betoonist vundamendivaiadele, mida kasutatakse hoonete ja rajatiste ehitamisel ning süvistatakse ehitusplatsil kasutades rammimist, vibreerimist, surumist või mõnda muud sobivat meetodit. Standardit võib rakendada ka ehitusplatsil ajutistes tsehhides valmistatud toodetele, kui tootmise järelevalve toimub vastavalt jaotise 6 eeskirjadele ja on vajaduse kohaselt ilmastikumõjude eest kaitstud.
Identne: EN 12794:2005+A1:2007

prEVS:EN 13119:2007
Rippfassaadid. Terminoloogia
Standard esitab terminoloogia, mida kasutatakse dokumentides, joonistel, spetsifikatsioonides jne rippfassaadi detailidele viidates ning tuuakse ära ulatuslik, kuigi mitte täielik tavakasutuse terminite nimekiri. Standardi eesmärgiks ei ole korrata neid füüsikalisi määratlusi, mis on korra kohaselt ära toodud toimivusnõudeid ja vastavaid katsemeetodeid käsitlevates rippfassaadi standardites.
Identne: EN 13119:2007

prEVS-EN 13224:2004+A1:2007
Betoonvalmistooted. Ribipaneelid KONSOLIDEERITUD TEKST
Standard määrab kindlaks vahe- ja katuslagedes kasutatavatele normaaltiheda raud- või pingebetoonist ribipaneelidele (monteeritavad ribipaneelid) esitatavad nõuded, peamised toimivuskriteeriumid ning vastavuse hindamise korra. Ribipaneelid koosnevad ülaplaadist ja ühest või enamast (tavaliselt kahest) töötava pikisarrusega ribist. Elemendil võib olla ka põhjaplaat ja põikiribid.
Identne: EN 13224:2004+A1:2007

prEVS-EN 13232-1:2003
Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed. Osa 1: Määratlused
Standard esitab heakskiidetud terminoloogia pöörmetele ja ristmetele. Eri komponendid on määratletud definitsioonide kaudu, vajadusel ka joonistele viidates, ning toodud nimetused kuuluvad kasutamisele eelisterminitena. Määratlused katavad pöörmete ja ristmete koostisosade detaile ja konstruktsiooni geomeetriat ning sisaldavad ka pöörmete liikumisi. Üksikasjalikum, konkreetse valdkonna eriterminoloogia määratletakse standardite sarja seostuvas osas.
Identne: EN 13232-1:2003

prEVS-EN 13232-2:2003
Raudteealased rakendused. Rööbastee. Pöörmed ja ristmed. Osa 2: Geomeetrilise konstruktsiooni nõuded
Standardi käesolev osa käsitleb järgmisi teemasid: - ratta juhtimisega seostuvad geomeetrilise projekteerimise põhimõtted; - lähteparameetrite põhipiirmäärade definitsioon; - rakendatavad jõud ja nende piisav toetus; - tolerantsitasemed. Eeltoodut on illustreeritud pöörme rakenduse näitel. Pöörmetel esinevad pöörme- ja ristme-komponentide kõik peamised koostis-osad ja nende puhul kehtivad põhimõtted on võrdväärselt kohaldatavad ka keerulisematele paigaldistele.
Identne: EN 13232-2:2003

EVS-EN ISO 13485:2004+AC 2007
Meditsiiniseadmed. Kvaliteedijuhtimissüsteem. Reguleerivad sätted (ISO 13485:2003)
Standard täpsustab kvaliteedijuhtimissüsteemi nõudeid, kus organisatsioon peab näitama oma suutlikkust pakkuda meditsiiniseadmeid ja seotud teenuseid, mis vastavad järjekindlalt kliendi nõuetele, ja reguleerivaid sätteid, mida rakendatakse meditsiiniseadmetele ja seotud teenustele.
Identne: ISO 13485:2003; EN ISO 13485:2003

