

EVS TEATAJA

Ilmub üks kord kuus alates 1993. aastast

06/2008

Harmoneeritud standardid



WTO teatised



Uued Eesti standardid



Eesti keeles müügil



SISUKORD

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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 **küttegaasiseadmete** ning **surveseadmete** direktiivide kontekstis harmoneerituks tunnistatud uute (harmoneeritud) standardite loetelu (avaldatud mai 2008 Euroopa Ühenduste Teataja C-seerias).

Kõik avaldatud standardid on üle võetud Eesti standarditeks.

NÕUKOGU DIREKTIIV 97/23/EÜ Surveseadmed

(2008/C 111/10)

06.05.2008

Viide ühtlustatud standardile ja standardi pealkiri (ja viitedokument)	Viide asendatavale standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse Märkus 1
EN 1092-1:2007 Äärikud ja nende ühendused. Ümmargused äärikud torudele, ventiilidele, ühendusdetailidele ja lisaseadmetele, PN klassifikatsiooniga. Osa 1: <i>Terasäärikud / Flanges and their joints - Circular flanges for pipes, valves, fittings and accessories, PN designated - Part 1: Steel flanges</i>	-	
EN 1171:2002 Tööstusventiilid. Malmist siibrid / <i>Industrial valves - Cast iron gate valves</i>	-	
EN 10213:2007 Surveotstarbeline terasvalu / <i>Steel castings for pressure purposes</i>	EN 10213-1:1995 EN 10213-2:1995 EN 10213-3:1995 EN 10213-4:1995	31.5.2008
EN 10216-2:2002+A2:2007 Surveotstarbelised õmblusteta terastorud. Tehnilised tarnetingimused. Osa 2: Süsinik- ja legeerterasest kõrgendatud temperatuuriomadustega torud KONSOLIDEERITUD TEKST / Seamless steel tubes for pressure purposes - Technical delivery conditions - Part 2: Non-alloy and alloy steel tubes with specified elevated temperature properties CONSOLIDATED TEXT	EN 10216-2:2002	Kehtivuse lõppkuupäev (29.2.2008)

EN 10253-2:2007 Pökk-keevitusega toruliitmikud. Osa 2: Spetsiifiliste järelevalvenõuetega legeerimata ja ferrititersed / <i>Butt-welding pipe fittings - Part 2: Non alloy and ferritic alloy steels with specific inspection requirements</i>	-	
EN 10253-4:2008 Butt-welding pipe fittings - Part 4: Wrought austenitic and austenitic-ferritic (duplex) stainless steels with specific inspection requirements	-	
EN 12516-4:2008 Tööstuslikud ventiilid. Ümbriskesta tugevus. Osa 4: Arvutusmeetod ventiilide ümbriskestadele, mis on valmistatud terasest erinevast metallist / <i>Industrial valves - Shell design strength - Part 4: Calculation method for valve shells manufactured in metallic materials other than steel</i>	-	
EN 12952-11:2007 Veetorudega katlad ja abipaigaldised. Osa 11: Nõuded boileri ja abiseadmete limiteerimisüksustele / <i>Water-tube boilers and auxiliary installations - Part 11: Requirements for limiting devices of the boiler and accessories</i>	-	
EN 12953-9:2007 Trummelkatlad. Osa 9: Nõuded boileri ja abiseadmete limiteerimisüksustele / <i>Shell boilers - Part 9: Requirements for limiting devices of the boiler and accessories</i>	-	
EN 13445-1:2002/A1:2007 Leekkuumutuseta surveanumad. Osa 1: Üldine / <i>Unfired pressure vessels - Part 1: General</i>	Märkus 3	Kehtivuse lõppkuupäev (31.12.2007)
EN 13445-1:2002/A3:2007 Leekkuumutuseta surveanumad. Osa 1: Üldine / <i>Unfired pressure vessels - Part 1: General</i>	Märkus 3	Kehtivuse lõppkuupäev (29.2.2008)
EN 13445-2:2002/A1:2007 Leekkuumutuseta surveanumad. Osa 2: Materjalid / <i>Unfired pressure vessels - Part 2: Materials</i>	Märkus 3	Kehtivuse lõppkuupäev (31.12.2007)
EN 13445-3:2002/A1:2007 Leekkuumutuseta surveanumad. Osa 3: Kavandamine / <i>Unfired pressure vessels - Part 3: Design</i>	Märkus 3	Kehtivuse lõppkuupäev (31.10.2007)
EN 13445-3:2002/A3:2007 Leekkuumutuseta surveanumad. Osa 3: Kavandamine / <i>Unfired pressure vessels - Part 3: Design</i>	Märkus 3	Kehtivuse lõppkuupäev (31.10.2007)
EN 13445-3:2002/A17:2007 Leekkuumutuseta surveanumad. Osa 3: Kavandamine / <i>Unfired pressure vessels - Part 3: Design</i>	Märkus 3	Kehtivuse lõppkuupäev (30.04.2007)
EN 13445-4:2002/A2:2006 Leekkuumutuseta surveanumad. Osa 4: Valmistamine / <i>Unfired pressure vessels - Part 4: Fabrication</i>	Märkus 3	Kehtivuse lõppkuupäev (30.6.2007)
EN 13445-5:2002/A1:2007 Leekkuumutuseta surveanumad. Osa 5: Kontroll ja katsetamine / <i>Unfired pressure vessels - Part 5: Inspection and testing</i>	Märkus 3	Kehtivuse lõppkuupäev (31.12.2007)
EN 13480-8:2007 Metallist tööstustorustik. Osa 8: Täiendavad nõuded alumiiniumist ja alumiiniumsulamist torudele / <i>Metallic industrial piping - Part 8: Additional requirements for aluminium and aluminium alloy piping</i>	-	

EN 13611:2007 Gaasipõletite ja gaasikütteseadmete ohutus- ja juhtseadmed. Üldnõuded / <i>Safety and control devices for gas burners and gas burning appliances - General requirements</i>	-	
EN 13799:2002 LPG tsisternide sisumõõdikud / <i>Contents gauges for LPG tanks</i>	-	
EN 13835:2002 EN 13835:2002/A1:2006 Valutehnoloogia. Austeniitvalumalm / <i>Founding - Austenitic cast irons</i>	-	
EN ISO 15614-1:2004/A1:2008 Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine. Keevitusprotseduuri katse. Osa 1: Teraste gaas- ja kaarkeevitus ning nikli ja niklisulamite kaarkeevitus (ISO 15614-1:2004) / <i>Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys (ISO 15614-1:2004)</i>	Märkus 3	31.8.2008
EN ISO 15614-7:2007 Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine. Keevitusprotseduuri katse. Osa 7: Pindkeevitus / <i>Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 7: Overlay welding</i>	-	

NÕUKOGU DIREKTIIV 90/396/EMÜ Küttegaasiseadmed
(2008/C 127/14)
24.05.2008

Viide ühtlustatud standardile ja standardi pealkiri (ja viitedokument)	Viide asendatavale standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse Märkus 1
EN 88-1:2007 Rõhuregulaatorid ja nendega seotud ohutusseadmed gaasiseadmetele. Osa 1: Rõhuregulaatorid sisendrõhule kuni 500 mbar / <i>Pressure regulators and associated safety devices for gas appliances - Part 1: Pressure regulators for inlet pressures up to and including 500 mbar</i>	EN 88:1991	31.5.2008
EN 88-2:2007 Rõhuregulaatorid ja nendega seotud ohutusseadmed gaasiseadmetele sisendrõhuga vahemikus 0,5 bar ja 5 bar / <i>Pressure regulators and associated safety devices for gas appliances - Part 2: Pressure regulators for inlet pressures above 500 mbar up to and including 5 bar</i>	-	
EN 13611:2007 Gaasipõletite ja gaasikütteseadmete ohutus- ja juhtseadmed. Üldnõuded / <i>Safety and control devices for gas burners and gas burning appliances - General requirements</i>	EN 13611:200	31.5.2008

EN 14543:2005 + A1:2007 Vedelgaasiseadmete tehniline kirjeldus. Rõdude küttekehad. Lõõrita soojust kiirgavad küttekehad kasutamiseks välistingimustes või piisava ventilatsiooniga ruumides KONSOLIDEERITUD TEKST / <i>Specification for dedicated liquefied petroleum gas appliances - Parasol patio heaters - Flueless radiant heaters for outdoor or amply ventilated area use CONSOLIDATED TEXT</i>	EN 14543:2005	Selle avaldamise kuupäev
EN 14829:2007 Suitsulõõrita autonoomne gaaskütteseade nimisoojatootlikkusega kuni 6 kW / <i>Independent gas-fired flueless space heaters for nominal heat input not exceeding 6 kW</i>	-	

Märkus 1

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

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	KOMMENTAARIDE ESITAMISE VIIMANE KUUPÄEV
G/SPS/N/ARG/119 29. aprill 2008	ARGENTIINA	Tai	<i>Dracaena sanderiana</i> dekoratiivtaimed	taimekaitse	60 päeva
G/SPS/N/CAN/316 29 April 2008	KANADA	-	fludioksoniil (ICS: 65.020, 65.100, 67.060, 67.080)	toiduohutus	6. juuli 2008
G/SPS/N/ARG/120 29. aprill 2008	ARGENTIINA	Hiina Taipei	<i>Dracaena sanderiana</i> dekoratiivtaimed	taimekaitse	60 päeva
G/SPS/N/CHL/277 30. aprill 2008	TŠIILI	kõik kaubandus-partnerid	veiste külmutatud paljundusmaterjal	loomatervis	-
G/SPS/N/ALB/65 2. mai 2008	ALBAANIA	Slovakkia, Nitra ja Banska Bystrica piirkonnad	kodu- ja metssead	toiduohutus/ loomatervis/ inimeste kaitsmine looma-/ taime- haiguste või kahjurite eest	-
G/SPS/N/BRA/402 2. mai 2008	BRASIILIA	kõik riigid	loomsed kõrvalsaadused	loomatervis/ territooriumi kaitsmine kahjurite eest	-
G/SPS/N/BRA/403 2. mai 2008	BRASIILIA	Lõuna-Aafrika	peediseemned (<i>Beta vulgaris</i>)	taimekaitse/ territooriumi kaitsmine kahjurite eest	-
G/SPS/N/BRA/404 2. mai 2008	BRASIILIA	Lõuna-Aafrika	porgandi-seemned (<i>Daucus carota</i>)	taimekaitse/ territooriumi kaitsmine kahjurite eest	-
G/SPS/N/BRA/405 2. mai 2008	BRASIILIA	kõik riigid	pestitsiidid õuntel	toiduohutus	-
G/SPS/N/AUS/223 6. mai 2008	AUSTRALIA	kõik riigid	toit üldiselt	toiduohutus	20. juuni 2008

G/SPS/N/BRA/406 - 408 6. mai 2008	BRASIILIA	MERCOSUR riigid (Argentiina, Brasiilia, Paraguay ja Uruguay)	hobuslased	loomatervis/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	-
G/SPS/N/BRA/409 6. mai 2008	BRASIILIA	MERCOSUR riigid (Argentiina, Brasiilia, Paraguay ja Uruguay)	emamesilased ja mesindustooted (HS peatükk 4, 0409)	loomatervis	-
G/SPS/N/CAN/321 6. mai 2008	KANADA	-	spinetoram (ICS: 65.020, 65.100, 67.060, 67.080, 67.100, 67.120)	toiduohutus	12. juuli 2008
G/SPS/N/KOR/279 6. mai 2008	KOREA VABARIIK	kõik kaubanduspartnerid	toit	toiduohutus	60 päeva
G/SPS/N/SLV/80 6. mai 2008	EL SALVADOR	kaubanduspartnerid	erinevad tooted	loomatervis	-
G/SPS/N/SLV/81 6. mai 2008	EL SALVADOR	kaubanduspartnerid	toidukaubad (ICS: 67.050)	toiduohutus	60 päeva
G/SPS/N/HND/30 8. mai 2008	HONDURAS	kaubanduspartnerid	toidukaubad (ICS: 67.050)	toiduohutus	60 päeva
G/SPS/N/ARM/13 15. mai 2008	ARMEENIA	kõik kaubanduspartnerid	toit ja toidu lisaained	toiduohutus/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	5. juuli 2008
G/SPS/N/CHN/109 15. mai 2008	HIINA	kõik riigid	sööt	toiduohutus/taimekaitse/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	60 päeva
G/SPS/N/GTM/44 15. mai 2008	GUATEMALA	kaubanduspartnerid	toidukaubad (ICS: 67.050)	toiduohutus/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	30 päeva
G/SPS/N/PHL/135 15. mai 2008	FILIPIINID	kõik riigid	taimed ja taimetooted	taimekaitse	16. juuni 2008
G/SPS/N/PHL/136 15. mai 2008	FILIPIINID	Austraalia	jahu, liha (HS 2301.10.00)	loomatervis	16. juuni 2008
G/SPS/N/BRA/410 19. mai 2008	BRASIILIA	kõik riigid	pestitsiidid lehtsalatil, kartulil, sibulal, arbuusil, melonil, kurgil ja tomatil	toiduohutus	-

G/SPS/N/BRA/411 19. mai 2008	BRASIILIA	kõik riigid	pestitsiidid puuvilla- seemnetel, ubadel ja sojaubadel	toiduohutus	-
G/SPS/N/BRA/412 19. mai 2008	BRASIILIA	kõik riigid	alkohoolsed joogid	toiduohutus	24. juuni 2008
G/SPS/N/BRA/413 19. mai 2008	BRASIILIA	kõik riigid	liha, piim, mesi, munad ja kalatooted	toiduohutus	-
G/SPS/N/BRA/414 19. mai 2008	BRASIILIA	kõik riigid	loomsed kõrvalsaadused	loomatervis/ territooriumi kaitsmine kahjurite eest	-
G/SPS/N/BRA/415 19. mai 2008	BRASIILIA	kõik riigid	liköörid ja karastusjoogid	toiduohutus	25. juuni 2008
G/SPS/N/BRA/416 19. mai 2008	BRASIILIA	kõik riigid	vähem kui 80% alkoholi- sisaldusega joogid	toiduohutus	24. juuni 2008
G/SPS/N/BRA/417 19. mai 2008	BRASIILIA	kõik riigid	muud kääritatud joogid (siider jne)	toiduohutus	24. juuni 2008
G/SPS/N/BRA/418 19. mai 2008	BRASIILIA	kõik riigid	pestitsiidid	toiduohutus/ taimekaitse/ inimeste kaitsmine looma- /taime- haiguste või kahjurite eest/ territooriumi kaitsmine kahjurite eest	24. juuni 2008
G/SPS/N/CAN/322 20. mai 2008	KANADA	kõik kaubandus- partnerid	imasetapiür (ICS: 65.020, 65.100, 67.220)	toiduohutus	22. juuli 2008
G/SPS/N/CAN/323 20. mai 2008	KANADA	kõik kaubandus- partnerid	setoksüdiim (ICS: 65.020, 65.100, 67.080)	toiduohutus	21. juuli 2008
G/SPS/N/CAN/324 20. mai 2008	KANADA	kõik kaubandus- partnerid	tsüromasiin, (ICS: 65.020, 65.100, 67.080)	toiduohutus	21. juuli 2008
G/SPS/N/CAN/325 20. mai 2008	KANADA	kõik kaubandus- partnerid	pyrasulfotool (ICS: 65.020, 65.100, 67.060, 67.100, 67.120)	toiduohutus	21. juuli 2008
G/SPS/N/CAN/326 20. mai 2008	KANADA	kõik kaubandus- partnerid	bromoksüniil (ICS: 65.020, 65.100, 67.080)	toiduohutus	21. juuli 2008
G/SPS/N/CAN/327 20. mai 2008	KANADA	kõik kaubandus- partnerid	metalaksüül (ICS: 65.020, 65.100, 67.080)	toiduohutus	22. juuli 2008
G/SPS/N/CAN/328 20. mai 2008	KANADA	kõik kaubandus- partnerid	trifloksüstrobiini (ICS: 65.020, 65.100, 67.080)	toiduohutus	22. juuli 2008
G/SPS/N/CAN/329 20. mai 2008	KANADA	kõik kaubandus- partnerid	suhkruasendajast sukraloosist (ICS: 67.220)	toiduohutus	24. juuli 2008

G/SPS/N/ECU/43 20. mai 2008	ECUADOR	-	puuvill	taimekaitse/ inimeste kaitsmine looma- /taime- haiguste või kahjurite eest/ territooriumi kaitsmine kahjurite eest	-
G/SPS/N/JPN/211 20. mai 2008	JAAPAN	kõik riigid	taimed ja taimetooted	taimekaitse	60 päeva
G/SPS/N/NZL/397 20. mai 2008	UUS MEREMAA	kõik riigid	loomsed tooted	loomatervis	-
G/SPS/N/NZL/398 20. mai 2008	UUS MEREMAA	kõik riigid	kookos ja kookose- kiududest tooted	taimekaitse	-
G/SPS/N/JPN/213 20. mai 2008	JAAPAN	kõik riigid	toidu lisaained (nisiin)	toiduohutus	60 päeva
G/SPS/N/JPN/212 20. mai 2008	JAAPAN	kõik riigid	liha ja rupskid, kala ja koorikloomad, piimatooted ja munad , juurvili ja söödavad juured ning mugulad, puuvili ja pähklid, tsitruseliste/ meloniliste koor (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, teravili , õliviljad	toiduohutus	60 päeva
G/SPS/N/NIC/46 21. mai 2008	NICARAGUA	kaubandus- partnerid	toidukaubad	toiduohutus	60 päeva
G/SPS/N/NOR/26 21. mai 2008	NORRA	Hiina	erinevad tooted	toiduohutus/ loomatervis	-
G/SPS/N/NZL/399 21. mai 2008	UUS MEREMAA	Austraalia	hobused	loomatervis	-
G/SPS/N/PHL/ 137, 138 21. mai 2008	FILIPIINID	kõik riigid	jahu HS 1902.30.10 ja 1902.30.90	toiduohutus	7. juuli 2008

G/SPS/N/USA/1794 21. mai 2008	USA	kõik kaubandus-partnerid	pähklid, mandlid, oder, nisu	toiduohutus/taimekaitse/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	14. juuli 2008
G/SPS/N/BRA/419 22. mai 2008	BRASIILIA	Hiina	tubakalehed (<i>Nicotiana tabacum</i>) (ICS: 2401.10.20)	taimekaitse/territooriumi kaitsmine kahjurite eest	-
G/SPS/N/BRA/420 22. mai 2008	BRASIILIA	kõik riigid	loomakondid ja muud tooted – HS: 0506.90	loomatervis	60 päeva
G/SPS/N/MAR/27 23. mai 2008	MAROKO	kõik riigid	loomsed tooted	toiduohutus/loomatervis/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	-
G/SPS/N/USA/1795 27. mai 2008	USA	kõik kaubandus-partnerid	külmutatud piimatoodetest magustoidud, juustud, lihatooted ja linnuliha tooted	toiduohutus	-
G/SPS/N/USA/1796 27. mai 2008	USA	kõik kaubandus-partnerid	maapähkel	toiduohutus/taimekaitse/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	21. juuli 2008
G/SPS/N/USA/1797 27. mai 2008	USA	kõik kaubandus-partnerid	puuvill, veised, munad, kitsed, sead, hobused, kodulinnud, lambad, piim, teravili, sojaoad, riis, nisu	toiduohutus/loomatervis/taimekaitse/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	21. juuli 2008
G/SPS/N/USA/1798 27. mai 2008	USA	kõik kaubandus-partnerid	puuvill	toiduohutus/taimekaitse/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	21. juuli 2008

G/SPS/N/USA/1799 27. mai 2008	USA	kõik kaubandus-partnerid	õun, greip, sidrun, laim, nektariin, apelsin, virsik, pirn, mandariin, greipiin	toiduohutus/taimekaitse/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	-
G/SPS/N/USA/1800 27. mai 2008	USA	kõik kaubandus-partnerid	veised, kitsed, sead, hobused, lambad	toiduohutus/taimekaitse/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	21. juuli 2008
G/SPS/N/USA/1801 27. mai 2008	USA	kõik kaubandus-partnerid	mesi	toiduohutus/taimekaitse/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	21. juuli 2008
G/SPS/N/USA/1802 27. mai 2008	USA	kõik kaubandus-partnerid	tsitrusviljad, luuviljalised, oliivid, pistaatsiapähkel, granaatõun, kõrvits, juurvili, marjad, piparmünt, pähklid	toiduohutus/taimekaitse/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	-
G/SPS/N/USA/1803 27. mai 2008	USA	kõik kaubandus-partnerid	peet, piim, hobused, veised, kitsed, sead, lambad, nisu, sojauba, mais	toiduohutus/loomatervis/taimekaitse/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	21. juuli 2008
G/SPS/N/USA/1804 27. mai 2008	USA	kõik kaubandus-partnerid	murru, spinat, tomat, okra	toiduohutus/loomatervis/taimekaitse/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	21. juuli 2008
G/SPS/N/KOR/280 28. mai 2008	KOREA VABARIIK	kõik kaubandus-partnerid	pakitud linnuliha	toiduohutus/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	60 päeva

G/SPS/N/NZL/400 28. mai 2008	UUS MEREMAA	kõik riigid	<i>Avena, Hordeum, Phaseolus, Triticum, Vicia</i> ja <i>Zea</i> külvisemned	taimekaitse	-
G/SPS/N/USA/1805 28. mai 2008	USA	kõik kaubandus-partnerid	teravili, puuvill, rapsiseeme, canola seemned, veised, kitsed, sead, hobused, lambad, oder, sorgo, kaer, nisu, mais, tatar, hirss, iis, rukis, teosinte, tritikale, metsriis, päevalill, värvohakas	toiduohutus/taimekaitse/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	21. juuli 2008
G/SPS/N/USA/1806 28. mai 2008	USA	kõik kaubandus-partnerid	kirss, nektariin, vesikress, virsik, ploom, mais, veised, oliivid, suhkrupeet, humal, greip, redis, hernes, marjad, seemned	toiduohutus/loomatervis/taimekaitse/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	21. juuli 2008
G/SPS/N/USA/1807 28. mai 2008	USA	kõik kaubandus-partnerid	erinevad puu- ja juurviljad	toiduohutus/taimekaitse/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	21. juuli 2008
G/SPS/N/TPKM/137 29. mai 2008	TAIWANI, PENGHU, KINMENI JA MATSU ERALDI TOLLI-TERRITOORIUM	kõik kaubandus-partnerid	butaan	toiduohutus	14. juuli 2008
G/SPS/N/TPKM/138 29. mai 2008	TAIWANI, PENGHU, KINMENI JA MATSU ERALDI TOLLI-TERRITOORIUM	kõik kaubandus-partnerid	propaan	toiduohutus	14. juuli 2008
G/SPS/N/ALB/66 30. mai 2008	ALBAANIA	Albaania	piim, piimatooted	toiduohutus/inimeste kaitsmine looma-/taimehaiguste või kahjurite eest	60 päeva

WTO SEKRETARIAADILT SAABUNUD TBT TEATISED

NUMBER & ESITAMIS-KUUPÄEV	RIIK	TOODE/KAUP/TEENUS	EESMÄRK	KOMMENTAARIDE ESITAMISE VIIMANE KUUPÄEV
G/TBT/N/MAR/20 30. aprill 2008	MAROKO	mootorsõidukite osad	ohutus	-
G/TBT/N/MEX/139 2. mai 2008	MEHHIKO	mänguasjad	tarbijainfo	-
G/TBT/N/SAU/ 1, 2 6. mai 2008	SAUDI ARAABIA	erinevad tooted	vastavushindamine	60 päeva
G/TBT/N/SAU/3 6. mai 2008	SAUDI ARAABIA	elektriseadmed	tarbijakaitse ja ohutus	60 päeva
G/TBT/N/SAU/4 6. mai 2008	SAUDI ARAABIA	mänguasjad	ohutus	60 päeva
G/TBT/N/ARM/64 7. mai 2008	ARMEENIA	toit ja toidu lisaained	ohutus ja keskkonnakaitse	5. juuli 2008
G/TBT/N/AUS/61 7. mai 2008	AUSTRAALIA	veearvestid	nõuded	4. juuli 2008
G/TBT/N/BRA/276 7. mai 2008	BRASIILIA	kanged alkohoolsed joogid	inimeste tervis	24. juuni 2008
G/TBT/N/BRA/277 7. mai 2008	BRASIILIA	lahjad alkohoolsed joogid	inimeste tervis	24. juuni 2008
G/TBT/N/BRA/278 7. mai 2008	BRASIILIA	alkohoolsed joogid	inimeste tervis	24. juuni 2008
G/TBT/N/BRA/279 7. mai 2008	BRASIILIA	põllumajanduses kasutatavad mineraalväetised	inimeste tervise kaitse	-
G/TBT/N/CAN/236 7. mai 2008	KANADA	teekattematerjalid (ICS: 13.220, 25.220, 71.100, 77.060, 87.040, 91.060, 91.100)	inimeste tervise kaitse ja keskkonnakaitse	25. juuni 2008
G/TBT/N/CAN/237 7. mai 2008	KANADA	autode viimistlustooted (ICS: 25.220, 43.020, 43.040, 43.080, 71.100, 77.060)	inimeste tervise kaitse ja keskkonnakaitse	25. juuni 2008
G/TBT/N/CAN/238 7. mai 2008	KANADA	erinevad hooldustooted, autode- ja koduhooldustooted, liimid, liimi eemaldajad, hermeetikud jne (ICS: 43.020, 67.020, 67.200, 71.100, 83.180, 87.040, 97.020)	inimeste tervise kaitse ja keskkonnakaitse	25. juuni 2008
G/TBT/N/KOR/173 7. mai 2008	KOREA VABARIIK	toit, toidu lisaained, toiduga kokkupuutuvad materjalid jne.	tarbijaõiguste kaitse	60 päeva
G/TBT/N/USA/392 7. mai 2008	USA	sõidukid (HS: 8703) (ICS: 43.100, 43.080, 43.060, 13.020)	keskkonnakaitse	1. juuli 2008

G/TBT/N/PHL/97 8. mai 2008	FILIPiinid	Portland tsement (ICS: 91.100.10)	tarbijakaitse	7. juuli 2008
G/TBT/N/PHL/98 8. mai 2008	FILIPiinid	tsemendi pakendamine	tarbijakaitse ja ohutus	7. juuli 2008
G/TBT/N/CAN/ 239, 240 13. mai 2008	KANADA	raadiosideadmed (ICS: 03.120, 33.020)	võrgu kaitse	17. juuli 2008
G/TBT/N/ISR/206 16. mai 2008	IISRAEL	liiteseadised ja klemmid (HS: 9028.30; ICS: 29.120.20).	inimeste ohutus	60 päeva
G/TBT/N/ISR/207 16. mai 2008	IISRAEL	petrool (HS: 2710.19; ICS: 75.160.20)	pettuste ennetamine, keskkonnakaitse ja inimeste tervise kaitse ja ohutus	60 päeva
G/TBT/N/ISR/208 16. mai 2008	IISRAEL	mänguväljaku seadmed (HS: 9506.91; ICS: 97.200.40)	inimeste elu ja tervise kaitse	60 päeva
G/TBT/N/SVN/68 16. mai 2008	SLOVEENIA	bioloogiliselt lagunevad õlid	ohutus, tarbijakaitse	1. oktoober 2008
G/TBT/N/CHL/77 16. mai 2008	TŠIILI	ravimid	rahva tervis	21. juuli 2008
G/TBT/N/BHR/57 19. mai 2008	BAHREIN	sigaretid ja tubakatooted (HS: 24.02, 24.03)	tarbijakaitse	60 päeva
G/TBT/N/BHR/58 19. mai 2008	BAHREIN	halal toit	tarbijakaitse	60 päeva
G/TBT/N/EEC/195 19. mai 2008	EUROOPA ÜHENDUSED	5875 - 5905 MHz sageduse ühtne ohutu kasutamine transpordisüsteemides	ohutus	60 päeva
G/TBT/N/USA/393 19. mai 2008	USA	erinevad tarbekaabad (HS: 3402, 13.020, 71.100)	keskkonnakaitse	26. juuni 2008
G/TBT/N/MEX/140 21. mai 2008	MEHHIKO	meditsiiniliste (hooldus) teenuste pakkujad	nõuded	17. juuni 2008
G/TBT/N/NZL/44 23. mai 2008	UUS MEREMAA	lasterõivad (ICS: 61.020)	inimeste elu ja tervise kaitse	16. juuni 2008
G/TBT/N/TPKM/60 23. mai 2008	TAIWANI, PENGHU, KINMENI JA MATSU ERALDI TOLLI- TERRITÓORIUM	puidust põrandakattematerjalid (HS: 44)	tarbijakaitse	60 päeva
G/TBT/N/ITA/10 27. mai 2008	ITAALIA	andmekandjad (CD-d jne)	nõuded	24. juuli 2008
G/TBT/N/KOR/174 27. mai 2008	KOREA VABARIIK	pakendatud linnulihatoodete säilitamine ja müük	nõuded	60 päeva
G/TBT/N/KOR/175 27. mai 2008	KOREA VABARIIK	tervisetoidud	inimeste tervise kaitse	-
G/TBT/N/KOR/176 27. mai 2008	KOREA VABARIIK	meditsiiniseadmed	nõuete ühtlustamine ja ohutus	60 päeva
G/TBT/N/EEC/196 29. mai 2008	EUROOPA ÜHENDUSED	erinevad pestitsiid aktiivained	muudatused seadusandluses	60 päeva

G/TBT/N/TUN/19 29. mai 2008	TUNEEESIA	mesi	tervisekaitse ja pettuste ennetamine	20. juuli 2008
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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 vastuvõtmise 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 käsituslusalaga 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 identssele Euroopa või rahvusvahelisele dokumendile
- Arvamusküsitluse lõppkuupäev (arvamuste esitamise tähtaeg)
- Pealkiri
- Käsitusala
- 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 Üldküsimumused. 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. Füüsilised nähtused
- 19 Katsetamine
- 21 Üldkasutatavad masinad ja nende osad
- 23 Üldkasutatavad hüdro- ja pneumosüsteemid ja nende osad
- 25 Tootmistehnoloogia
- 27 Elektri- ja soojusenergeetika
- 29 Elektrotehnika
- 31 Elektroonika
- 33 Sidetehnika
- 35 Infotehnoloogia. Kontoriseadmed
- 37 Visuaaltehnika
- 39 Täppismehaanika. Juvelitooted
- 43 Maanteesõidukite ehitus
- 45 Raudteetehnika
- 47 Laevaehitus ja 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

EN ISO 3166-1:2007/AC:2008

Hind 0,00

Identne EN ISO 3166-1:2006/AC:2008

ja identne ISO 3166-1:2006/Cor 1:2007

Codes for the representation of names of countries and their subdivisions - Part 1: Country codes

Keel en

EVS-EN ISO 8330:2008

Hind 208,00

Identne EN ISO 8330:2008

ja identne ISO 8330:2007

Rubber and plastic hoses and hose assemblies - Vocabulary

This International Standard defines terms used in the hose industry. The terms are listed alphabetically in English. When a term has one or more synonyms, the synonymous term(s) follow the preferred term and are also listed in alphabetical order. Deprecated synonymous terms are indicated by "(deprecated)". The expression "SEE" is used to refer to another term (not always a synonym) which contains information related to the term preceding the expression. This International Standard has been divided into two sections: 2.1: Hose terms; and 2.2: Hose assembly terms (includes Annex A: Recommended terminology and limits for electrical resistance, according to construction, of rubber and plastics hoses and hose assemblies for ISO and CEN standards).

Keel en

Asendab EVS-EN ISO 8330:2000

EVS-ISO 3297:2008

Hind 151,00

ja identne ISO 3297:2007

Informatsioon ja dokumentatsioon. Rahvusvaheline jadaväljaande standardnumber (ISSN) (ISO 3297:2007)

Käesolevas standardis iseloomustatakse jadaväljaannete ja teiste pidevväljaannete ühest identifitseerimist võimaldavat standardnumbrit (ISSN) ning propageeritakse selle kasutamist. Iga rahvusvaheline jadaväljaande standardnumber (ISSN) on ühe kindla, kindlal kandjal ilmunud jadaväljaande või muu pidevväljaande ainukordne identifikaator. Standardis kirjeldatakse ka linke-ISSNi, toimemehhanismi ühe ja sama pidevväljaande eri kandjaversioonide koondamiseks ja linkimiseks.

Keel et

Asendab EVS-ISO 3297:2002

EVS-ISO/IEC Guide 99:2008

Hind 286,00

ja identne ISO/IEC Guide 99:2007

International vocabulary of metrology — Basic and general concepts and associated terms (VIM)

In this Vocabulary, a set of definitions and associated terms is given, in English and French, for a system of basic and general concepts used in metrology, together with concept diagrams to demonstrate their relations. Additional information is given in the form of examples and notes under many definitions. This Vocabulary is meant to be a common reference for scientists and engineers — including physicists, chemists, medical scientists — as well as for both teachers and practitioners involved in planning or performing measurements, irrespective of the level of measurement uncertainty and irrespective of the field of application. It is also meant to be a reference for governmental and intergovernmental bodies, trade associations, accreditation bodies, regulators, and professional societies. Concepts used in different approaches to describing measurement are presented together. The member organizations of the JCGM can select the concepts and definitions in accordance with their respective terminologies. Nevertheless, this Vocabulary is intended to promote global harmonization of terminology used in metrology.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN ISO 8330:2000

Identne EN ISO 8330:2000

ja identne ISO 8330:1998

Rubber and plastic hoses and hose assemblies - Vocabulary

This standard defines terms used in the hose industry. The terms are listed alphabetically in English.

Keel en

Asendatud EVS-EN ISO 8330:2000

EVS-ISO 3297:2002

ja identne ISO 3297:1998

Informatsioon ja dokumentatsioon. Rahvusvaheline jadaväljaande standardnumber (ISSN)

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

Keel et,en

Asendatud EVS-ISO 3297:2008

KAVANDITE ARVAMUSKÜSITLUS

EN 1005-1:2002/prA1

Identne EN 1005-1:2001/prA1:2008

Tähtaeg 30.07.2008

Masinate ohutus. Inimeste füüsiline töö. Osa 1: Mõisted ja määratlused

This European Standard provides definitions on concepts and parameters used for EN 1005-2, prEN 1005-3, EN 1005-4 and EN 1005-5. Basic concepts and general ergonomic principles for the design of machinery are dealt with in EN 292-1, EN 292-2 and EN 614-1.

Keel en

EN 13967:2005/prA2

Identne EN 13967:2004/prA2:2008

Tähtaeg 30.07.2008

Elastsed niiskusisolatsioonimaterjalid. Plastikust ja kummist niiskuskindlad isolatsioonimaterjalid, kaasa arvatud kummist ja plastmaterjalist keldrite hüdroisolatsioonimaterjalid. Definitsioonid ja omadused

This European Standard specifies definitions and characteristics of flexible plastic and rubber sheets for which the intended use is as damp proofing for buildings, including basement tanking. It specifies the requirements and test methods and provides for the evaluation of conformity of the products with the requirements of this standard.

Keel en

prCEN/TS 15810

Identne prCEN/TS 15810:2008

Tähtaeg 30.07.2008

Graphical symbols for use on integrated building automation equipment

This document provides a synopsis of graphical symbols which are intended to be placed on building equipments and/or technical documentation of products in order to instruct the person(s) using the equipments. These graphical symbols are primary intended: - To identify control or automation or technical management equipments or part of these equipments: electronic devices (e.g. controller, scheduler, optimiser...), sensors, actuators. - To indicate functions and their operating modes. - To indicate settings for modes and functions parameters introduction. - To designate connexions. - To provide instruction to users (professional and/or end user) for the operation of the equipment. The graphical symbols in this document are not primarily intended for : - Safety signs. - Public information. - Schematics for systems principles.

Keel en

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

UUED STANDARDID

CWA 15740:2008

Hind 233,00

Identne CWA 15740:2008

Risk-Based Inspection and Maintenance Procedures for European Industry (RIMAP)

The objective of this CEN Workshop Agreement document is to present a set of transparent and accurate framework for applying / implementing risk-based inspection and maintenance (RBIM) and risk-based life management (RBLM)¹ in industrial organizations. The document formulates the procedure for risk based approach, thereby supporting optimization of operations and maintenance (O&M) as well as asset management. The purpose of RBIM is to ensure that clearly defined and accepted levels of risk related to: • safety, • health, • environment and • business/production/operation

Keel en

EVS-EN 15528:2008

Hind 221,00

Identne EN 15528:2008

Raudteealased rakendused. Raudteeveeremi teljekoormust ja infrastruktuuri ühilduvust reguleerivad raudteelõikude kategooriad

This European Standard describes methods of classification of existing and new railway lines and the categorisation of vehicles. The standard specifies the technical requirements for ensuring the compatibility of the interface between vehicle and infrastructure. The standard is suitable for use on freight, passenger and mixed traffic lines and contains requirements relevant to: - classification of the vertical load carrying capacity of railway infrastructure; - design of railway vehicles; - determination of payload limits of freight wagons. A summary of the classification of infrastructure and categorisation of vehicles is given in Annex B. The assessment of the vertical load carrying capacity of civil engineering structures, track, sub-grade and earthworks by the use of the load models defined in Annex A permits the classification of infrastructure into line categories. This European Standard identifies on which lines vehicles are compatible to the infrastructure under normal operation conditions without further checks regarding vertical load effects. The methodology described in this European Standard is not valid for high speed rail traffic. Tilting traffic and the working of rail mounted plant and cranes etc. are also outside the scope of this European Standard. This European Standard does not cover the system used in Great Britain, where all lines and vehicles are to be classified in accordance with the RA (Route Availability) System. A guide to the equivalent categories in accordance with this European Standard is given in Annex C. This European Standard does not cover requirements relating to the maximum total mass or maximum length of a train. The requirements of this European Standard do not replace regulations relating to e.g. dynamic wheel/rail contact force limits, vehicle ride considerations, vehicle structural design limitations etc.

Keel en

EVS-EN 15565:2008

Hind 132,00

Identne EN 15565:2008

Tourism services - Requirements for the provision of professional tourist guide training and qualification programmes

This European Standard specifies minimum requirements for the provision of professional tourist guide training and qualification programmes. NOTE The requirements for training programmes specified in this European Standard are minimal; they do not preclude the provision of additional training or the assessment of additional competencies.