EVS-EN 13501-5:2006
Ehitustoodete ja –elementide tuleohutusalane klassifikatsioon. Osa 5: Katusekatete klassifikatsioon tuletundlikkuse katsete alusel
Standard käsitleb katuste/katusekatete tuletundlikkuse klassifikatsiooni tuginedes neljale katsemeetodile, mis on toodud standardis ENV 1187:2002.
Identne: EN 13501-5:2005

prEVS-ENV 13803-1:2004
Raudteealased rakendused. 1435 mm ja laiema rööpmevahega raudteeliini projekteerimine. Osa 1: Rööbastee
Eelstandard määrab kindlaks rööbastee projekteerimisparameetrid, reeglid ja väärtused, mida tuleb kasutada suurima lubatud sõidukiiruse määramiseks nii uutel kui ka olemasolevatel rööbasteedel. Samuti käsitleb standard uue või olemasoleva rööbastee projekteerimisparameetrite määramist etteantud kiiruse järgi.
Identne: ENV 13803-1:2002

prEVS-EN 14188-3:2006
Vuugitihendid ja –täited. Osa 3: Kasutusvalmis vuugitäidete spetsifikatsioonid
Käesolev Euroopa standard kehtestab betoonkatete vulkaniseeritud kummist kasutusvalmis vuugitäidete nõuded. Samuti on esitatud valmis vuugitäidetele üldnõuded. Käesolevat Euroopa standardit saab rakendada uute betoonkatete vuugitäidete puhul ja betoonteede hooldustöödel
Identne: EN 14188-3:2006

prEVS-EN ISO 14689-1:2004
Geotehniline uurimine ja katsetamine. Kivimite tuvastamine ja liigitamine. Osa 1: Tuvastamine ja kirjeldamine
ISO 14689 esimene osa on pühendatud kivimmaterjali ja kivimimassi tuvastamisele ja kirjeldamisele mineraalkoostise, tekke, struktuuri, terasuuruse, katkestuspindade ja muude näitajate alusel. Ta annab ka reeglid muude omaduste kirjeldamiseks ja ka nende nimetamiseks. Standard kohaldub kivimite

kirjeldamisele geotehnika ja tsiviilehituse ehitusgeoloogia tarbeks. Kirjeldatakse puursüdamike ja muude looduskivimiproovide ning kivimimasside põhjal. Kivimimassi liigitussüsteemid, mis kasutavad üht või mitut kirjeldavat näitajat kivimimassi tõenäolise käitumise hindamiseks, jäävad standardi käsitlusalast välja (vt bibliograafiat). Pinnaste tuvastamist ja liigitamist inseneritehnilistel eesmärkidel käsitletakse standardites ISO 14688-1 ja ISO 14688-2.
Identne: ISO 14689-1:2003; EN ISO 14689-1:2003

prEVS-CEN/TR 14922:2004
Kantavad tulekustutid.
Tüüpkatselaboratoorium. EN 3-7 le vastav katsetamise aruanne
Dokumendis esitatud laboratooriumi aruande mudel on mõeldud kasutamiseks kõikidele laboratooriumitele, mis teostavad standardiga EN 3-7 määratud teste.
Identne: CEN/TR 14922:2004

AUGUSTIKUUS LAEKUNUD ALGUPÄRASE EESTI STANDARDI KOOSTAMISETTEPANEKUD

Alljärgnevalt on toodud teave möödunud kuu jooksul Standardikeskusele esitatud algupärase standardi koostamis-, muutmis ja uustöötlusettepankute kohta, millega algatatakse Eesti standardi koostamisprotsess:

Raudteealased rakendused. Reisijate ooteplatvormid (EVS 867:2003+A1:2007 muudatus)
Standard käsitleb raudteel reisijate ooteplatvormide projekteerimisele, ehitamisele ja hooldusele esitatavaid nõudeid, hõlmates nii uusi (ehitatavaid) kui ka olemasolevaid (rekonstrueeritavaid) ooteplatvorme, juurdepääsuteid ooteplatvormidele ning juurdepääsuteel asuvaid ülekäigukohti.
Standardi muudatusega konkretiseeritakse nõue ooteplatvormi perspektiivsele pikkusele projekteerimisel, samuti muudetakse teedevahelise madala ooteplatvormi trepi minimaalset laiust ja jäetakse ära teedevahelise madala ooteplatvormi puhkemademe nõue.

Radooniohutu hoone projekteerimine (EVS 840:2003 uustöötlus)
Standard on koostatud eesmärgiga anda projekteerijatele ja ehitajatele juhiseid radooniohutu hoone ehitamiseks, vältimaks tervistkahjustava radooni lubatud piirkontsentratsiooni ületamist ruumides, kus inimesed pikemat aega viibivad.
Standardi muutmine on vajalik, kuna standard EVS 839:2003 „Sisekliima“ kaotas kehtivuse ning sellega koos ka radoonisisalduse piirväärtus. Muudetavasse standardis tuuakse piirväärtus üle. Standardi pealkiri ja käsitlusala ei muutu.Sisuliselt tehakse mõned parandused seoses info kaasajastamisega.

Rohkem teavet Teile huvipakkuva standardiprojekti kohta on võimalik saada Standardikeskuse veebilehe (www.evs.ee) rubriigist: „Koostamisettepanekud“ ja Standardiosakonnast (standardiosakond@evs.ee).

AUGUSTIKUUS JÕUSTUNUD JA MÜÜGILE SAABUNUD EESTIKEELSED STANDARDID

EVS-EN 12007-2:2000
Gaasivarustussüsteemid. Torustikud maksimaalse töörõhuga kuni 16 bar, kaasa arvatud. Osa 2: Erisoovitused polüetüleentorustikele (MOP ≤ 10 bar) 151.-
Eesti standard on Euroopa standardi EN 12007-2:2000 "Gas supply systems – Pipelines for maximum operating pressure up to and including 16 bar – Part 2: Specific functional recommendations for polyethylene (MOP up to and including 10 bar)" ingliskeelse teksti identne tõlge eesti keelde.
Standard kirjeldab täiendavalt standardis EN 12007-1 toodud üldistele soovitustele spetsiaalseid talitluslikke soovitusi polüetüleenist (PE) torustikele, mille:

a. maksimaalne töörõhk (MOP) on kuni 10 bar, kaasa arvatud;
b. töötemperatuur on vahemikus -20 °C kuni +40 °C.

Euroopa standard määrab kindlaks gaasivarustussüsteemi põhialused. Standardi kasutajad peavad olema teadlikud, et CEN liikmesmaades võivad olla üksikasjalikumad standardid ja/või eeskirjad.
Standard on mõeldud kasutamiseks koos nende liikmesriikide standarditega ja/või eeskirjadega, mis seavad täpsemalt ülalnimetatud põhialused.

EVS-EN 12007-3:2000
Gaasivarustussüsteemid. Torustikud maksimaalse töörõhuga kuni 16 bar, kaasa arvatud. Osa 3: Erisoovitused terastorustikele 123.-
Eesti standard on Euroopa standardi EN 12007-3:2000 "Gas supply systems – Pipelines for maximum operating pressure up to and including 16 bar – Part 3: Specific functional recommendations for steel" ingliskeelse teksti identne tõlge eesti keelde.
Standard kirjeldab täiendavalt standardis EN 12007-1 toodud üldistele talitluslikele soovitustele spetsiaalseid talitluslikke soovitusi terastorustikele, mille maksimaalne töörõhk (MOP) on kuni 16 bar, kaasa arvatud. Standard määrab kindlaks gaasivarustussüsteemi põhialused. Standardi kasutajad peavad olema teadlikud, et CEN liikmesmaades võivad olla üksikasjalikumad standardid ja/või eeskirjad. Standard on mõeldud kasutamiseks koos nende liikmesriikide standarditega ja/või eeskirjadega, et tuua välja ülalnimetatud põhiprintsiibid

EVS-EN 62053-22:2003
Elektrimõõteseadmed vahelduvvoolule. Erinõuded. Osa 22: Staatilised aktiivenergia arvestid (klass 0,2 S ja 0,5 S) 141.-
Eesti standard on Euroopa standardi EN 62053-22:2003 "Electricity metering equipment (a.c.) – Particular Requirements – Part 22: Static meters for active energy (classes 0,2 S and 0,5 S)" ingliskeelse teksti identne tõlge eesti keelde.
Standard kehtib uutele toodetud täpsusklassi 0,2 S ja 0,5 S staatilistele 50 Hz või 60 Hz vahelduvvooluvõrkudes aktiivenergia hulga mõõtmise arvestitele ning rakendub ainult nende tüübikatsetustele. Standard laieneb ainult trafoühendusega sisepaigalduse staatilistele energia (vatt-tunni)- arvestitele, mis sisaldavad mõõteelementi ja registr(eid)it. See laieneb ka kontrollväljundi(te)le ja tööindikaatori(te)le. Kui arvesti omab mõõteelementi rohkem kui ühele energiatüübile (multienergiaarvestid) või kui ta sisaldab oma korpuses teisi funktsionaalseid elemente, nagu maksimaalkoormuse indikaatoreid, elektroonseid tariifiregistreid, lülituskellasid, kaugjuhtimisvastuvõtjaid, andmeedastuse sobituselemente jne, siis rakenduvad ka nende elementide asjaomased standardid.