Keel en

EVS-EN 62429:2008

Hind 199,00

Identne EN 62429:2008

ja identne IEC 62429:2007

Reliability growth - Stress testing for early failures in unique complex systems

This International Standard gives guidance for reliability growth during final testing or acceptance testing of unique complex systems. It gives guidance on accelerated test conditions and criteria for stopping these tests. "Unique" means that no information exists on similar systems, and the small number of produced systems means that information deducted from the test has limited use for future production. This standard concerns reliability growth of repairable complex systems consisting of hardware with embedded software. It can be used for describing the procedure for acceptance testing, "running-in", and to ensure that reliability of a delivered system is not compromised by coding errors, workmanship errors or manufacturing errors. It only covers the early failure period of the system life cycle and neither the constant failure period, nor the wear out failure period. It can also be used when a company wants to optimize the duration of internal production testing during manufacturing of prototypes, single systems or small series. It is applicable mainly to large hardware/software systems, but does not cover large networks, for example telecommunications and power networks, since new parts of such systems cannot usually be isolated during the testing.

Keel en

EVS-ISO 24510:2008

Hind 246,00

ja identne ISO 24510:2007

Joogivee- ja kanalisatsiooniteenustega seotud tegevused . Juhised joogivee- ja kanalisatsiooniteenuste hindamiseks ning parandamiseks kasutajale

Käesolev rahvusvaheline standard määratleb kasutajate jaoks olulised ja huvipakkuvad joogivee ja kanalisatsiooni teenuste elemendid. Samuti juhendab käesolev standard kuidas teha kindlaks kasutajate vajadusi ja ootusi ja kuidas hinnata, kas nende vajadustele/ootustele on vastatud. Käesoleva rahvusvahelise standardi ulatus hõlmab järgmiseid aspekte: erinevatele huvigruppidele ühise keele definitsioon; kasutajatele pakutava teenuse peamiste elementide ja omaduste definitsioon; teenuse eesmärgid kasutajate vajaduste ja ootuste suhtes; juhised kasutajate vajaduste ja ootuste rahuldamiseks; kasutajatele pakutava teenuse hindamise kriteeriumid; tulemuslikkuse näitajate tutvustus; tulemuslikkuse näitajate näited. Käesoleva rahvusvahelise standardi ulatus ei hõlma järgmiseid aspekte: joogivee- ja kanalisatsioonisüsteemide projekteerimise ja ehituse meetodid; joogivee- ja kanalisatsiooniteenustega seotud tegevuste opereerimise ja juhtimise korralduslik juhtimisstruktuur ja meetodika, ka lepingute sõlmimine; hoonetesiseste süsteemidega seotud teemad. MÄRKUS 1. Käesolev rahvusvaheline standard, ISO 24511 ja ISO 24512 hõlmavad rida standardeid, mis käsitlevad veeteenuseid. Seetõttu on soovitatav kasutada neid kolme rahvusvahelist standardit koos. MÄRKUS 2. Punktis 2 väljatoodud terminite ja definitsioonide nimekiri on ühine nii käesolevale rahvusvahelisele standardile, kui ka ISO 24511 ja ISO 24512. MÄRKUS 3. Lisa A sisaldab kolme tabelit, milles kasutatakse samaväärseid termineid inglise, prantsuse ja hispaania keeles.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

prEN 9121 rev

Identne prEN 9121:2008

ja identne ISO 9001:2000

Tähtaeg 30.07.2008

Aerospace series - Quality management systems - Assessment applicable to stockist distributors

The scope of this document is to define the content and the presentation of the Assessment Report of the section 1 of EN 9100 standard (based on ISO 9001:2000).

Keel en

Asendab EVS-EN 9121:2006

prEN ISO 24978

Identne prEN ISO 24978:2008

ja identne ISO/DIS 24978:2008

Tähtaeg 29.08.2008

Intelligent transport systems - ITS Safety and emergency messages using any available wireless media - Data Registry procedures

A Standardized set of protocols, parameters, and a method of management of an updateable "Data Registry" to provide application layers for "ITS Safety messages" via any available wireless media.

Keel en

07 MATEMAATIKA. LOODUSTEADUSED

UUED STANDARDID

EVS-EN ISO 11731-2:2008

Hind 113,00

Identne EN ISO 11731-2:2008

ja identne ISO 11731-2:2004

Water quality - Detection and enumeration of Legionella - Part 2: Direct membrane filtration method for waters with low bacterial counts

This part of ISO 11731 describes a monitoring method for the isolation and enumeration of Legionella organisms in water intended for human use (e.g. hot and cold water, water used for washing), for human consumption and for treated bathing waters (e.g. swimming pools). It is especially suitable for waters expected to contain low numbers of Legionella. As the growth of Legionella may be inhibited by overgrowth of other bacterial colonies on the membrane, the method is only suitable for waters containing low bacterial counts.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

prCEN/TS 15790

Identne prCEN/TS 15790:2008

Tähtaeg 27.07.2008

Animal feeding stuffs - PCR typing of probiotic strains of Saccharomyces cerevisiae (yeast)

This Technical Specification specifies a polymerase chain reaction (PCR) methodology for the identification of Saccharomyces cerevisiae probiotic yeast strains. Additionally a method for the extraction of high quality DNA from yeast is suggested.

Keel en

11 TERVISEHOOLDUS

UUED STANDARDID

EN ISO 7197:2006/AC:2008

Hind 0,00

Identne EN ISO 7197:2006/AC:2008

ja identne ISO 7197:2006/Cor 1:2007

Neurokirurgilised imolantaadid. Steriilsed ühekordsed neurotsefaalia šundid ja komponendid

Keel en

EVS-EN 285:2006+A1:2008

Hind 286,00

Identne EN 285:2006+A1:2008

Steriliseerimine. Aursterilisaatorid. Suured sterilisaatorid KONSOLIDEERITUD TEKST

1.1 This European Standard specifies requirements and the relevant tests for large steam sterilizers primarily used in health care for the sterilization of medical devices and their accessories contained in one or more sterilization modules. The test loads described in this European Standard are selected to represent the majority of loads (i.e. wrapped goods consisting of metal, rubber and porous materials) for the evaluation of general purpose steam sterilizer for medical devices. However, specific loads (e.g. heavy metal objects or long and/or narrow lumen) will require the use of other test loads. Large steam sterilizers can also be used during the commercial production of medical devices.

1.2 This European Standard is not applicable to steam sterilizers designed to process a size of load less than one sterilization module or having a chamber volume less than 60 l. 1.3 This European Standard does not describe a quality assurance system for the control of all stages of the manufacture of the sterilizer. NOTE Attention is drawn to the standards for quality management systems e.g. EN ISO 13485. 1.4 Planning and design of products applying to this European Standard should consider the environmental impact from the product during its life cycle. Environmental aspects are addressed in Annex A. NOTE Additional aspects of environmental impact are addressed in EN ISO 14971.

Keel en

Asendab EVS-EN 285:2006

EVS-EN 60601-1-10:2008

Hind 208,00

Identne EN 60601-1-10:2008

ja identne IEC 60601-1-10:2007

Meditsiinilised elektriseadmed. Osa 1-10: Üldnõuded põhiohutusele ja -toimivusele. Kollateraalsandard: Nõuded füsioloogiliste suletud ahelaga kontrolleri arendamisele

This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS, hereafter referred to as ME EQUIPMENT and ME SYSTEMS. This collateral standard specifies requirements for the development (analysis, design, VERIFICATION and VALIDATION) of a PHYSIOLOGIC CLOSED-LOOP CONTROLLER (PCLC) as part of a PHYSIOLOGIC CLOSED-LOOP CONTROL SYSTEM (PCLCS) in ME EQUIPMENT and ME SYSTEMS to control a PHYSIOLOGIC VARIABLE.

Keel en

EVS-EN 60601-1-3:2008

Hind 233,00

Identne EN 60601-1-3:2008

ja identne IEC 60601-1-3:2008

Elektrilised meditsiiniseadmed. Osa 1: Üldised ohutusnõuded. 3. kollateraalsandard: Kiirguskaitse üldnõuded röntgendiagnostikaseadmetele

Käesolevat kollateraalsandardit rakendatakse meditsiinilistele diagnostikaseadmetele ning nimetatud seadmete koostisosadele

Keel en

Asendab EVS-EN 60601-1-3:2000

EVS-EN ISO 8536-1:2008

Hind 95,00

Identne EN ISO 8536-1:2008

ja identne ISO 8536-1:2006

Infusion equipment for medical use - Part 1: Infusion glass bottles

This part of ISO 8536 specifies the dimensions, performance and requirements of infusion glass bottles necessary to ensure functional interchangeability. It is applicable only to infusion bottles for single use.

Keel en

Asendab EVS-EN ISO 8536-1:2003

EVS-EN ISO 9187-1:2008

Hind 95,00

Identne EN ISO 9187-1:2008

ja identne ISO 9187-1:2006

Injection equipment for medical use - Part 1: Ampoules for injectables

This part of ISO 9187 specifies materials, dimensions, capacities, performance and packaging requirements for three forms of glass ampoule (forms B, C and D) for injectable pharmaceutical products. It is applicable to ampoules with and without a colour break-ring. The provision of ampoules with a colour break-ring, and the choice of colour of the break-ring, is subject to agreement between the manufacturer and user. Ampoules complying with this part of ISO 9187 are intended for single use only.

Keel en

Asendab EVS-EN ISO 9187-1:2003

EVS-EN ISO 23328-1:2008

Hind 123,00

Identne EN ISO 23328-1:2008

ja identne ISO 23328-1:2003

Hingamissüsteemi filtrid tuimastuseks ja respiratoorseks kasutuseks. Osa 1:

Soolakatsemeetod filtreerimisjõudluse hindamiseks

This part of ISO 23328 gives a short-term airborne sodium chloride particle challenge test method for assessing the filtration performance of breathing system filters (BSF) intended for the filtration of respired gases. This part of ISO 23328 is applicable to BSF used with a clinical breathing system. It is not applicable to other types of filter, e.g. those designed to protect vacuum sources or gas sample lines, to filter compressed gases, or to protect test equipment for physiological respiratory measurements. NOTE Non-filtration aspects of BSF are addressed in ISO 23328-2.

Keel en

Asendab EVS-EN 13328-1:2002

EVS-EN ISO 15189:2008

Hind 208,00

Identne EN ISO 15189:2007

ja identne ISO 15189:2007

Medical laboratories - Particular requirements for quality and competence

1.1 This International Standard specifies requirements for quality and competence particular to medical laboratories. 1.2 This International Standard is for use by medical laboratories in developing their quality management systems and assessing their own competence, and for use by accreditation bodies in confirming or recognising the competence of medical laboratories.

Keel en

Asendab EVS-EN ISO 15189:2004

EVS-EN ISO 23328-2:2008

Hind 95,00

Identne EN ISO 23328-2:2008

ja identne ISO 23328-2:2002

Hingamissüsteemi filtrid tuimastuseks ja respiratoorseks kasutuseks. Osa 2: Mittefiltrereerimise aspektid

This part of ISO 23328 specifies requirements for non-filtration aspects of breathing system filters (BSF) intended for anaesthetic and respiratory use, and addresses connection ports, leakage, resistance to flow, packaging, marking and information supplied. The test method is intended for BSF used with a clinical breathing system. It is not applicable to other types of filter, e.g. those designed to protect vacuum sources or gas sample lines, to filter compressed gases, or to protect test equipment for physiological respiratory measurements. NOTE A method for assessing filtration performance of BSF is given in ISO 23328-1.

Keel en

Asendab EVS-EN 13328-2:2002

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 285:2006

Identne EN 285:2006

Steriliseerimine. Aursterilisaatorid. Suured sterilisaatorid

This European Standard specifies requirements and the relevant tests for large steam sterilizers primarily used in health care for the sterilization of medical devices and their accessories contained in one or more sterilization modules. The test loads described in this European Standard are selected to represent the majority of loads (i.e. wrapped goods consisting of metal, rubber and porous materials) for the evaluation of general purpose steam sterilizer for medical devices.

Keel en

Asendab EVS-EN 285:1999

Asendatud EVS-EN 285:2006+A1:2008

EVS-EN 13328-2:2002

Identne EN 13328-2:2002

Hingamissüsteemi filtrid tuimastuseks ja respiratoorseks kasutuseks. Osa 2: Mittefiltrereerimise aspektid

This Standard specifies requirements for non-filtration aspects of breathing system filters (BSF) intended for anaesthetic and respiratory use and addresses connection ports, leakage, resistance to flow, packaging, marking and information supplied

Keel en

Asendatud EVS-EN ISO 23328-2:2008

EVS-EN 13328-1:2002

Identne EN 13328-1:2001

Hingamissüsteemi filtrid tuimastuseks ja respiratoorseks kasutuseks. Osa 1: Soolakatsmeetod filtreerimisjõudluse hindamiseks

This Standard establishes a short-term airborne sodium particle challenge test method for assessing the filtration performance of breathing systems filters (BSFs) intended for the filtration of respired gases in humans.

Keel en

Asendatud EVS-EN ISO 23328-1:2008

EVS-EN 13328-2:2002/A1:2004

Identne EN 13328-2:2002/A1:2003

Hingamissüsteemi filtrid tuimastuseks ja respiratoorseks kasutuseks. Osa 2: Mittefiltrereerimise aspektid

This Standard specifies requirements for non-filtration aspects of breathing system filters (BSF) intended for anaesthetic and respiratory use and addresses connection ports, leakage, resistance to flow, packaging, marking and information supplied.

Keel en

Asendatud EVS-EN ISO 23328-2:2008

EVS-EN ISO 8536-1:2003

Identne EN ISO 8536-1:2003 + AC:2005

ja identne ISO 8536-1:2000

Infusion equipment for medical use - Part 1: Infusion glass bottles

This part of ISO 8536 specifies the dimensions, performance and requirements of infusion glass bottles necessary to ensure functional interchangeability

Keel en

Asendatud EVS-EN ISO 8536-1:2008

EVS-EN ISO 9187-1:2003

Identne EN ISO 9187-1:2003 + AC:2005

ja identne ISO 9187-1:2000

Metallic coatings - Autocatalytic (electroless) nickel-phosphorus alloy coatings - Specification and test methods

This part of Iso 9187 specifies materials, dimensions, capacities, performance and packaging requirements for three forms of glass ampoule for injectable pharmaceutical products

Keel en

Asendatud EVS-EN ISO 9187-1:2008

EVS-EN ISO 15189:2004

Identne EN ISO 15189:2003

ja identne ISO 15189:2003

Meditsiinilaborid. Kvaliteedi ja kompetentsi erinõuded (ISO 15189:2003)

Standard määratleb kvaliteedi ja kompetentsi erinõuded meditsiinilaboritele.

Keel et

Asendatud EVS-EN ISO 15189:2004

KAVANDITE ARVAMUSKÜSITLUS

FprEN 60601-2-1

Identne FprEN 60601-2-1:2008
ja identne IEC 60601-2-1:200X
Tähtaeg 30.07.2008

Medical electrical equipment - Part 2-1: Particular requirements for basic safety and essential performance of electron accelerators in the range 1 MeV to 50 MeV

This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of ELECTRON ACCELERATORS, hereafter referred to as ME EQUIPMENT, in the range 1 MeV to 50 MeV, used for treatment of PATIENTS. 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. This Particular Standard, with the inclusion of TYPE TESTS and SITE TESTS, applies respectively to the manufacture and some installation2) aspects of ELECTRON ACCELERATORS

Keel en

Asendab EVS-EN 60601-2-1:2002

EN 61676:2003/FprA1

Identne EN 61676:2002/FprA1:2008
ja identne IEC 61676:2002/A1:200X
Tähtaeg 30.07.2008

Elektrilised meditsiiniseadmed. Dosimeetrilised instrumendid röntgenitoru pinge mitteinvasiivseks mõõtmiseks diagnostilises radioloogias

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

Keel en

FprEN 60601-2-18

Identne FprEN 60601-2-18:2008
ja identne IEC 60601-2-18:200X
Tähtaeg 30.07.2008

Medical electrical equipment - Part 2-18: Particular requirements for basic safety and essential performance of endoscopic equipment

This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of ENDOSCOPIC EQUIPMENT together with its INTERCONNECTION CONDITIONS and INTERFACE CONDITIONS.

Keel en

Asendab EVS-EN 60601-2-18:2001; EVS-EN 60601-2-18:2001/A1:2002

FprEN 62083

Identne FprEN 62083:2008
ja identne IEC 62083:200X
Tähtaeg 30.07.2008

Elektrilised meditsiiniseadmed. Nõuded kiiritusravi planeerimissüsteemide ohutusele

This International Standard applies to the design, manufacture and some installation aspects of an RTPS – for use in RADIOTHERAPY TREATMENT PLANNING in human medical practice; – that imports data either through input by the OPERATOR or direct from other devices; – that outputs data either in printed form for review or direct to other devices; – and which is intended to be – for NORMAL USE, under the authority of appropriately licensed or QUALIFIED PERSONS, by OPERATORS having the required skills and training; – maintained in accordance with the recommendations given in the INSTRUCTIONS FOR USE, and – used within the environmental and electrical supply conditions SPECIFIED in the technical description.

Keel en

Asendab EVS-EN 62083:2002

prEN 81-40

Identne prEN 81-40:2008
Tähtaeg 30.07.2008

Liftide valmistamise ja paigaldamise ohutuseeskirjad. Inimeste ja kaupade transportimiseks mõeldud eriotstarbelised liftid. Osa 40: Liikumispuudega inimestele mõeldud trepiliftid ja kaldega liftiplatvormid

This European Standard deals with safety requirements for construction, manufacturing, installation, maintenance and dismantling of electrically operated stairlifts (chair, standing platform and wheelchair platform) affixed to a building structure, moving in an inclined plane and intended for use by persons with impaired mobility: - travelling over a staircase or an accessible inclined surface; - intended for use by one person; - whose carriage is directly retained and guided by a guide rail or rails; - supported or sustained by chain, rack and pinion, screw and nut, friction traction drive, rope and ball.

Keel en

prEN ISO 11980

Identne prEN ISO 11980:2008
ja identne ISO/DIS 11980:2008
Tähtaeg 30.07.2008

Oftalmiline optika. Kontaktläätsed ja kontaktläätsede hooldusvahendid. Juhised kliinilisteks uuringuteks

This International Standard provides guidance for the clinical investigation of the safety and performance of contact lenses and contact lens care products. NOTE This International Standard attempts to harmonize the recognized regulatory requirements for the conduct of a clinical investigation to meet the marketing and labelling requirements for contact lenses and contact lens care products around the world. However, national requirements vary greatly. Wherever national practice or regulations dictate some legal requirement, this requirement takes precedence over this International Standard.

Keel en

Asendab EVS-EN ISO 11980:1999

prEN ISO 25539-1

Identne prEN ISO 25539-1:2008

ja identne ISO 25539-1:2003 + Amd 1:2005

Tähtaeg 30.07.2008

Cardiovascular implants - Endovascular devices - Part 1: Endovascular prostheses

1.1 This part of ISO 25539 specifies requirements for endovascular prostheses, based upon current medical knowledge. With regard to safety, it gives requirements for intended performance, design attributes, materials, design evaluation, manufacturing, sterilization packaging and information supplied by the manufacturer. It should be considered as a supplement to ISO 14630, which specifies general requirements for the performance of non-active surgical implants. 1.2 This part of ISO 25539 is applicable to endovascular prostheses used to treat arterial aneurysms, arterial stenoses, or other appropriate vascular abnormalities. 1.3 This part of ISO 25539 is applicable to delivery systems if they comprise an integral component of the deployment of the endovascular prostheses. 1.4 This part of ISO 25539 is not applicable to vascular occluders, with the exception of contra-lateral iliac occluders when used as an integral part of an aorto-uni-iliac device. See ISO 14630 for excluded products. 1.5 This part of ISO 25539 is not applicable to procedures and devices used prior to the introduction of the endovascular system (defined in 3.6), such as balloon angioplasty devices.

Keel en

Asendab EVS-EN 14299:2004

prEN ISO 15747

Identne prEN ISO 15747:2008

ja identne ISO/DIS 15747:2008

Tähtaeg 30.07.2008

Veenisisesteks süstideks mõeldud plastanumad

This International Standard contains requirements related to the safe handling and the physical, chemical and biological testing of plastic containers for parenterals. This International Standard is applicable to plastic containers for parenterals having one or more chambers and having a total nominal capacity in the range from 50 ml to 5 000 ml such as film bags or blow-moulded plastic bottles for direct administration of infusion (injection) solutions.

Keel en

Asendab EVS-EN ISO 15747:2005

prEN ISO 20795-2

Identne prEN ISO 20795-2:2008

ja identne ISO/DIS 20795-2:2008

Tähtaeg 29.08.2008

Dentistry - Base polymers - Part 2: Orthodontic base polymers

This International Standard classifies orthodontic base polymers and copolymers used in the construction of both active and passive removable orthodontic appliances. It specifies their requirements and test methods, including those with respect to marking, packaging and the instructions for use.

Keel en

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS**UUED STANDARDID****CLC/TR 62125:2008**

Hind 132,00

Identne CLC/TR 62125:2008

ja identne IEC/TR 62125:2007

Environmental statement specific to IEC/TC 20 - Electric cables

IEC/TR 62125, which is a technical report, is intended to give assistance to standard-writers of IEC Technical Committee 20, to take into account the relevant environmental aspects as far as they are specific to electric cables in normal use. It also assists them to keep in mind a clear methodology when considering these aspects and when checking possible interaction of the normative requirements with the environment. Also, these guidelines assist standard-writers to avoid too simple or too stringent requirements that might not achieve a favourable global result. This technical report, by its very nature, is not prescriptive and does not limit innovation.

Keel en

EVS-EN 54-24:2008

Hind 233,00

Identne EN 54-24:2008

Fire detection and fire alarm systems - Part 24: Components of voice alarm systems - Loudspeakers

This European Standard specifies requirements, test methods and performance criteria for loudspeakers intended to broadcast a warning of fire between a fire detection and fire alarm system and the occupants of a building. This European Standard specifies loudspeakers for two types of application environment: type A, generally for indoor use and type B, generally for outdoor use. This European Standard does not cover loudspeakers for special applications, for example loudspeaker for use in hazardous applications, if such applications require additional or other requirements or tests than those given in this European Standard. This European Standard is not intended to cover addressable loudspeakers, loudspeakers with active components. Voice alarm sounders are covered in EN 54-3:2001.

Keel en

EVS-EN 1366-9:2008

Hind 208,00

Identne EN 1366-9:2008

Fire resistance tests for service installations - Part 9: Single compartment smoke extraction ducts

This part of EN 1366 specifies a test method for determining the fire resistance of smoke extraction ducts that are used for single compartment applications only. In such applications, the smoke extraction system is only intended to function up to flashover (typically 600 °C). This method of test is only suitable for ducts constructed from non-combustible materials (euro class A1 and A2-s1, d0). It is applicable only to four sided and circular ducts. One, two and three sided ducts are not covered. This test has been designed to cover horizontal smoke extraction ducts intended for single compartment applications only. This test method of part 9 is applicable only to smoke extraction ducts that do not pass through into other fire compartments. It represents fire exposure of a developing fire (pre-flashover). For smoke extraction ducts that pass through into other compartments, the method of test described in EN 1366-8 should be used. The smoke extraction duct is part of the smoke extraction system which also includes smoke control dampers and smoke extract fans. The method described in this test standard is complex and requires sophisticated instrumentation. It is not recommended therefore to try to test multiple assemblies in this test.

Keel en

EVS-EN 60335-2-13:2003/A2:2008

Hind 73,00

Identne EN 60335-2-13:2003/A2:2008

ja identne IEC 60335-2-13:2002/A2:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-13: Erinõuded fritüüridele, praepannidele ja muudele taoliste seadmetele

Deals with the safety of electric deep fat fryers, frying pans and other appliances in which oil is used for cooking, and intended for household use only, their rated voltage being not more than 250 V. This standard does not apply to deep fat fryers having a recommended maximum quantity of oil exceeding 4 l (refer to IEC 60335-2-37) or commercial multi-purpose cooking pans (refer to IEC 60335-2-39).

Keel en

EVS-EN 60601-1-3:2008

Hind 233,00

Identne EN 60601-1-3:2008

ja identne IEC 60601-1-3:2008

Elektrilised meditsiiniseadmed. Osa 1: Üldised ohutusnõuded. 3. kollateraalsandard: Kiirguskaitse üldnõuded röntgendiagnostikaseadmetele

Käesolevat kollateraalsandardit rakendatakse meditsiinilistele diagnostikaseadmetele ning nimetatud seadmete koostisosadele

Keel en

Asendab EVS-EN 60601-1-3:2000

EVS-ISO 24510:2008

Hind 246,00

ja identne ISO 24510:2007

Joogivee- ja kanalisatsiooniteenustega seotud tegevused. Juhised joogivee- ja kanalisatsiooniteenuste hindamiseks ning parandamiseks kasutajale

Käesolev rahvusvaheline standard määratleb kasutajate jaoks olulised ja huvipakkuvad joogivee ja kanalisatsiooni teenuste elemendid. Samuti juhendab käesolev standard kuidas teha kindlaks kasutajate vajadusi ja ootusi ja kuidas hinnata, kas nendele vajadustele/ootustele on vastatud. Käesoleva rahvusvahelise standardi ulatus hõlmab järgmiste aspektide: erinevatele huvigruppidele ühise keele definitsioon; kasutajatele pakutava teenuse peamiste elementide ja omaduste definitsioon; teenuse eesmärgid kasutajate vajaduste ja ootuste suhtes; juhised kasutajate vajaduste ja ootuste rahuldamiseks; kasutajatele pakutava teenuse hindamise kriteeriumid; tulemuslikkuse näitajate tutvustus; tulemuslikkuse näitajate näited. Käesoleva rahvusvahelise standardi ulatus ei hõlma järgmiste aspektide: joogivee- ja kanalisatsioonisüsteemide projekteerimise ja ehituse meetodid; joogivee- ja kanalisatsiooniteenustega seotud tegevuste opereerimise ja juhtimise korralduslik juhtimisstruktuur ja meetodika, ka lepingute sõlmimine; hoonetesiseste süsteemidega seotud teemad. MÄRKUS 1. Käesolev rahvusvaheline standard, ISO 24511 ja ISO 24512 hõlmavad rida standardeid, mis käsitlevad veeteenuseid. Seetõttu on soovitatav kasutada neid kolme rahvusvahelist standardit koos. MÄRKUS 2. Punktis 2 väljatoodud terminite ja definitsioonide nimekiri on ühine nii käesolevale rahvusvahelisele standardile, kui ka ISO 24511 ja ISO 24512. MÄRKUS 3. Lisa A sisaldab kolme tabelit, milles kasutatakse samaväärseid termineid inglise, prantsuse ja hispaania keeles.

Keel en

EVS-ISO 24511:2008

Hind 233,00

ja identne ISO 24511:2007

Joogivee- ja kanalisatsiooniteenustega seotud tegevused. Juhised kanalisatsiooniteenust pakkuvate ettevõtete juhtimiseks ning kanalisatsiooniteenuste hindamiseks

Käesolev rahvusvaheline standard sätestab juhtnõõrid kanalisatsiooniteenust pakkuvate ettevõtete juhtimiseks ning kanalisatsiooniteenuste hindamiseks. Käesolev rahvusvaheline standard on kohaldatav avalikule sektorile ja eraomandis olevatele ning opereeritavatele kanalisatsiooniteenust pakkuvatele ettevõtetele, kuid see ei soosi mistahes spetsiaalset omandi- või opereerimismudelit. MÄRKUS 1. Alati kui kasutatakse või tarbitakse vett, tekib reovesi. Vastavalt, võib reovesi pärineda erinevatest allikatest – elamutest, tööstusest, kaubandusest või asutustest. Kogutud sadevett või (sulanud) lund võib samuti pidada reoveeks, kuna tihtipeale kannavad need teel kogumissüsteemi õhust või maapinnalt kogutud saasteaineid ja patogeene. Teatud tingimustel, eriti arendamata piirkondades, kogutakse sanitaarjätmeid lahjendamata kujul. Käesolev rahvusvaheline standard käsitleb kanalisatsioonisüsteemi tervikuna ning on kohaldatav süsteemidele mistahes arengujärgus (näit. käimlakastid, kohalikud süsteemid, võrgud, puhastid). Käesoleva rahvusvahelise standardi ulatus hõlmab järgmiseid aspekte: erinevatele huvigruppidele ühise keele definitsioon; kanalisatsiooniteenuseid pakkuva ettevõtte eesmärgid; kanalisatsiooniteenuseid pakkuva ettevõtte juhtimise juhendid; teenuse hindamise kriteeriumid ja sellega seonduvad tulemuslikkuse näitajate näited, seadmata mistahes sihtväärtusi või künniseid. Käesoleva rahvusvahelise standardi ulatus ei hõlma järgmiseid aspekte: kanalisatsioonisüsteemide projekteerimise ja ehituse meetodid; kanalisatsiooniteenustega seotud tegevuste opereerimise ja juhtimise juhtimisstruktuuri ja meetodika reguleerimine; lepingute ja alltöövõtulepingute sisu reguleerimine; hoonetesiseste, pargimiskoha ja kogumiskoha vaheliste süsteemidega seotud teemad. MÄRKUS 2. Käesolev rahvusvaheline standard, ISO 24511 ja ISO 24512 hõlmavad rida standardeid, mis käsitlevad veeteenuseid. Seetõttu on soovitatav kasutada neid kolme rahvusvahelist standardit koos. MÄRKUS 3. Punktis 2 väljatoodud terminite ja definitsioonide nimekiri on ühine nii käesolevale rahvusvahelisele standardile, kui ka ISO 24511 ja ISO 24512. MÄRKUS 4. Lisa A sisaldab kolme tabelit, milles kasutatakse samaväärseid termineid inglise, prantsuse ja hispaania keeles.

Keel en

EVS-ISO 24512:2008

Hind 233,00

ja identne ISO 24512:2007

Joogivee- ja kanalisatsiooniteenustega seotud tegevused. Juhised joogiveeteenust pakkuvate ettevõtete juhtimiseks ja joogiveeteenuste hindamiseks

Käesolev rahvusvaheline standard sätestab juhtnõõrid joogiveeteenust pakkuvate ettevõtete juhtimiseks ning joogiveeteenuste hindamiseks. Käesolev rahvusvaheline standard on kohaldatav avalikule sektorile ja eraomandis olevatele ning opereeritavatele kanalisatsiooniteenust pakkuvatele ettevõtetele. See ei soosi mistahes spetsiaalset omandi- või opereerimismudelit. Käesolev rahvusvaheline standard käsitleb joogivesüsteemi tervikuna ning on kohaldatav süsteemidele mistahes arengujärgus (näit. kohalikud süsteemid, jaotusvõrgud, puhastid). Käesoleva rahvusvahelise standardi ulatus hõlmab järgmiseid aspekte: erinevatele huvigruppidele ühise keele definitsioon; joogiveevarustusesüsteemi komponentide definitsioon; joogiveeteenuseid pakkuva ettevõtte juhtimise juhendid; juhtnõõrid eesmärkide seadmiseks, teenuse hindamise kriteeriumid ja sellega seonduvad tulemuslikkuse näitajad, mis on sobivad joogiveeteenuste hindamiseks. Käesoleva rahvusvahelise standardi ulatus ei hõlma järgmiseid aspekte: sihtväärtused ja künnised väljapakutud eesmärkidele, teenuse hindamise kriteeriumitele ja sellega seonduvatele tulemuslikkuse näitajatele; joogivesüsteemide projekteerimise ja ehitamisega seotud küsimused; joogiveeteenuseid pakkuva ettevõtte juhtimisstruktuuriga seotud küsimused; joogiveeteenuste reguleerimisega seotud küsimused, k.a. juhtimis- ja tootmistegevus; lepingute ja alltöövõtulepingute sisu reguleerimisega seotud küsimused; varustuskoha ja kasutuskoha vahelised seadmed. MÄRKUS 1. Käesolev rahvusvaheline standard, ISO 24511 ja ISO 24512 hõlmavad rida standardeid, mis käsitlevad veeteenuseid. Seetõttu on soovitatav kasutada neid kolme rahvusvahelist standardit koos. MÄRKUS 2 Punktis 2 väljatoodud terminite ja definitsioonide nimekiri on ühine nii käesolevale rahvusvahelisele standardile, kui ka ISO 24511 ja ISO 24512. MÄRKUS 3. Lisa A sisaldab kolme tabelit, milles kasutatakse samaväärseid termineid inglise, prantsuse ja hispaania keeles.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

CLC/FprTR 50515

Identne CLC/FprTR 50515:2008

Tähtaeg 30.07.2008

List of interpretations on published standards on "Alarm Systems"

These are a list of interpretations of currently published standards.

Keel en

EN 547-2:1999/prA1

Identne EN 547-2:1996/prA1:2008

Tähtaeg 30.07.2008

Masinate ohutus. Inimkeha mõõtmed. Osa 2: Juurdepääsuavade nõutavate mõõtmete määramise põhialused

See Euroopa standard määrab kindlaks seadmete juurdepääsuavade mõõtmed vastavalt standardi EN 292-1 määratlusele. Standard esitab mõõtmed, mille kohta kehtivad standardis EN 547-3 toodud väärtused.

Lisaruumi kohta kehtivate nõuete väärtused on toodud lisanõuete lisas A. Selle standardi peamine rakendusvaldkond on liikumatud seadmed; liikuvate seadmete kohta võivad kehtida spetsiifilised lisanõuded.

Keel en

EN 547-3:1999/prA1

Identne EN 547-3:1996/prA1:2008

Tähtaeg 30.07.2008

Masinate ohutus. Inimkeha mõõtmed. Osa 3: Antropomeetrilised andmed

See Euroopa standard esitab inimkeha mõõtmed (antropomeetrilised andmed), mis on standardite EN 547-1 ja EN 547-2 kohaselt ette nähtud seadmete juurdepääsuavade mõõtmete määramiseks.

Antropomeetrilised andmed põhinevad riietuseta inimeste mõõtmisel paigalolekus ning ei võta arvesse kehaliigutusi, rõivaid, varustust, seadme kasutustingimusi ega keskkonningimusi.

Keel en

EN 547-1:1999/prA1

Identne EN 547-1:1996/prA1:2008

Tähtaeg 30.07.2008

Masinate ohutus. Inimkeha mõõtmed. Osa 1: Kogu keha läbimahtumist võimaldavate masinaruumiavade mõõtmete määramise põhimõtted

See Euroopa standard määrab kindlaks kogu keha läbimahtumist võimaldavate masinaruumiavade mõõtmed vastavalt standardi EN 292-1 määratlusele. Standard esitab mõõtmed, mille kohta kehtivad standardis EN 547-3 antud väärtused. Lisaruumi kohta kehtivate nõuete väärtused on toodud lisanõuete lisas A. Selle standardi peamine rakendusvaldkond on liikumatud seadmed; liikuvate seadmete kohta võivad kehtida spetsiifilised lisanõuded.

Keel en

EN 614-2:2000/prA1

Identne EN 614-2:2000/prA1:2008

Tähtaeg 30.07.2008

Masinate ohutus. Ergonoomia põhimõtted projekteerimisel. Osa 2: Masina kavandi ja tööülesannete koostoime

This European Standard establishes the ergonomics principles and procedures to be followed during the design process of machinery and operator work tasks. It deals specifically with task design in the context of machinery design, but the principles and methods may also be applied to job design.

Keel en

EN 842:1999/prA1

Identne EN 842:1996/prA1:2008

Tähtaeg 30.07.2008

Masinate ohutus. Visuaalsed ohusignaalid. Üldnõuded, kujundus ja katsetamine

See Euroopa standard kirjeldab visuaalsete ohusignaalide tajumiskriteeriume rakendamiseks piirkondades, kus inimesed peavad sellist signaali tajuma ja sellele reageerima. Standard määrab kindlaks ohutus- ja ergonoomianõuded ja vastavad füüsilised mõõtmed ning subjektiivse visuaalse kontrollimise korra. Ühtlasi esitab standard suunised signaali kujunduse kohta vastavalt standardi EN 292-2:1991 jaotises 5.3 toodud kirjeldusele, mille kohaselt peavad signaalid olema selgesti tajutavad ja eristatavad.

Keel en

EN 894-2:1999/prA1

Identne EN 894-2:1997/prA1:2008

Tähtaeg 30.07.2008

Masinate ohutus. Kuvarite ja juhtseadiste konstruktsiooni ergonoomianõuded. Osa 2: Kuvarid

See Euroopa standard esitab suunised kuvarite valimiseks, konstrueerimiseks ja paigaldamiseks eesmärgiga vältida nende kasutamisega seonduvaid võimalikke ergonoomiaohete. Standard määrab kindlaks ergonoomianõuded ning hõlmab vaate-, kuulde- ja puutekuvareid. Standard kehtib seadmete (näiteks seadiste ja paigaldiste, juhtpaneelide, juht- ja jälgimiskonsoolide) kuvarite kohta, mida kasutatakse nii kutsetööl kui ka eraviisiliselt.

Keel en

EN 894-3:2000/prA1

Identne EN 894-3:2000/prA1:2008

Tähtaeg 30.07.2008

Masinate ohutus. Kuvarite ja juhtseadiste konstruktsiooni ergonoomianõuded. Osa 3: Juhtaktivaatorid

This European standard gives recommendation on the selection, design and location of control actuators, so that they are adapted to the requirements of the operators and take account of the circumstances of their use. It applies to manual control actuators used in equipment for occupational and private use. It is particularly important to observe the recommendations in this European standard where operating a control actuator may lead to injury or damage to health, either directly or as a result of a human error.

Keel en

EN 894-1:1999/prA1

Identne EN 894-1:1997/prA1:2008

Tähtaeg 30.07.2008

Masinate ohutus. Kuvarite ja juhtseadiste konstruktsiooni ergonoomianõuded. Osa 1: Inimese ja kuvari ning juhtseadiste vastastikuse mõju üldpõhimõtted

See Euroopa standard kehtib seadmete kuvarite ja juhtseadiste konstruktsiooni kohta. Standard esitab inimese ja kuvari ning juhtseadiste vastastikuse mõju üldpõhimõtted eesmärgiga vähendada seadme kasutaja vigu ja tagada efektiivne side kasutaja ja seadmete vahel. Nende põhimõtete järgimine on oluline selleks, et vähendada kasutaja vigu ja tagada efektiivne side kasutaja ja seadme vahel. Eriti oluline on nende põhimõtete järgimine juhul, kui kasutaja vea tagajärjeks võivad olla kehavigastused või tervisekahjustus.