EVS-EN 62053-23:2003
Elektrimõõteseadmed vahelduvvoolule. Erinõuded. Osa 23: Staatilised reaktiivenergia arvestid (klass 2 ja 3) 151.-
Eesti standard on Euroopa standardi EN 62053-23:2003 "Electricity metering equipment (a.c.) – Particular Requirements – Part 23: Static meters for reactive energy (classes 2 and 3)" ingliskeelse teksti identne tõlge eesti keelde.
Standard kehtib uutele toodetud täpsusklassi 2 ja 3 staatilistele 50 Hz või 60 Hz vahelduvvoolu võrkudes reaktiivenergia hulga

mõõtmise arvestitele ning rakendub ainult nende tüübikatsetustele. Praktilistel kaalutlustel põhineb standard ainult põhisagedust sisaldavale sinusoidaalsete pingete ja vooludega reaktiivenergia kokkuleppelisele määratlusele. Standard laieneb ainult sise-ja välipaigalduse staatilistele reaktiivenergia (var-tunni) arvestitele, mis sisaldavad mõõteelementi ja registr(eid)it. See laieneb ka kontrollväljundi(te)le ja tööindikaatori(te)le. Kui arvesti omab mõõteelementi(te) rohkem kui ühele energiatüübile (multi-energiaarvestid) või kui see sisaldab oma korpuses teisi funktsionaalseid elemente, nagu maksimaal-koormuse indikaatoreid, elektroonseid tariifiregistreid, lülituskellasid, kaugjuhtimis-vastuvõtjaid, andmeedastuse sobituselemente jne, siis rakenduvad ka nende elementide asjaomased standardid.

EVS-EN 14188-1:2004
Vuugitihendid ja -täited. Osa 1: Kuumalt kasutatavate vuugitäidete spetsifikatsioon 141.-
Eesti standard on Euroopa standardi EN 14188-1:2004 “Joint fillers and sealants – Part 1: Specifications for hot applied sealants” ingliskeelse teksti identne tõlge eesti keelde.
Dokument määratleb nõuded teedel, lennuväljadel ning muudel liiklusaladel kasutatavate tavalistele ning kütusekindlatele kuumalt kasutatavate vuugitäidetele. Spetsifikatsioon kehtib asfaltkatetes ning asfaltkatete ja betoonsillutise vahel tavalistelt kuumalt kasutatavatele vuugitäidetele.

EVS-EN 14889-1:2006
Betoonis kasutatavad kiud. Osa 1: Teraskiud. Määratlused, spetsifikatsioon ja vastavus 162.-
Eesti standard on Euroopa standardi EN 14889-1:2006 “Fibres for concrete – Part 1: Steel fibres – Definitions, specifications and conformity” ingliskeelse teksti identne tõlge eesti keelde.
Euroopa standardi EN 14889 1. osa spetsifitseerib betoonis, mördis ja injekteerimismördis arvutusliku või mitte-arvutusliku sarrusena kasutatavatele teras-kiududele esitatavad nõuded.
MÄRKUS Kiudude arvutuslik kasutus tähendab, et lisatavate kiudude mõju võetakse betoonelemendi kandevõime määramisel arvesse. Standard hõlmab kõikides betooni ja mördi liikides, sealhulgas prits-, põranda-, valmiselementide-, kohtvalu- ja parandus-betoonides kasutatavaid kiude.

EVS-EN 14889-2:2006
Betoonis kasutatavad kiud. Osa 2: Polümeerkiud. Määratlused, spetsifikatsioon ja vastavus 171.-
Eesti standard on Euroopa standardi EN 14889-2:2006 "Fibres for concrete – Part 2 – Polymer fibres – Definitions, specifications and conformity" ingliskeelse teksti identne tõlge eesti keelde.
Euroopa standardi EN 14889 2. osa spetsifitseerib betoonis, mördis ja injekteerimismördis arvutusliku või mitte-arvutusliku sarrusena kasutatavatele polümeerkiududele esitatavad nõuded.
MÄRKUS Kiudude arvutuslik kasutus tähendab, et lisatavate kiudude mõju võetakse betoonelemendi kandevõime määramisel arvesse. Käesolev standard hõlmab kõikides betooni ja mördi liikides, sealhulgas prits-, põranda-, valmiselementide-, kohtvalu- ja parandusbetoonides kasutatavaid kiude.