Keel en

EN 981:1999/prA1

Identne EN 981:1996/prA1:2008

Tähtaeg 30.07.2008

Masinate ohutus. Heliliste ja visuaalsete ohu- ja teabesignaalide süsteem

Visuaalsete ja heliliste ohusignaalide valemistõistmisega seonduvate ohtude vähendamiseks on esitatud ohu- ja teabesignaalide süsteem, milles on arvestatud eri tähtsusastmeid. See standard kehtib kõigi ohu- ja teabesignaalide kohta, mis peavad olema vastavalt standardi EN 292-2:1991 jaotise 5.3 määratlusele, teistele nõuetele või tööolukorrale selgesti tajutavad ja eristatavad, samuti kõigi tähtsusastmete kohta - alates edasilükkamatust olukorrast kuni häire lõpusignaalinii "ALL CLEAR" ("Ohu lõpp"). Juhul kui visuaalsed signaalid täiendavad helisignaale, on kindlaks määratud mõlema signaali tunnused.

Keel en

EN 1005-2:2003/prA1

Identne EN 1005-2:2003/prA1:2008

Tähtaeg 30.07.2008

Masinate ohutus. Inimese füüsiline töö. Osa 2: Masinate ja masina komponentide manuaalne käsitlemine

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

Keel en

EN 1005-3:2002/prA1

Identne EN 1005-3:2002/prA1:2008

Tähtaeg 30.07.2008

Masinate ohutus. Inimeste füüsiline töö. Osa 3: Masinate tööks soovitatava jõu piirmäärad

This European Standard presents guidance to the manufacturer of machinery or its component parts and the writer of C-standards in controlling health risks due to machine-related muscular force exertion.

Keel en

EN 1005-1:2002/prA1

Identne EN 1005-1:2001/prA1:2008

Tähtaeg 30.07.2008

Masinate ohutus. Inimeste füüsiline töö. Osa 1: Mõisted ja määratlused

This European Standard provides definitions on concepts and parameters used for EN 1005-2, prEN 1005-3, EN 1005-4 and EN 1005-5. Basic concepts and general ergonomic principles for the design of machinery are dealt with in EN 292-1, EN 292-2 and EN 614-1.

Keel en

EN 1005-4:2005/prA1

Identne EN 1005-4:2005/prA1:2008

Tähtaeg 30.07.2008

Masinate ohutus. Inimeste füüsiline töö. Osa 4: Tööasendite ja liigutuste hindamine

This European Standard presents guidance when designing machinery or its component parts in assessing and affecting health risks due only to machine-related postures and movements, i.e. during assembly, installation, operation, adjustment, maintenance, cleaning, repair, transport, and dismantlement.

Keel en

EN 14710-1:2005/prA2

Identne EN 14710-1:2005/prA2:2008

Tähtaeg 29.08.2008

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

EN 14710-2:2005/prA2

Identne EN 14710-1:2005/prA2:2008

Tähtaeg 29.08.2008

Tuletõrjepumbad. Ilma eelpumbata tsentrifugaalsed tuletõrjepumbad. Osa 2: Üldiste ja ohutusnõuete testimine

This document covers verification of the general and safety requirements of fire-fighting centrifugal pumps without primer as specified in EN 14710-1.

Keel en

FprEN 50131-3

Identne FprEN 50131-3:2008

Tähtaeg 30.07.2008

Alarm systems - Intrusion and hold-up systems - Part 3: Control and indicating equipment

This Standard specifies the requirements, performance criteria and testing procedures for control and indicating equipment (CIE) intended for use in intrusion and hold-up alarm systems (I&HAS) installed in buildings. This document also applies to CIE to be used in IAS or HAS. The CIE may incorporate processing functions of other I&HAS components, or its processing requirements may be distributed among such components. This Standard specifies the requirements for CIE installed in buildings using specific or non-specific wired interconnections or wire-free interconnections. These requirements also apply to ACE that are installed inside or outside of the supervised premises and mounted in indoor or outdoor environments. Where CIE shares means of detection, interconnection, control, communication, processing and / or power supplies with other applications, these requirements apply to I&HAS functions only. This Standard specifies performance requirements for CIE at each of the four security grades identified in the European Standard EN 50131-1, "Alarm Systems – Intrusion and Hold Up Systems – System requirements". Requirements are also specified for four environmental classes covering applications for indoor and outdoor locations... This standard includes mandatory functions, which shall be provided on all CIE for the appropriate security grade, as well as optional functions that may additionally be provided.

Keel en

Asendab CLC/TS 50131-3:2003; EVS-EN 50131-6:2002

prCEN/TR 12101-4

Identne prCEN/TR 12101-4:2008

Tähtaeg 30.07.2008

Smoke and heat control systems - Part 4: Installed SHEVS systems for smoke and heat ventilation

This Technical Report applies to SHEVS when installed in a building. This Technical Report specifies the ability of the system to meet the required performances of the SHEVS as specified by the design of the system. This Technical Report is to help to translate the detailed engineering plan into an installed system, but this Technical Report does not state how the design is made. This Technical Report also covers requirements on components and compatibility between components to ensure that the requirements on the installed system will be met. This Technical report includes requirements for the assembly, installation, commissioning, function testing, maintenance, periodic servicing and routine testing of SHEVS.

Keel en

prCEN/TR 15809

Identne prCEN/TR 15809:2008

Tähtaeg 30.07.2008

Characterization of sludges - Hygienic aspects - Treatments

This CEN Technical Report gives information about principles to be followed in different sludge treatment processes to reach specified hygienic requirements.

Keel EN

prCEN/TS 14816

Identne prCEN/TS 14816:2008

Tähtaeg 30.07.2008

Fixed firefighting systems - Water spray systems - Design, installation and maintenance

This standard specifies requirements and gives recommendations for the design, installation and maintenance of fixed deluge water spray systems internal and external to buildings and industrial plant and other premises on land. This standard covers only the use of the types sprinklers and sprayers specified in EN 12259-1 and prEN 12259-11 respectively. The requirements and recommendations of this standard are also applicable to any addition, extension, repair or other modification to a water spray system. This standard does not deal with sprinkler systems. It covers the hazards, provision of water supplies, components to be used, installation and testing of the system, maintenance, and the extension of existing systems, and identifies construction details of buildings which are necessary for the satisfactory performance of water spray systems complying with this standard. The general principles may well apply to other uses (e.g. maritime use), for these other uses additional considerations will almost certainly have to be taken into account. For water spray systems covered by this standard the authority shall be consulted.

Keel en

prEN 530

Identne prEN 530:2008

Tähtaeg 30.07.2008

Kaitserõivaste materjali hõõrdekindlus. Katsemeetod

This European Standard describes two methods on abrasion resistance of materials using the same apparatus. This standard is applicable as reference standard on abrasion for standards and specifications on protective clothing. The first method describes the determination of the abrasion resistance of protective clothing materials and the second method describes abrasion pre-treatment of these materials where the test samples afterwards are used in evaluation of the remaining protective properties.

Keel en

Asendab EVS-EN 530:1999

prEN 13890

Identne prEN 13890:2008

Tähtaeg 30.07.2008

Workplace exposure - Procedures for measuring metals and metalloids in airborne particles - Requirements and test methods

This European Standard specifies performance requirements and test methods for the evaluation of procedures for measuring metals and metalloids in airborne particles sampled onto a suitable collection substrate, e.g. a filter. This European Standard specifies a method for estimating the uncertainties associated with random and systematic errors and combining them to calculate the expanded uncertainty of the measuring procedure as a whole, as prescribed in EN 482. This European Standard is applicable to measuring procedures in which sampling and analysis is carried out in separate stages, but it does not specify performance requirements for collection, transport and storage of samples, since these are dealt with in EN 13205 and ISO 15767. This European Standard is not applicable to procedures for measuring metals or metalloids present as inorganic gases or vapours, e.g. mercury, arsenic (see EN 838 and EN 1076), or to procedures for measuring metals and metalloids in compounds that could be present as a particle/vapour mixture, e.g. arsenic trioxide.

Keel en

Asendab EVS-EN 13890:2002

prEN 15804

Identne prEN 15804:2008

Tähtaeg 30.07.2008

Sustainability of construction works - Environmental product declarations - Product category rules

This voluntary European standard provides product category rules for Type III environmental declarations for all European construction products and services. The PCR: - defines the indicators and other parameters to be declared and the way in which they are collated and reported, - includes the rules for calculating the Life Cycle Assessment, Life Cycle Inventory or the information modules underlying an EPD, including the specification of the quality of the applied data, - describes which stages of a product's life cycle are considered in the EPD and which processes are included in the life cycle stages, - defines rules for the development of scenarios, - includes the rules for calculating and reporting any relevant additional environmental information for a product, construction process and service where necessary, - defines the conditions under which construction products can be compared based on the information provided by EPD. For the EPD of services the same rules and requirements apply as for the EPD of construction products. NOTE In this standard the EPD is an abbreviation for 'environmental product declaration', which is intended to be synonymous with the designation 'Type III environmental declaration'. In the practice of developing Type III environmental declarations, programs or their declarations are referred to by various names such as eco-profile, environmental declaration of product, environmental product declaration (EPD), or environmental profile.

Keel en

prEN 50519

Identne prEN 50519:2008

Tähtaeg 30.07.2008

Assessment of workers' exposure to electric and magnetic fields of industrial induction heating equipment

This European Standard specifies procedures for assessment of electric, magnetic and electromagnetic fields produced by industrial and professional induction heating equipment. Typical induction heating applications are for example: - melting; - zone-melting; - heating before hot forming; - heating by tunnel-inductor; - hardening / coaxial transformer handheld devices; - tube welding; - tube annealing; - hardening; - soldering; - hard-soldering / brazing; - bonding; - annealing; - metal-strip and wire heating; - tempering; - sintering; - shrinking. This product standard covers the frequency range up to 30 MHz taking into account the specific characteristics of industrial and professional induction heating equipment and its usage. This European Standard may also be used for assessment regarding the requirements of Directive 2004/40/EC [1] on the minimum health and safety requirements regarding the exposure of workers to the risks arising from physical agents (electromagnetic fields), provided that no other relevant field sources are present in close proximity. If other field sources are present, additional assessment according to EN 50499 is necessary. This European Standard does not cover protective measures for people with active implants.

Keel en

prEN ISO 7096

Identne prEN ISO 7096:2008

ja identne ISO 7096:2000

Tähtaeg 30.07.2008

Mullatöömasinad. Operaatori istme vibratsiooni laboratoorne hindamine

1.1 This International Standard specifies, in accordance with ISO 10326-1, a laboratory method for measuring and evaluating the effectiveness of the seat suspension in reducing the vertical whole-body vibration transmitted to the operator of earth-moving machines at frequencies between 1 Hz and 20 Hz. It also specifies acceptance criteria for application to seats on different machines. 1.2 This International Standard is applicable to operator seats used on earth-moving machines as defined in ISO 6165. 1.3 This International Standard defines the input spectral classes required for the following earth-moving machines. Each class defines a group of machines having similar vibration characteristics: rigid frame dumpers > 4 500 kg operating mass¹ articulated frame dumpers scrapers without axle or frame suspension² wheel-loaders > 4 500 kg operating mass¹) graders wheel-dozer soil compactors (wheel type) backhoe-loaders crawler loaders crawler-dozer u 50 000 kg operating mass¹), 3 compact dumpers u 4 500 kg operating mass¹) compact loaders u 4 500 kg operating mass¹) skid-steer loaders u 4 500 kg operating mass¹) 1.4 The following machines impart sufficiently low vertical vibration inputs at frequencies between 1 Hz and 20 Hz to the seat during operation that these seats do not require suspension for the attenuation of transmitted vibration: excavators, including walking excavators and cable excavators⁴ trenchers landfill compactors non-vibratory rollers milling machines pipelayers finishers vibratory rollers^{1.5} The tests and criteria defined in this International Standard are intended for operator seats used in earth-moving machines of conventional design. 1.6 Vibration which reaches the operator other than through his seat, for example that sensed by his feet on the platform or control pedals or by his hands on the steering-wheel, is not covered.

Keel en

Asendab EVS-EN ISO 7096:2000

prEN ISO 7731

Identne prEN ISO 7731:2008

ja identne ISO 7731:2003

Tähtaeg 30.07.2008

Ergonoomika. Üldkasutatavates tsoonides ja töökohal kasutatavad ohusignaalid. Helisignaalid

This International Standard specifies the physical principles of design, ergonomic requirements and the corresponding test methods for danger signals for public and work areas in the signal reception area and gives guidelines for the design of the signals. It may also be applied to other appropriate situations. The relevance given in the definitions as to the difference between an auditory emergency signal, auditory emergency evacuation signal and an auditory warning signal should be noted. The emergency evacuation signal is covered in ISO 8201. This International Standard does not apply to verbal danger warnings (e.g. shouts, loudspeaker announcements). ISO 9921 covers verbal danger signals. Special regulations such as those for a public disaster and public transport are not affected by this International Standard.

Keel en

Asendab EVS-EN ISO 7731:2005

prEN ISO 11771

Identne prEN ISO 11771:2008
ja identne ISO/DIS 11771:2008
Tähtaeg 30.07.2008

Air quality - Determination of time-averaged mass emissions and emission factors - General approach

This International Standard specifies a generic method for the determination and the reporting of time averaged mass emissions from a specific installation, or of a family of installations (or common source type), using data collected by measurement, and by establishing - mass emission rates by the simultaneous measurement of concentration and gas flow, using standardized manual or continuous methods, and also the estimation of the uncertainty of the measurement, - time averaged mass emission rates using time series of mass emission rate values, their uncertainty characteristics, and also the determination of the expanded uncertainty of the average, - time averaged emissions factors for a specific installation or of a family of installations and their associated uncertainty characteristics, and - a quality management system to assist the process of inventory quality assurance and verification.

Keel en

prEN ISO 13732-1

Identne prEN ISO 13732-1:2008
ja identne ISO 13732-1:2006
Tähtaeg 30.07.2008

Soojuskeskkondade ergonoomika. Meetodid, millega hinnata inimese reaktsiooni kokkupuutel pinnaga. Osa 1: Kuumad pinnad

This part of ISO 13732 provides temperature threshold values for burns that occur when human skin is in contact with a hot solid surface. It also describes methods for the assessment of the risks of burning, when humans could or might touch hot surfaces with their unprotected skin. This part of ISO 13732 also gives guidance for cases where it is necessary to specify temperature limit values for hot surfaces; it does not set surface temperature limit values. This part of ISO 13732 deals with contact periods of 0,5 s and longer. It is applicable to contact when the surface temperature is essentially maintained during the contact (see 4.1). It is not applicable if a large area of the skin (approximately 10 % or more of the skin of the whole body) can be in contact with the hot surface. Neither does it apply to skin contact of more than 10 % of the head or contact which could result in burns of vital areas of the face. This part of ISO 13732 is applicable to the hot surfaces of all kind of objects: equipment, products, buildings, natural objects, etc. For the purposes of simplification, it mentions only products; nevertheless, it applies to all other objects as well. It is applicable to products used in any environment, e.g. in the workplace, in the home. It is applicable to hot surfaces of products that may be touched by healthy adults, children, elderly people and also by people with physical disabilities. It does not provide data for the protection against discomfort or pain.

Keel en

Asendab EVS-EN ISO 13732-1:2006

prEN ISO 13732-3

Identne prEN ISO 13732-3:2008
ja identne ISO 13732-3:2005
Tähtaeg 30.07.2008

Soojuskeskkondade ergonoomika. Meetodid, millega hinnata inimese reaktsiooni kokkupuutel pinnaga. Osa 3: Külmad pinnad

This European Standard describes methods for the assessment of the risk of cold injury and other adverse effects when a cold surface is touched by bare hand/finger skin. This standard provides ergonomics data to establish temperature limit values for cold solid surfaces. The values established can be used in the development of special standards, where surface temperature limit values are required. The data of this standard will be applicable to all fields where cold solid surfaces cause a risk of acute effects: pain, numbness and frostbite. The data are not limited to the hands but apply to human skin in general. The standard is applicable to the healthy skin of adults (females and males). Considerations on the extension of applications are given in Annex B.

Keel en

Asendab EVS-EN ISO 13732-3:2006

prEN ISO 14738

Identne prEN ISO 14738:2008
ja identne ISO 14738:2002/Cor 2:2005
Tähtaeg 30.07.2008

Masinate ohutus . Antropomeetrilised nõuded masinate tööajamade kavandamisele

This European Standard establishes principles for deriving dimensions from anthropometric measurements and applying them to the design of workstations at non-mobile machinery. It is based on current ergonomic knowledge and anthropometric measurements

Keel en

Asendab EVS-EN ISO 14738:2002

prEN ISO 15536-1

Identne prEN ISO 15536-1:2008
ja identne ISO 15536-1:2005
Tähtaeg 30.07.2008

Ergonoomika. Arvutil simuleeritud mannekeenid ja kehamallid. Osa 1: Üldnõuded

This part of ISO 15536 establishes the general requirements for the design and development of computer manikins, body templates and manikin systems. It addresses their anthropometric and biomechanical properties, taking into account their usability and restrictions for structural complexity and functional versatility, and is also intended as a guide for the selection of manikins and manikin systems and for the evaluation of their accuracy and usability for the specified use. It specifies the documentation of the characteristics of manikins and manikin systems and their intended use, for the guidance of their users. It provides means for ensuring that computer manikins and body templates for the design of work space are appropriately accurate and reliable in their anthropometric and biomechanical aspects. It aims to ensure that users of manikins are able to choose an appropriate manikin system for particular design tasks and use it in an appropriate way. It sets requirements only on the static accuracy of the manikin, but provides recommendations on the other factors that can influence the accuracy of the analyses and determinations performed using them.

Keel en

Asendab EVS-EN ISO 15536-1:2005

prEN ISO 22282-1

Identne prEN ISO 22282-1:2008

ja identne ISO/DIS 22282-1:2008

Tähtaeg 30.07.2008

Geotechnical investigation and testing - Geohydraulic testing - Part 1: General rules

This document deals with the general rules and principles for geohydraulic testing in soil and rock as part of the geotechnical investigation services in accordance with EN 1997-1 and prEN 1997-2. It defines concepts and specifies requirements relating to permeability measurement in soil and rock. The different purposes of geohydraulic testing are to obtain information on the permeability of soil or rock in natural or treated states, transmissivity and storage coefficient, and hydrodynamic parameters of aquifers.

Keel en

prEN ISO 22282-2

Identne prEN ISO 22282-2:2008

ja identne ISO/DIS 22282-2:2008

Tähtaeg 30.07.2008

Geotechnical investigation and testing - Geohydraulic testing - Part 2: Water permeability tests in a borehole without packer

This standard specifies requirements for the determination of the local permeability in soils and rocks below and above ground water level in an open hole by the water permeability tests as part of the geotechnical investigation services according to EN 1997-1 and prEN 1997-2. It also includes the estimation of permeability of unsaturated soils.