EVS-ISO/IEC 15289:2008
Süsteemi- ja tarkvaratehnika. Süsteemide ja tarkvara elutsükli protsesside infosaaduste (dokumentatsiooni) sisu (ISO/IEC 15289:2006) 233.-
Eesti standard on rahvusvahelise standardi ISO/IEC 15289:2006 “Systems and software engineering – Content of systems and software life cycle process information products (Documentation)" ingliskeelse teksti identne tõlge eesti keelde.
Standard eeldab, et organisatsioon rakendab elutsükli protsesse vastavalt standardile ISO/IEC 15288:2002 või ISO/IEC 12207:1995 (koos muudatustega 1 ja 2). ISO/IEC 15288:2002 määratleb rea protsesse süsteemi elutsükli järkude halduseks ja sooritamiseks. Ta määratleb infohalduse protsessi, kuid "ei detailiseeri dokumentatsiooni nimetuste, vormingu, nähtava sisu ega infokandja mõttes" (jaotis 1.3). ISO/IEC 12207:1995 koos muudatustega 1 ja 2 rajab tarkvara elutsükli protsesside jaoks üldise raamstruktuuri ning sealjuures nimetab või nõuab mitmeid dokumentatsiooniüksusi. Standardi eesmärk on juhendada standardite ISO/IEC 12207:1995 (koos muudatustega 1 ja 2) ja ISO/IEC 15288:2002 kasutajaid süsteemide ja tarkvara elutsüklite käigus

loodavate konkreetsete infoüksuste piiritlemisel ja plaanimisel

EVS-EN 13231-1:2006
Raudteealased rakendused. Rööbastee. Tööde vastuvõtmine. Osa 1: Tööd ballastiga pealisehitisel. Raudtee rada 123.-
Eesti standard on Euroopa standardi EN 13231-1:2006 ”Railway applications – Track – Acceptance of works – Part 1: Works on ballasted track – Plain line“ ingliskeelse teksti identne tõlge eesti keelde.
Euroopa standard määratleb nõuded ja piirhälbed 1435 mm ja laiema rööpmevahega ballastiga pealisehitisega seostuvate tööde vastuvõtmiseks.

EVS-EN 13231-2:2006
Raudteealased rakendused. Rööbastee. Tööde vastuvõtmine. Osa 2: Tööd ballastiga pealisehitisel. Pöörmed ja ristmed 132.-
Eesti standard on Euroopa standardi EN 13231-2:2006 “Railway applications – Track – Acceptance of works – Part 2: Works on ballasted track – Switches and crossings” ingliskeelse teksti identne tõlge eesti keelde.
Euroopa standard määratleb nõuded ja piirhälbed 1435 mm ja laiema rööpmevahega ballastiga pealisehitisega seostuvate tööde vastuvõtmiseks.

EVS-EN 13803-2:2007
Raudteealased rakendused. 1435 mm ja laiema rööpmevahega rööbastee projekteerimine. Osa 2: Pöörmed, ristmed ja nendega sarnaneva geomeetriaga järsult muutuva raadiusega kõverike projekteerimisolukorrad 208.-
Eesti standard on Euroopa standardi EN 13803-2:2006 "Railway applications – Track alignment design parameters – Track gauges 1435 mm and wider – Part 2: Switches and crossings and comparable alignment design situations with abrupt changes of curvature" ingliskeelse teksti identne tõlge eesti keelde (kaasa arvatud parandus AC:2007).
Euroopa standard määratleb reeglid ja väärtused raudteetrassi kavandamiseks, mille käigus määratakse järskude kõverikega ja muutuva välisrööpa kõrgendusega rööbasteedel liikumiseks lubatavad maksimaalkiirused. Mainitud tingimused leiavad aset järgmistes olukordades:

- pöörmete ja ristmete kõrvalteedel;
- juhtudel, kus üleminekukõverike kavandamine pole praktiliselt teostatav;
- kui üleminekukõveriku pikkus jääb alla rööbastee puhul nõutava miinimumi.

Pöörmete ja ristmete komponentide ja alamsüsteemide mehaanilist toimet iseloomustavad tehnilised nõuded on määratud seostuvate standarditega. Euroopa standardi puhul on eeldatud, et ekspluatatsioonil kasutatav veerem on selles standardis sätestatud piirväärtustele vastavate tingimuste kohaselt ühetaolisena määratletud. Euroopa standard on kohaldatav 1 435 mm ja laiema rööpmevahega pöörmete ja ristmete ning sirge rööbastee järsult muutuvate kõverike puhul. Lisa C on kohaldatav üle 1 435 mm rööpmevahe korral. Euroopa standardis on määratletud nõuded puhvrite haakumise ärahoidmiseks.

EVS klienditeenindus
(müük ja tutvumine standarditega)
Standardikeskuses Aru tn 10,
10317, Tallinn

Telefon: 605 5060 ja 605 5065
Faks: 605 5063
E-mail: standard@evs.ee

Ostu saab sooritada ka meie koduleheküljel asuvas ostukorvis www.evs.ee/POOD