Keel en

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

UUED STANDARDID

CEN ISO/TS 17450-1:2008/AC:2008

Hind 0,00

Identne CEN ISO/TS 17450-1:2007/AC:2008

ja identne ISO/TS 17450-1:2005/Cor 1:2007

Geometrical product specifications (GPS) - General concepts - Part 1: Model for geometrical specification and verification

Keel en

EVS-EN 14255-3:2008

Hind 180,00

Identne EN 14225-3:2008

Measurement and assessment of personal exposures to incoherent optical radiation - Part 3: UV-Radiation emitted by the sun

This European Standard specifies procedures for the measurement or estimation and the assessment of personal exposures to ultraviolet radiation emitted by the sun. NOTE 1 According to CIE 17.4 UV-radiation is defined as an electromagnetic radiation with wavelength between 100 nm and 400 nm. Due to atmospheric absorption only solar UV-radiation in the spectral region between 280 nm and 400 nm reaches the earth's surface in significant amounts. This European Standard applies to solar UV-exposures when staying outdoors. This European Standard is applicable to workers and to the general population. This European Standard does not apply to UV-exposures caused by artificial sources, e.g. UV-lamps, welding arcs. NOTE 2 Part 1 of this European Standard deals with UV-exposures caused by artificial sources. NOTE 3 For radiation emissions of products other standards apply, such as CIE S 009 for lamps and lamp systems, EN 60335-2-27 [6] for sunbeds, EN 60335-2-59 [7] for insect killers and EN 12198 [8] for radiation emissions of machinery. This European Standard does not apply to radiation exposures which concern the retina of the eyes. NOTE 4 Ultraviolet and visible radiation exposures of the eyes may result in photochemical damage to the retina (this is often called the blue light hazard). The associated action spectrum contains mainly visible radiation and only a very small contribution in the ultraviolet region. The determination and assessment of radiation which may result in a blue light hazard may be done in accordance with part 2 of EN 14255 [20].

Keel en

EVS-EN 15302:2008

Hind 305,00

Identne EN 15302:2008

Raudteealased rakendused. Meetodid koonilisuse ekvivalendi määramiseks

This European Standard establishes an evaluation procedure for determining equivalent conicity. A benchmark calculation is specified to achieve comparable results on a consistent basis for the equivalent conicity, which may be calculated by different methods not given in this European Standard. This European Standard also proposes possible calculation methods. Informative examples of the use of the Klingel formula (see Annex B) and linear regression of the Δr -function (see Annex C) are included in this European Standard. This European Standard includes reference profiles, profile combinations, tolerances and reference results with tolerance limits, which allow the user to assess the acceptability of a measuring and calculation system including random- and grid- errors of the measuring system. It sets down the principles of calculation that need to be followed but does not impose any particular numerical calculation method. This European Standard does not define limits for the equivalent conicity and gives no tolerances for the rail profile and the wheel profile to achieve acceptable results for the conicity. For purposes outside the scope of this European Standard (e.g. simulation of vehicle behaviour) it can be useful or necessary to use more sophisticated theories. These methods are not within the scope of this European Standard. For the application of this European Standard some general recommendations are given in Annex I.

Keel en

EVS-ISO/IEC Guide 99:2008

Hind 286,00

ja identne ISO/IEC Guide 99:2007

International vocabulary of metrology — Basic and general concepts and associated terms (VIM)

In this Vocabulary, a set of definitions and associated terms is given, in English and French, for a system of basic and general concepts used in metrology, together with concept diagrams to demonstrate their relations. Additional information is given in the form of examples and notes under many definitions. This Vocabulary is meant to be a common reference for scientists and engineers — including physicists, chemists, medical scientists — as well as for both teachers and practitioners involved in planning or performing measurements, irrespective of the level of measurement uncertainty and irrespective of the field of application. It is also meant to be a reference for governmental and intergovernmental bodies, trade associations, accreditation bodies, regulators, and professional societies. Concepts used in different approaches to describing measurement are presented together. The member organizations of the JCGM can select the concepts and definitions in accordance with their respective terminologies. Nevertheless, this Vocabulary is intended to promote global harmonization of terminology used in metrology.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

EN 60704-2-13:2002/FprA2

Identne EN 60704-2-13:2000/FprA2:2008

ja identne IEC 60704-2-13:2000/A2:2008

Tähtaeg 30.07.2008

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise -- Part 2-13: Particular requirements for range hoods

This standard applies to electrical range hoods (including their accessories and their component parts) for household and similar use. By similar use is understood the use in similar condition as in households, for example in inns, coffeehouses, tea-rooms. This standard applies to range hoods intended for filtering the air of the room or to exhaust the air out of the room .

This standard does not apply to: range hoods for industrial or professional purposes. Appliances in which the fan is located in a separate unit from the range hoods itself.

Keel en

EN ISO 9902-2:2001/prA1

Identne EN ISO 9902-2:2001/prA1:2008

ja identne ISO 9902-2:2001/DAM 1:2008

Tähtaeg 30.07.2008

Tekstiilimasinad. Mürakatsekood. Osa 2: Ketruse ettevalmistus- ja ketrusmasinad

This standard, taken together with EN ISO 9902-1, specifies the mounting, operating and measuring conditions required for the measurement, declaration and verification of noise emitted by spinning preparatory and spinning machinery.

Keel en

EN ISO 9902-3:2001/prA1

Identne EN ISO 9902-3:2001/prA1:2008

ja identne ISO 9902-3:2001/DAM 1:2008

Tähtaeg 30.07.2008

Tekstiilimasinad. Mürakatsekood. Osa 3: Mittekudumismasinad

This standard, taken together with EN ISO 9902-1, specifies the mounting, operating and measuring conditions required for the measurement, declaration and verification of noise emitted by nonwoven machinery.

Keel en

EN ISO 9902-4:2001/prA1

Identne EN ISO 9902-4:2001/prA1:2008

ja identne ISO 9902-4:2001/DAM 1:2008

Tähtaeg 30.07.2008

Tekstiilimasinad. Mürakatsekood. Osa 4: Niiditööluse, taglasetrosside ja köite valmistamise masinad

This standard, taken together with EN ISO 9902-1, specifies the mounting, operating and measuring conditions required for the measurement, declaration and verification of noise emitted by yarn processing, cordage and rope manufacturing machinery.

Keel en

EN ISO 9902-5:2001/prA1

Identne EN ISO 9902-5:2001/prA1:2008

ja identne ISO 9902-5:2001/DAM 1:2008

Tähtaeg 30.07.2008

Tekstiilimasinad. Mürakatsekood. Osa 5: Telgedel kudumise ja silmuskudumise ettevalmistusmasinad

This standard, taken together with EN ISO 9902-1, specifies the mounting, operating and measuring conditions required for the measurement, declaration and verification of noise emitted by weaving and knitting preparatory machinery.

Keel en

EN ISO 9902-6:2001/prA1

Identne EN ISO 9902-6:2001/prA1:2008

ja identne ISO 9902-6:2001/DAM 1:2008

Tähtaeg 30.07.2008

Tekstiilimasinad. Mürakatsekood. Osa 6: Riidevalmistamise masinad

This standard, taken together with EN ISO 9902-1, specifies the mounting, operating and measuring conditions required for the measurement, declaration and verification of noise emitted by fabric manufacturing machinery.

Keel en

EN ISO 9902-7:2001/prA1

Identne EN ISO 9902-7:2001/prA1:2008

ja identne ISO 9902-7:2001/DAM 1:2008

Tähtaeg 30.07.2008

Tekstiilimasinad. Mürakatsekood. Osa 7: Värvimis- ja viimistlusmasinad

This standard, taken together with EN ISO 9902-1, specifies the mounting, operating and measuring conditions required for the measurement, declaration and verification of noise emitted by dyeing and finishing machines.

Keel en

EN ISO 9902-1:2001/prA1

Identne EN ISO 9902-1:2001/prA1:2008
ja identne ISO 9902-1:2001/DAM 1:2008
Tähtaeg 30.07.2008

Tekstiilimasinad. Mürakatsekood. Osa 1: Ühtsed nõuded

This standard gives requirements for carrying out efficiently and under standardized conditions the determination, declaration and verification of basic noise emission quantities common to the types of textile machinery dealt with in EN ISO 9902-2 to EN ISO 9902-7. It specifies noise measurement methods, as well as the mounting and operation conditions, to be used for the test code.

Keel en

FprEN 60060-1

Identne FprEN 60060-1:2008
ja identne IEC 60060-1:200X
Tähtaeg 30.07.2008

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

This standard is applicable to: – dielectric tests with direct voltage; – dielectric tests with alternating voltage; – dielectric tests with impulse voltage; – tests with combinations of the above. This standard is applicable only to tests on equipment having its highest voltage for equipment U_m above 1 kV to a maximum voltage defined in the relevant standards, for example IEC 60071.

Keel en

Asendab EVS-HD 588.1 S1:2003

prEN ISO 9493

Identne prEN ISO 9493:2008
ja identne ISO/DIS 9493:2008
Tähtaeg 30.07.2008

Geometrical product specifications (GPS) - Dimensional measuring equipment: Dial test indicators (lever type) - Design and metrological requirements

This International Standard specifies the most important design and metrological characteristics of dial test indicators (lever type).

Keel en

prEN ISO 10360-5

Identne prEN ISO 10360-5:2008
ja identne ISO/DIS 10360-5:2008
Tähtaeg 29.08.2008

Geometrical Product Specifications (GPS) - Acceptance and reverification tests for coordinate measuring machines (CMM) - Part 5: CMMs using single and multiple stylus contacting probing systems

This part of ISO 10360 specifies acceptance and periodic reverification tests of CMM performance with contacting probing systems and is only applicable to CMMs using: - any type of contact-probing system - discrete point probing mode - spherical and hemispherical styli It complements ISO 10360-7 which is the module for CMMs with video probing systems, and ISO 10360-2 which is universal, i.e. not probe type specific

Keel en

Asendab EVS-EN ISO 10360-5:2001

prEN ISO 28927-1

Identne prEN ISO 28927-1:2008
ja identne ISO/DIS 28927-1:2008
Tähtaeg 30.07.2008

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 1: Angle and vertical grinders

This part of ISO 28927 specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of hand-held power-driven angle and vertical grinders. It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of a power tool fitted with a specified test wheel and run under no load conditions. This part of ISO 28927 applies to hand-held power tools intended for grinding, cutting-off and rough sanding, with bonded, coated and super-abrasive products for use on all kinds of materials. The method has been tested for surface grinding tasks only. Cutting and sanding are generally creating lower vibrations. The power tools covered by this part of ISO 28927 may be pneumatically driven, or driven by other means. Typical tools are illustrated in figure 1-6. This part of ISO 28927 applies to the tools mentioned in clause 5. It does not apply to die grinders or straight grinders. It is intended that the results can be used to compare different models of the same type of power tool.

Keel en

Asendab EVS-EN 28662-1:1999; EVS-EN ISO 8662-4:1999

prEN ISO 28927-2

Identne prEN ISO 28927-2:2008
ja identne ISO/DIS 28927-2:2008
Tähtaeg 30.07.2008

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 2: Wrenches, nut runners and screwdrivers

This part of ISO 28927 specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of hand-held power-driven wrenches and nutrunners with impact or impulse action. It also covers screwdrivers; shut-off, ratchet or stall types and nutrunners; shut-off or stall types. It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of a power tool when operating on a specified load. This standard covers all types of designs; straight, pistol grip, angle, bow handles. This part of ISO 28927 applies to hand-held power tools intended for tightening and unfastening threaded fasteners. The method has been tested for fastening tasks only. This part of ISO 28927 covers power tools with 6,3 mm to 40 mm (1/4 in to 1 1/2 in) male or female drive output shafts; other geometries are also included. The power tools covered by this part of ISO 28927 may be pneumatically driven, or driven by other means. Typical tools are illustrated in figures 1-9. This part of ISO 28927 applies to the tools mentioned in clause 5. It does not apply to nutrunners designed to be used only in torque reaction arms. It is intended that the results be used to compare different models of the same type of power tool.

Keel en

Asendab EVS-EN ISO 8662-7:1999; EVS-EN 28662-1:1999

prEN ISO 28927-3

Identne prEN ISO 28927-3:2008

ja identne ISO/DIS 28927-3:2008

Tähtaeg 30.07.2008

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 3: Polishers and rotary, orbital and random orbital sanders

This part 3 of ISO 28927 specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of hand-held polishers and rotary, orbital and random orbital sanders. These tools are intended for surfaces finishing processes and not intended for material removal. It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of the tools when operating under type test conditions. This part of ISO 28927 applies to hand-held polishers with circular polishing pad, rotary vertical and angle sanders and orbital and random orbital sanders (including grinding type tools fitted with a dual action orbital hub), intended for polishing of painted surfaces with buffing pads and for sanders using circular or rectangular sanding papers that are used for flat surfaces. The power tools covered by this part of ISO 28927 may be pneumatically driven, or driven by other means. Typical tools are illustrated in figure 1-8. This part of ISO 28927 applies to the tools mentioned in clause 5. It does not apply to straight grinders equipped with a sanding wheel and belt sanders. It is intended that the results can be used to compare different models of the same type of power tool.

Keel en

Asendab EVS-EN 28662-1:1999; EVS-EN ISO 8662-8:1999

prEN ISO 28927-5

Identne prEN ISO 28927-5:2008

ja identne ISO/DIS 28927-5:2008

Tähtaeg 30.07.2008

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 5: Drills and impact drills

This part of ISO 28927 specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of hand-held power-driven drills and impact drills. It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of a drill fitted with a drill bit. This part of ISO 28927 applies to straight drills, pistol grip drills and angle drills intended for drilling holes on all kinds of materials with rotating or impact action. The power tools covered by this part of ISO 28927 may be pneumatically driven, or driven by other means. Typical tools are illustrated in figure 1-5. This part of ISO 28927 applies to the tools mentioned in clause 5. It does not apply to heavy duty drills with a screw fed or combustion engine driven drills. It is intended that the results can be used to compare different models of the same type of power tool.

Keel en

Asendab EVS-EN ISO 8662-6:1999

prEN ISO 28927-6

Identne prEN ISO 28927-6:2008

ja identne ISO/DIS 28927-6:2008

Tähtaeg 30.07.2008

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 6: Rammers

This part of ISO 28927 specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of rammers. It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of the tools. This part of ISO 28927 applies to rammers, back-fill rammers, pawing rammers, sand rammers and stampers intended for use in foundries, on building sites, etc. with for example butts or peens made of cast iron or rubber used for ramming of casting sand or stamping work. The power tools covered by this part of ISO 28927 may be pneumatically driven, or driven by other means. Typical tools are illustrated in figure 1-2. This part of ISO 28927 applies to the tools mentioned in clause 5. It is intended that the results can be used to compare different models of the same type of power tool.

Keel en

Asendab EVS-EN ISO 8662-9:1999

prEN ISO 28927-7

Identne prEN ISO 28927-7:2008

ja identne ISO/DIS 28927-7:2008

Tähtaeg 30.07.2008

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 7: Nibblers and shears

This part of ISO 28927 specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of nibblers and shears. It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of the tools. This part of ISO 28927 applies to nibblers and shears intended for cutting sheet metal or composite panels. The power tools covered by this part of ISO 28927 may be pneumatically driven, or driven by other means. Typical tools are illustrated in figures 1-5. This part of ISO 28927 applies to the tools mentioned in clause 5. It is intended that the results can be used to compare different models of the same type of power tool.

Keel en

Asendab EVS-EN ISO 8662-10:1999

prEN ISO 28927-8

Identne prEN ISO 28927-8:2008

ja identne ISO/DIS 28927-8:2008

Tähtaeg 30.07.2008

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 8: Saws, polishing and filing machines with reciprocating action and saws with oscillating or rotating action

This part of ISO 28927 specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of hand-held saws, polishing and filing machines with reciprocating action and small saws with oscillating or rotating action. It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of the tools. This part of ISO 28927 applies to reciprocating files intended for surface finishing equipped with a file or a polishing tool, saws intended for parting sheets, plaster for medical use or wood, equipped with saw blade for use on all kinds of materials and small circular saws primarily intended for cutting metal or composite materials. The power tools covered by this part of ISO 28927 may be pneumatically driven, or driven by other means. Typical tools are illustrated in figure 1-11. This part of ISO 28927 applies to the tools mentioned in clause 5. It does not apply to files that are normally used with one hand on the file blade. Further it does not apply to big circular saws intended for cutting wood. It is intended that the results can be used to compare different models of the same type of power tool.

Keel en

Asendab EVS-EN ISO 8662-12:1999

prEN ISO 28927-9

Identne prEN ISO 28927-9:2008

ja identne ISO/DIS 28927-9:2008

Tähtaeg 30.07.2008

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 9: Scaling hammers and needle scalers

This part of ISO 28927 specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of hand-held scaling hammers and needle scalers. It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of the tools. This part of ISO 28927 applies to engraving pens, scabblers, scaling hammers and needle scalers intended for paint, rust and scale removal with reciprocating work tools or needles for use on all kinds of materials. The power tools covered by this part of ISO 28927 may be pneumatically driven, or driven by other means. Typical tools are illustrated in figure 1-4. This part of ISO 28927 applies to the tools mentioned in clause 5. It is intended that the results can be used to compare different models of the same type of power tool.

Keel en

Asendab EVS-EN ISO 8662-14:1999

19 KATSETAMINE

UUED STANDARDID

EVS-EN 61010-031:2003/A1:2008

Hind 123,00

Identne EN 61010-031:2002/A1:2008

ja identne IEC 61010-031:2002/A1:2008

Ohutusnõuded elektrilistele mõõtmis-, juhtimis- ja laboratooriumiseadmetele. Osa 031: Ohutusnõuded käeshoitavatele elektrimõõtmis- ja katsetusseadmetele

Deals with the safety of hand-held and hand-manipulated probe assemblies. They are for use in the interface between an electrical phenomenon and test or measurement equipment. Three main types are described: (A) Low-voltage and high-voltage, non-attenuating probe assemblies. For voltages less than 63 kV. They do not incorporate active components. (B) High-voltage attenuating or divider probe assemblies. For voltages less than 63 kV. They incorporate a divider function. (C) Low voltage attenuating or divider probe assemblies. For voltages less than 1 kV r.m.s or 1,5 kV d.c. They incorporate a signal conditioning function.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

FprEN 60060-1

Identne FprEN 60060-1:2008

ja identne IEC 60060-1:200X

Tähtaeg 30.07.2008

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

This standard is applicable to: – dielectric tests with direct voltage; – dielectric tests with alternating voltage; – dielectric tests with impulse voltage; – tests with combinations of the above. This standard is applicable only to tests on equipment having its highest voltage for equipment Um above 1 kV to a maximum voltage defined in the relevant standards, for example IEC 60071.

Keel en

Asendab EVS-HD 588.1 S1:2003

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

KAVANDITE ARVAMUSKÜSITLUS

EN 13411-2:2002/prA1

Identne EN 13411-2:2001/prA1:2008

Tähtaeg 29.08.2008

Terastraadist trosside otsmuhvid. Ohutus. Osa 2: Terastraadist trosside trosside avade jätkamine

This standard specifies minimum requirements for the splicing of eye terminations for six or eight stranded steel wire ropes of up to 60 mm diameter complying with prEN 12385-4 used for slings to ensure that the spliced eye is strong enough to withstand a force at least 80% of the minimum breaking load of the rope.

Keel en

EN 13411-1:2002/prA1

Identne EN 13411-1:2002/prA1:2008

Tähtaeg 29.08.2008

Terastraadist trosside otsmuhvid. Ohutus. Osa 1:

Terastraadist trosside troppide ühendusmuhvid

This standard specifies the minimum requirements for non welded general purpose steel thimbles. The thimbles are intended to be used in slings made with six or eight strand steel wire ropes from 8 mm to 60 mm diameter complying with EN 12385-4.

Keel en

prEN 15800

Identne prEN 15800:2008

Tähtaeg 30.07.2008

Cylindrical helical springs made of round wire - Quality specifications for cold coiled compression springs

This European Standard applies to cylindrical helical compression springs made of round spring wire. Cold coiled compression springs can be made with wire up to about 16 mm diameter. (See also EN 13906-1).

Keel en

prEN ISO 3506-2

Identne prEN ISO 3506-2:2008

ja identne ISO/DIS 3506-2:2008

Tähtaeg 30.07.2008

Korrosioonikindlast roostevabast terasest kinnitusdetailide mehaanilised omadused. Osa 2: Mutrid

This part of ISO 3506 specifies the mechanical properties of nuts made of austenitic, martensitic and ferritic steel grades of corrosion-resistant stainless steels when tested over an ambient temperature range of 10 °C to 35 °C. Properties will vary at higher or lower temperatures. This part of ISO 3506 applies to nuts - with nominal thread diameter $d \leq 39$ mm; - of triangular ISO metric threads with diameters (d) and pitches (P) in accordance with ISO 68-1, ISO 261 and ISO 262; - of any shape; - with width across flats as specified in ISO 272; - with nominal heights $m \geq 0,5 d$. It does not apply to nuts requiring properties such as - locking abilities; - weldability. NOTE The designation system of this part of ISO 3506 may be used for sizes outside the limits laid down in this clause (e.g. $d > 39$ mm), provided that all applicable mechanical and physical requirements of the property classes are met. This part of ISO 3506 does not define corrosion or oxidation resistance in particular environments. However, some information on materials for particular environments is given in Annex D.

Regarding definitions of corrosion and corrosion resistance see ISO 8044. The aim of this part of ISO 3506 is a classification into property classes of corrosion-resistant stainless steel fasteners. Some materials can be used at temperatures down to - 200 °C, some can be used at temperatures up to + 800 °C in air. Information on the influence of temperature on mechanical properties is found in Annex E. Corrosion and oxidation performances and mechanical properties for use at elevated or sub-zero temperatures should be agreed between user and manufacturer in each particular case. Annex F shows how the risk of intergranular corrosion at elevated temperatures depends on the carbon content. All austenitic stainless steel fasteners are normally non-magnetic in the annealed condition; after cold working, some magnetic properties may be evident (see Annex G).

Keel en

Asendab EVS-EN ISO 3506-2:1999

prEN ISO 3506-3

Identne prEN ISO 3506-3:2008

ja identne ISO/DIS 3506-3:2008

Tähtaeg 30.07.2008

Korrosioonikindlast roostevabast terasest kinnitusdetailide mehaanilised omadused. Osa 3: Tõmbepingega koormamata seadekruidid ja samalaadsed kinnitusdetailid

This part of ISO 3506 specifies the mechanical properties of set screws and similar fasteners not under tensile stress made of austenitic stainless steel when tested over an ambient temperature range of 10 °C to 35 °C. Properties will vary at higher or lower temperatures. This part of ISO 3506 applies to set screws and similar fasteners with nominal thread diameter $1,6 \text{ mm} \leq d \leq 24$ mm; of triangular ISO metric threads with diameters (d) and pitches (P) in accordance with ISO 68-1, ISO 261 and ISO 262; of any shape. It does not apply to screws with special properties such as weldability. NOTE The designation system of this part of ISO 3506 may be used for sizes outside the limits laid down in this clause (e.g. $d > 24$ mm), provided that all applicable mechanical and physical requirements of the property classes are met. This part of ISO 3506 does not define corrosion or oxidation resistance in particular environments. The aim of this part of ISO 3506 is a classification into property classes of corrosion-resistant stainless steel fasteners. Corrosion and oxidation performances and mechanical properties for use at elevated or sub-zero temperatures should be agreed between user and manufacturer in each particular case. Annex D shows how the risk of intergranular corrosion at elevated temperatures depends on the carbon content. All austenitic stainless steel fasteners are normally non-magnetic in the annealed condition; after cold working, some magnetic properties may be evident (see Annex E).

Keel en

Asendab EVS-EN ISO 3506-3:1999

prEN ISO 3506-1

Identne prEN ISO 3506-1:2008
ja identne ISO/DIS 3506-1:2008
Tähtaeg 30.07.2008

Korrosioonikindlast roostevabast terasest kinnitusdetailide mehaanilised omadused.Osa 1: Poldid, kruvid ja tikkpoldid

This part of ISO 3506 specifies the mechanical properties of bolts, screws and studs made of austenitic, martensitic and ferritic steel grades of corrosion-resistant stainless steels when tested over an ambient temperature range of 10 °C to 35 °C. Properties will vary at higher or lower temperatures. This part of ISO 3506 applies to bolts, screws and studs - with nominal thread diameter $d \leq 39$ mm; - of triangular ISO metric threads with diameters (d) and pitches (P) in accordance with ISO 68-1, ISO 261 and ISO 262; - of any shape. It does not apply to screws with special properties such as weldability. NOTE The designation system of this part of ISO 3506 may be used for sizes outside the limits laid down in this clause (e.g. $d > 39$ mm), provided that all applicable mechanical and physical requirements of the property classes are met. This part of ISO 3506 does not define corrosion or oxidation resistance in particular environments. However, some information on materials for particular environments is given in Annex E. Regarding definitions of corrosion and corrosion resistance see ISO 8044. The aim of this part of ISO 3506 is a classification into property classes of corrosion-resistant stainless steel fasteners. Some materials can be used at temperatures down to - 200 °C, some can be used at temperatures up to + 800 °C in air. Information on the influence of temperature on mechanical properties is found in Annex F. Corrosion and oxidation performances and mechanical properties for use at elevated or sub-zero temperatures should be agreed between user and manufacturer in each particular case. Annex G shows how the risk of intergranular corrosion at elevated temperatures depends on the carbon content. All austenitic stainless steel fasteners are normally non-magnetic in the annealed condition; after cold working, some magnetic properties may be evident (see Annex H).

Keel en

Asendab EVS-EN ISO 3506-1:1999

prEN ISO 3506-4

Identne prEN ISO 3506-4:2008
ja identne ISO/DIS 3506-4:2008
Tähtaeg 30.07.2008

Mechanical properties of corrosion-resistant stainless steel fasteners - Part 4: Tapping screws

This part of ISO 3506 specifies the mechanical properties of tapping screws made of austenitic, martensitic and ferritic steel grades of corrosion-resistant stainless steels when tested over an ambient temperature range of 10 °C to 35 °C. Properties will vary at higher or lower temperatures. It applies to tapping screws with threads from ST2,2 up to and including ST8 in accordance with ISO 1478. It does not apply to screws with special properties such as weldability. NOTE The designation system of this part of ISO 3506 may be used for sizes outside the limits laid down in this clause (e.g. $d > ST8$), provided that all applicable mechanical and physical requirements of the property classes are met. This part of ISO 3506 does not define corrosion or oxidation resistance in particular environments. However, some information on materials for particular environments is given in Annex C. Regarding definitions of corrosion and corrosion resistance see ISO 8044. The aim of this part of ISO 3506 is a classification into property classes of corrosion-resistant stainless steel fasteners. Corrosion and oxidation performances and mechanical properties for use at elevated or sub-zero temperatures should be agreed between user and manufacturer in each particular case. Annex D shows how the risk of intergranular corrosion at elevated temperatures depends on the carbon content. All austenitic stainless steel fasteners are normally non-magnetic in the annealed condition; after cold working, some magnetic properties may be evident (see Annex E).

Keel en

Asendab EVS-EN ISO 3506-4:2004

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

UUED STANDARDID

EN 1916:2003/AC:2008

Hind 0,00

Identne EN 1916:2002/AC:2008

Betoontorud ja liitmikud, sarrustamata ja teraskiu või sarrusega sarrustatud

Keel en

EVS-EN 10253-4:2008

Hind 286,00

Identne EN 10253-4:2008

Butt-welding pipe fittings - Part 4: Wrought austenitic and austenitic-ferritic (duplex) stainless steels with specific inspection requirements

1.1 This European Standard specifies the technical delivery requirements for seamless and welded butt-welding fittings (elbows, concentric and eccentric reducers, equal and reducing tees, caps) made of austenitic and austenitic-ferritic (duplex) stainless steel which are intended for pressure and corrosion resisting purposes at room temperature, at low temperature or at elevated temperatures. It specifies: - the type of fittings; - type A (see 7.2) - type B (see 7.3) - the steel grades; - the mechanical properties; - the dimensions and tolerances; - the requirements for inspection and testing; - the inspection documents; - the marking; - the handling and packaging. NOTE In the case of a harmonised supporting standard for materials, presumption of conformity to the Essential Requirement(s) (ESRs) is limited to technical data of materials in the standard and does not presume adequacy of the material to a specific item of equipment. Consequently the technical data stated in the material standard should be assessed against the design requirements of this specific item of equipment to verify that the ESRs of the Pressure Equipment Directive (PED) are satisfied. 1.2 Unless otherwise specified in this European Standard the general technical delivery requirements in EN 10021 apply.

Keel en

EVS-EN 12493:2008

Hind 246,00

Identne EN 12493:2008

LPG equipment and accessories - Welded steel tanks for liquefied petroleum gas (LPG) - Road tankers design and manufacture

This European Standard specifies minimum requirements for materials, design, construction and workmanship procedures, and tests for welded LPG road tanker tanks and their welded attachments manufactured from carbon, carbon/manganese and micro alloy steels. There is no upper size limit as this is determined by the gross vehicle weight limitation. This European Standard does not cover tanks for tank containers. NOTE 1 In the context of this standard the term "road tanker" is understood to mean "fixed tanks" and "dismountable tanks" as defined in ADR. NOTE 2 The equipment of the tanks and the inspection and testing after assembly is covered by EN 12252, and EN 14334, respectively. NOTE 3 The design type of the road tanker is subject to the approval by the competent authority, as required by ADR.

Keel en

Asendab EVS-EN 12493:2001

EVS-EN 13445-3:2002/A10:2008

Hind 246,00

Identne EN 13445-3:2002/A10:2008

Leekkuumutuseta surveanumad. Osa 3: Kavandamine

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

Keel en

EVS-EN 14398-2:2003+A2:2008

Hind 286,00

Identne EN 14398-2:2003+A2:2008

Cryogenic vessels - Large transportable non-vacuum insulated vessels - Part 2: Design, fabrication, inspection and testing KONSOLIDEERITUD TEKST

This European Standard specifies requirements for the design, fabrication, inspection and testing of large transportable non vacuum insulated cryogenic vessels of more than 1 000 l volume, which are permanently (fixed tanks) or not permanently (dismountable tanks) attached to a vehicle, for carriage by road. However, it can be used for other mode of transport providing the specific regulations/requirements are complied with. This European Standard applies to large transportable non vacuum insulated cryogenic vessels for fluids specified in prEN 14398-1 and does not apply to vessels designed for toxic fluids. This European Standard does not include the general vehicle requirements e.g. running gear, brakes, lighting etc. that shall be in accordance with the relevant standards/regulations.

Keel en

Asendab EVS-EN 14398-2:2003

EVS-EN 15069:2008

Hind 246,00

Identne EN 15069:2008

Gaasiküttel töötavate kodumasinat ühendamisel kasutatavate metalltorude kaitseventiilid

These valves are suitable for connection of the fixed gas supply system to domestic appliances inside or outside a dwelling using 2nd or 3rd Family gases and at a pressure of up to and including 0,5 bar. These valves are designed for the use with either movable appliances or for the connection of fixed appliances.

Keel en

EVS-EN 15542:2008

Hind 151,00

Identne EN 15542:2008

Ductile iron pipes, fittings and accessories - External cement mortar coating for pipes - Requirements and test methods

This European Standard defines the requirements and test methods applicable to factory applied cement mortar coatings for the external corrosion protection of ductile iron pipes conforming to EN 545, EN 598 and EN 969 for use at operating temperatures up to 50 °C, and for soil conditions according to Annex D.2 of EN 545:2006. Special activities on site such as joint protection, tapping, clamping, etc. could affect the corrosion protection properties of the cement mortar coating. These operations should be covered in the laying instructions supplied by the manufacturers of pipes, clamps, house connection saddles, etc. and any relevant users' procedures. Such instructions are not part of this European Standard.

Keel en

EVS-EN ISO 8330:2008

Hind 208,00

Identne EN ISO 8330:2008

ja identne ISO 8330:2007

Rubber and plastic hoses and hose assemblies - Vocabulary

This International Standard defines terms used in the hose industry. The terms are listed alphabetically in English. When a term has one or more synonyms, the synonymous term(s) follow the preferred term and are also listed in alphabetical order. Deprecated synonymous terms are indicated by "(deprecated)". The expression "SEE" is used to refer to another term (not always a synonym) which contains information related to the term preceding the expression. This International Standard has been divided into two sections: 2.1: Hose terms; and 2.2: Hose assembly terms (includes Annex A: Recommended terminology and limits for electrical resistance, according to construction, of rubber and plastics hoses and hose assemblies for ISO and CEN standards).

Keel en

Asendab EVS-EN ISO 8330:2000

EVS-EN ISO 13477:2008

Hind 132,00

Identne EN ISO 13477:2008

ja identne ISO 13477:2008

Termoplastsed torud vedelike edastamiseks. Kiiresti levivate pragude kindluse määramine (RCP).**Väikesemahulised statsionaarsed katsed (S4 katsed)**

This International Standard specifies a small-scale (S4) test method for determining the arrest or propagation of a crack initiated in a thermoplastics pipe at a specified temperature and internal pressure. This International Standard is applicable to the assessment of the performance of thermoplastics pipes intended for the supply of gases or liquids. In the latter case, air can also be present in the pipe. NOTE This test method was developed using monolayer thermoplastics pipes. Its applicability to multi-layer/coated pipes has yet to be fully confirmed and is under study.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 12493:2001**

Identne EN 12493:2001

Welded steel tanks for liquefied petroleum gas (LPG) - Road tankers - Design and manufacture

This European standard specifies minimum requirements for materials, design, construction and workmanship procedures, and tests for welded LPG road tanker tanks and their welded attachments manufactured from carbon, carbon/manganese and micro alloy steels. There is no upper sizelimit as this is determined by the gross vehicle weight limitation. This standard does not cover tanks for ISO type containers.

Keel en

Asendatud EVS-EN 12493:2008

EVS-EN 14398-2:2003

Identne EN 14398-2:2003

Cryogenic vessels - Large transportable non-vacuum insulated vessels - Part 2: Design, fabrication, inspection and testing

This European Standard specifies requirements for the design, fabrication, inspection and testing of large transportable non vacuum insulated cryogenic vessels of more than 1 000 l volume, which are permanently (fixed tanks) or not permanently (demountable tanks) attached to a vehicle, for carriage by road. However, it can be used for other mode of transport providing the specific regulations/requirements are complied with. This European Standard applies to large transportable non vacuum insulated cryogenic vessels for fluids specified in prEN 14398-1 and does not apply to vessels designed for toxic fluids. This European Standard does not include the general vehicle requirements e.g. running gear, brakes, lighting etc. that shall be in accordance with the relevant standards/regulations.

Keel en

Asendatud EVS-EN 14398-2:2003+A2:2008

EVS-EN 14398-2:2003/A1:2006

Identne EN 14398-2:2003/A1:2006

Cryogenic vessels - Large transportable non-vacuum insulated vessels - Part 2: Design, fabrication, inspection and testing

This European Standard specifies requirements for the design, fabrication, inspection and testing of large transportable non vacuum insulated cryogenic vessels of more than 1 000 l volume, which are permanently (fixed tanks) or not permanently (demountable tanks) attached to a vehicle, for carriage by road. However, it can be used for other mode of transport providing the specific regulations/requirements are complied with. This European Standard applies to large transportable non vacuum insulated cryogenic vessels for fluids specified in prEN 14398-1 and does not apply to vessels designed for toxic fluids. This European Standard does not include the general vehicle requirements e.g. running gear, brakes, lighting etc. that shall be in accordance with the relevant standards/regulations.

Keel en

Asendatud EVS-EN 14398-2:2003+A2:2008

EVS-EN 14398-2:2003/AC:2007

Identne EN 14398-2:2003/AC:2006

Cryogenic vessels - Large transportable non-vacuum insulated vessels - Part 2: Design, fabrication, inspection and testing

Keel en

Asendatud EVS-EN 14398-2:2003+A2:2008

EVS-EN ISO 8330:2000

Identne EN ISO 8330:2000

ja identne ISO 8330:1998

Rubber and plastic hoses and hose assemblies - Vocabulary

This standard defines terms used in the hose industry. The terms are listed alphabetically in English.

Keel en

Asendatud EVS-EN ISO 8330:2000

KAVANDITE ARVAMUSKÜSITLUS

EN 13445-2:2002/prA3

Identne EN 13445-2:2002/prA3:2008

Tähtaeg 30.07.2008

Leekkuumutusega surveanumad. Osa 2: Materjalid

This Part of this European Standard specifies the requirements for materials (including clad materials) for unfired pressure vessels and supports which are covered by EN 13445-1:2002 and manufactured from metallic materials; it is currently limited to steels with sufficient ductility. This document is not applicable in the creep range.

Keel en

EN 13951:2003/prA1

Identne EN 13951:2003/prA1:2008

Tähtaeg 30.07.2008

Vedelikupumbad. Ohutusnõuded.

Põllumajanduslikud toiduained. Hügieenilise kasutamise tagamiseks vajalikud konstruktsiooninõuded

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

Keel en

prEN 1012-3

Identne prEN 1012-3:2008

Tähtaeg 30.07.2008

Compressors and vacuum pumps - Safety requirements - Part 3: Process compressors

This part of EN 1012 is applicable to compressors having an operating pressure greater than 0,5 bar and designed to utilise all gases other than air, nitrogen or inert gases which are covered in part 1. The standard lists the significant hazards associated with compressors and specifies safety requirements applicable to the design, installation, operation, maintenance and dismantling of compressors during their foreseeable lifetime and subsequent disposal. This part of EN 1012 includes under the general term compressors, those machines which comprise; - the compressor itself - a prime mover - any component or device supplied which is necessary for safe operation of the compressor. In addition it applies to partly completed compressors having a compressor in combination with some of these components as well as compressor assemblies operating in combination. Excluded are refrigerant compressors used in refrigerating systems or heat pumps as defined in EN 378-1.

Keel en

prEN ISO 13479

Identne prEN ISO 13479:2008

ja identne ISO/DIS 13479:2008

Tähtaeg 30.07.2008

Vedelike teisaldamiseks ettenähtud polüolefiintorud. Pragude levimisele vastupidavuse kindlaksmääramine. Pragude aeglase levimise katsemeetod sälgatud torudele

This International Standard specifies a method of test for determining the resistance to slow crack growth of polyolefin pipes, expressed in terms of time to failure in a hydrostatic pressure test on a pipe with machined longitudinal notches in the outside surface. The test is applicable to pipes of wall thickness greater than 5 mm.

Keel en

Asendab EVS-EN ISO 13479:1999

prEN ISO 14113

Identne prEN ISO 14113:2008

ja identne ISO 14113:2007

Tähtaeg 30.07.2008

Gas welding equipment - Rubber and plastics hose and hose assemblies for use with industrial gases up to 450 bar (45 MPa)

This International Standard specifies requirements for rubber and plastics hose and hose assemblies for use with compressed, liquefied and dissolved gases up to a maximum working pressure of 45 MPa (450 bar), within the ambient temperature range of -20 °C to +60 °C. This International Standard applies to hose assemblies used to connect industrial gas cylinders to manifolds or bundles prior to any pressure reduction stage. This International Standard does not cover rubber or thermoplastic hoses for welding, cutting and allied processes (see ISO 3821 and ISO 12170). This International Standard does not apply to refrigerated liquefied gases or to liquefied petroleum gases (LPG).

Keel en

Asendab EVS-EN ISO 14113:1999

25 TOOTMISTEHNOLOOGIA

UUED STANDARDID

EVS-EN 50505:2008

Hind 268,00

Identne EN 50505:2008

Takistus- ja kaarkeevitusseadmete ja nendega seotud protsessidest tingitud elektromagnetväljade (0 Hz kuni 300 GHz) inimesele toimiva mõju hinnangu põhistandard

This European Standard applies to equipment for resistance welding and allied processes designed for use in industrial or domestic environments. This European Standard establishes a suitable evaluation method for determining the electromagnetic fields in the space around the equipment and defines standardized operating conditions and measuring distances. It provides a method to show conformity with guidelines or requirements concerning human exposure to electromagnetic fields.

Keel en

EVS-EN ISO 15012-2:2008

Hind 95,00

Identne EN ISO 15012-2:2008

ja identne ISO 15012-2:2008

Health and safety in welding and allied processes - Requirements, testing and marking of equipment for air filtration - Part 2: Determination of the minimum air volume flow rate of captor hoods and nozzles

This part of ISO 15012 specifies a method for establishing the minimum air volume flow rate required for captor hoods and nozzles to effectively capture fume and gases from welding and allied processes. The method can be used with capture devices of any aspect ratio and cross-sectional area, but it is not applicable to on-gun extraction systems and down draught tables. This part of ISO 15012 also specifies the test data to be marked on the capture devices.

Keel en

EVS-EN ISO 15614-3:2008

Hind 141,00

Identne EN ISO 15614-3:2008

ja identne ISO 15614-3:2008

Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 3: Fusion welding of non-alloyed and low-alloyed cast irons

This part of ISO 15614 specifies how a preliminary welding procedure specification (pWPS) for production and repair welding of non-alloyed and low-alloyed cast irons is qualified by fusion welding procedure tests. This part of ISO 15614 defines the conditions for execution of the welding procedure tests and the range of qualification for welding procedures for all practical welding operations within the range of a defined list of variables. This part of ISO 15614 is applicable to all new welding procedures. However, it does not invalidate previous welding procedure tests made to former national standards or specifications. Where additional tests have to be carried out to make the qualification technically equivalent, it is only necessary to do the additional tests on a test piece made in accordance with this part of ISO 15614. Additional tests may be required by application standards. This part of ISO 15614 is applicable to welding non-alloyed and low-alloyed grey cast iron castings according to: EN 1561; EN 1562; EN 1563; and EN 1564. The principles of this part of ISO 15614 are also applicable for welding cast iron to steel or to other unalloyed and low-alloyed cast iron materials.

Keel en

EVS-EN ISO 22829:2008

Hind 171,00

Identne EN ISO 22829:2008

ja identne ISO 22829:2007

Resistance welding - Transformer-rectifier for welding guns with integrated transformers - Transformer-rectifier units operating at 1000 Hz frequency

This International Standard is applicable to transformer-rectifier units as used in electric resistance welding machines operating from a power supply with a frequency of 1 000 Hz, and of a rated value of the input voltage equal to or higher than 500 V. These transformer-rectifier units are primarily used in welding guns with an integrated transformer. For these transformer units, this International Standard supplements the requirements given in ISO 5826 and ISO 10656, which remain applicable except where amended by this International Standard.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

EN 60745-1:2006/FprAC

Identne EN 60745-1:2006/FprAC:2008

Tähtaeg 30.07.2008

Käeshoitavate mootorajamiga elektritööriistade ohutus. Osa 1: Üldnõuded

This part of IEC 60745 deals with the safety of hand-held motor-operated or magnetically driven electric tools, the rated voltage of the tools being not more than 250 V for single-phase a.c. or d.c. tools, and 440 V for three-phase a.c. tools. So far as is practicable, this standard deals with the common hazards presented by hand-held tools which are encountered by all persons in the normal use and reasonably foreseeable misuse of the tools.

Keel en

EN 60745-2-13:2007/FprA1

Identne EN 60745-2-13:2007/FprA1:2008

ja identne IEC 60745-2-13:2006/A1:200X

Tähtaeg 30.07.2008

Elektrimootoriga töötavate käeshoitavate tööriistade ohutus. Osa 2-13: Erinõuded kettsaagidele

This standard applies to chain saws for cutting wood and designed for use by one person. This standard does not cover chain saws designed for use in conjunction with a guide-plate and riving knife or in any other way such as with a support or as a stationary or transportable machine.

Keel en

EN 60745-2-15:2006/FprA1

Identne IEC 60745-2-15:2006/A1:200X

ja identne EN 60745-2-15:2006/FprA1:2008

Tähtaeg 30.07.2008

Käeshoitavad mootorajamiga elektritööriistad. Ohutus. Osa 2-15: Erinõuded hekitrimmeritele

This standard applies to hedge trimmers which are designed for use by one operator for trimming hedges and bushes, utilizing one or more linear reciprocating cutter blades. This standard is not applicable to hedge trimmers with a rotating blade.

Keel en

EN 61029-1:2001/FprAB

Identne EN 61029-1:2000/FprAB:2008

Tähtaeg 30.07.2008

Teisaldatavate mootorajamiga elektritööriistade ohutus . Osa 1: Üldnõuded

This standard consists in Part 1 and part 2 applies to electric motor-operated or magnetically driven tools, intended for indoor and for outdoor use.

Keel en

FprEN 60745-2-5

Identne FprEN 60745-2-5:2008

ja identne IEC 60745-2-5:200X

Tähtaeg 30.07.2008

Käeshoitavad mootorajamiga elektritööriistad.**Ohutus. Osa 2-5: Erinõuded ketassaagidele**

This standard applies to circular saws, which hereinafter will be referred to as saws. This standard does not apply to saws designed for use with abrasive wheels, which are covered by IEC 60745-2-22.

Keel en

Asendab EVS-EN 60745-2-5:2007

prEN 50519

Identne prEN 50519:2008

Tähtaeg 30.07.2008

Assessment of workers' exposure to electric and magnetic fields of industrial induction heating equipment

This European Standard specifies procedures for assessment of electric, magnetic and electromagnetic fields produced by industrial and professional induction heating equipment. Typical induction heating applications are for example: - melting; - zone-melting; - heating before hot forming; - heating by tunnel-inductor; - hardening / coaxial transformer handheld devices; - tube welding; - tube annealing; - hardening; - soldering; - hard-soldering / brazing; - bonding; - annealing; - metal-strip and wire heating; - tempering; - sintering; - shrinking. This product standard covers the frequency range up to 30 MHz taking into account the specific characteristics of industrial and professional induction heating equipment and its usage. This European Standard may also be used for assessment regarding the requirements of Directive 2004/40/EC [1] on the minimum health and safety requirements regarding the exposure of workers to the risks arising from physical agents (electromagnetic fields), provided that no other relevant field sources are present in close proximity. If other field sources are present, additional assessment according to EN 50499 is necessary. This European Standard does not cover protective measures for people with active implants.

Keel en

prEN ISO 9606-1

Identne prEN ISO 9606-1:2008

ja identne ISO/DIS 9606-1:2008

Tähtaeg 30.07.2008

Keevitajate vastuvõtukatsetus. Sulakeevitus. Osa 1: Terased

This International Standard defines the requirements for qualification testing of welders for fusion welding of steels. It provides a set of technical rules for a systematic qualification test of the welder, and enables such qualifications to be uniformly accepted independently of the type of product, location and examiner/examining body. When qualifying welders, the emphasis is placed on the welder's ability to manually manipulate the electrode/ welding torch/ welding blowpipe and thereby producing a weld of acceptable quality. The welding processes referred to in this standard include those fusion welding processes which are designated as manual or partly mechanized welding. It does not cover fully mechanized and automated welding processes (see ISO 14732).

Keel en

Asendab EVS-EN 287-1:2004

prEN ISO 10218-1

Identne prEN ISO 10218-1:2008

ja identne ISO 10218-1:2006/Cor 1:2007

Tähtaeg 29.08.2008

Tööstusrobotid. Ohutusnõuded. Osa 1: Robot

Standard annab ohutusalasaid juhiseid manipuleerivate tööstusrobotite ja robotisüsteemide projekteerimiseks, ehitamiseks, programmeerimiseks, kasutamiseks, remondiks ja hoolduseks. EN 775 on identne standardiga ISO 10218:1992, välja arvatud EN 775 eessõnas nimetatud muudatused.

Keel en

Asendab EVS-EN ISO 10218-1:2006

prEN ISO 14113

Identne prEN ISO 14113:2008

ja identne ISO 14113:2007

Tähtaeg 30.07.2008

Gas welding equipment - Rubber and plastics hose and hose assemblies for use with industrial gases up to 450 bar (45 MPa)

This International Standard specifies requirements for rubber and plastics hose and hose assemblies for use with compressed, liquefied and dissolved gases up to a maximum working pressure of 45 MPa (450 bar), within the ambient temperature range of -20 °C to +60 °C. This International Standard applies to hose assemblies used to connect industrial gas cylinders to manifolds or bundles prior to any pressure reduction stage. This International Standard does not cover rubber or thermoplastic hoses for welding, cutting and allied processes (see ISO 3821 and ISO 12170). This International Standard does not apply to refrigerated liquefied gases or to liquefied petroleum gases (LPG).

Keel en

Asendab EVS-EN ISO 14113:1999

prEN ISO 14713-3

Identne prEN ISO 14713-3:2008

ja identne ISO/DIS 14713-3:2008

Tähtaeg 30.07.2008

Guidelines and recommendations for the protection against corrosion of iron and steel in structures - Zinc coatings - Part 3: Sherardizing

This international standard provides guidance and recommendations regarding the general principles of design that are appropriate for articles to be sherardized for corrosion protection. The protection afforded by the sherardized coating to the article will depend upon the method of application of the coating, the design of the article and the specific environment to which the article is exposed. The sherardized article may be further protected by application of additional coatings (outside the scope of this international standard) such as organic coatings (wet paints or powder coatings). When applied to sherardized articles, this combination of coatings is often known as a 'duplex system'. General guidance on this subject can be found in ISO EN 12944-5 and EN 13438. The maintenance of corrosion protection in service for steel with sherardized coatings is outside the scope of this international standard. Specific product related requirements (e.g. for sherardized coatings on fasteners or tubes etc.) would take precedence over these general recommendations.

Keel en

prEN ISO 14713-2

Identne prEN ISO 14713-2:2008

ja identne ISO/DIS 14713-2:2008

Tähtaeg 30.07.2008

Guidelines and recommendations for the protection against corrosion of iron and steel in structures - Zinc coatings - Part 2: Hot dip galvanizing

This international standard provides guidance and recommendations regarding the general principles of design which are appropriate for articles to be hot dip galvanized for corrosion protection. The protection afforded by the hot dip galvanized coating to the article will depend upon the method of application of the coating, the design of the article and the specific environment to which the article is exposed. The hot dip galvanized article may be further protected by application of additional coatings (outside the scope of this standard) such as organic coatings (paints or powder coatings). When applied to hot dip galvanized articles, this combination of coatings is often known as a 'duplex-system'. These guidelines and recommendations do not deal with the maintenance of corrosion protection in service for steel with hot dip galvanized coatings. Guidance on this subject can be found in ISO 12944-5. Specific product related requirements (e.g. for hot dip galvanized coatings on tubes or fasteners, etc.) will take precedence over these general recommendations.

Keel en

Asendab EVS-EN ISO 14713:2001

prEN ISO 14713-1

Identne prEN ISO 14713-1:2008

ja identne ISO/DIS 14713-1:2008

Tähtaeg 30.07.2008

Guidelines and recommendations for the protection against corrosion of iron and steel in structures - Zinc coatings - Part 1: General principles of design and corrosion resistance

This international standard provides guidance and recommendations regarding the general principles of design which are appropriate for articles to be zinc coated for corrosion protection and the level of corrosion resistance provided by zinc coatings applied to iron or steel articles, exposed to a variety of environments. Initial protection is covered in relation to; a) available standard processes b) design considerations, and c) environments of use. These guidelines and recommendations do not deal with the maintenance of corrosion protection in service for steel with zinc coatings. Guidance on this subject can be found in ISO 12944-5. Note: There are a variety of product related standards (e.g. for nails, fasteners, ductile iron pipes etc.) which provide specific requirements for the applied zinc coating systems which go beyond any general guidance presented here. These specific product related requirements will take precedence over these general recommendations.

Keel en

Asendab EVS-EN ISO 14713:2001

prEN ISO 17672

Identne prEN ISO 17672:2008

ja identne ISO/DIS 17672:2008

Tähtaeg 30.07.2008

Brazing - Filler metals

This document specifies the compositions of a range of filler metals used for brazing. The filler metals have been divided into seven classes, related to their composition but not necessarily to the major element present, see annex A. In the case of composite products such as flux-coated rods, pastes or plastics tapes, the standard only covers the filler metal that forms part of such products. Although the melting range is given in the tables, it will necessarily vary within the compositional range of the filler metal and can only be regarded as approximate. Therefore, it is not a part of the specification and is given only for information. Technical delivery conditions are given for brazing filler metals and products containing brazing filler metals with other constituents such as flux and/or binders.

Keel en

Asendab EVS-EN 1044:1999

prEN ISO 28927-1

Identne prEN ISO 28927-1:2008

ja identne ISO/DIS 28927-1:2008

Tähtaeg 30.07.2008

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 1: Angle and vertical grinders

This part of ISO 28927 specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of hand-held power-driven angle and vertical grinders. It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of a power tool fitted with a specified test wheel and run under no load conditions. This part of ISO 28927 applies to hand-held power tools intended for grinding, cutting-off and rough sanding, with bonded, coated and super-abrasive products for use on all kinds of materials. The method has been tested for surface grinding tasks only. Cutting and sanding are generally creating lower vibrations. The power tools covered by this part of ISO 28927 may be pneumatically driven, or driven by other means. Typical tools are illustrated in figure 1-6. This part of ISO 28927 applies to the tools mentioned in clause 5. It does not apply to die grinders or straight grinders. It is intended that the results can be used to compare different models of the same type of power tool.

Keel en

Asendab EVS-EN 28662-1:1999; EVS-EN ISO 8662-4:1999

prEN ISO 28927-2

Identne prEN ISO 28927-2:2008

ja identne ISO/DIS 28927-2:2008

Tähtaeg 30.07.2008

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 2: Wrenches, nut runners and screwdrivers

This part of ISO 28927 specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of hand-held power-driven wrenches and nutrunners with impact or impulse action. It also covers screwdrivers; shut-off, ratchet or stall types and nutrunners; shut-off or stall types. It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of a power tool when operating on a specified load. This standard covers all types of designs; straight, pistol grip, angle, bow handles. This part of ISO 28927 applies to hand-held power tools intended for tightening and unfastening threaded fasteners. The method has been tested for fastening tasks only. This part of ISO 28927 covers power tools with 6,3 mm to 40 mm (1/4 in to 1 1/2 in) male or female drive output shafts; other geometries are also included. The power tools covered by this part of ISO 28927 may be pneumatically driven, or driven by other means. Typical tools are illustrated in figures 1-9. This part of ISO 28927 applies to the tools mentioned in clause 5. It does not apply to nutrunners designed to be used only in torque reaction arms. It is intended that the results be used to compare different models of the same type of power tool.

Keel en

Asendab EVS-EN ISO 8662-7:1999; EVS-EN 28662-1:1999

prEN ISO 28927-3

Identne prEN ISO 28927-3:2008

ja identne ISO/DIS 28927-3:2008

Tähtaeg 30.07.2008

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 3: Polishers and rotary, orbital and random orbital sanders

This part 3 of ISO 28927 specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of hand-held polishers and rotary, orbital and random orbital sanders. These tools are intended for surfaces finishing processes and not intended for material removal. It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of the tools when operating under type test conditions. This part of ISO 28927 applies to hand-held polishers with circular polishing pad, rotary vertical and angle sanders and orbital and random orbital sanders (including grinding type tools fitted with a dual action orbital hub), intended for polishing of painted surfaces with buffing pads and for sanders using circular or rectangular sanding papers that are used for flat surfaces. The power tools covered by this part of ISO 28927 may be pneumatically driven, or driven by other means. Typical tools are illustrated in figure 1-8. This part of ISO 28927 applies to the tools mentioned in clause 5. It does not apply to straight grinders equipped with a sanding wheel and belt sanders. It is intended that the results can be used to compare different models of the same type of power tool.

Keel en

Asendab EVS-EN 28662-1:1999; EVS-EN ISO 8662-8:1999

prEN ISO 28927-5

Identne prEN ISO 28927-5:2008

ja identne ISO/DIS 28927-5:2008

Tähtaeg 30.07.2008

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 5: Drills and impact drills

This part of ISO 28927 specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of hand-held power-driven drills and impact drills. It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of a drill fitted with a drill bit. This part of ISO 28927 applies to straight drills, pistol grip drills and angle drills intended for drilling holes on all kinds of materials with rotating or impact action. The power tools covered by this part of ISO 28927 may be pneumatically driven, or driven by other means. Typical tools are illustrated in figure 1-5. This part of ISO 28927 applies to the tools mentioned in clause 5. It does not apply to heavy duty drills with a screw fed or combustion engine driven drills. It is intended that the results can be used to compare different models of the same type of power tool.

Keel en

Asendab EVS-EN ISO 8662-6:1999

prEN ISO 28927-6

Identne prEN ISO 28927-6:2008

ja identne ISO/DIS 28927-6:2008

Tähtaeg 30.07.2008

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 6: Rammers

This part of ISO 28927 specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of rammers. It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of the tools. This part of ISO 28927 applies to rammers, back-fill rammers, pawing rammers, sand rammers and stampers intended for use in foundries, on building sites, etc. with for example butts or peens made of cast iron or rubber used for ramming of casting sand or stamping work. The power tools covered by this part of ISO 28927 may be pneumatically driven, or driven by other means. Typical tools are illustrated in figure 1-2. This part of ISO 28927 applies to the tools mentioned in clause 5. It is intended that the results can be used to compare different models of the same type of power tool.

Keel en

Asendab EVS-EN ISO 8662-9:1999

prEN ISO 28927-7

Identne prEN ISO 28927-7:2008

ja identne ISO/DIS 28927-7:2008

Tähtaeg 30.07.2008

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 7: Nibblers and shears

This part of ISO 28927 specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of nibblers and shears. It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of the tools. This part of ISO 28927 applies to nibblers and shears intended for cutting sheet metal or composite panels. The power tools covered by this part of ISO 28927 may be pneumatically driven, or driven by other means. Typical tools are illustrated in figures 1-5. This part of ISO 28927 applies to the tools mentioned in clause 5. It is intended that the results can be used to compare different models of the same type of power tool.

Keel en

Asendab EVS-EN ISO 8662-10:1999

prEN ISO 28927-8

Identne prEN ISO 28927-8:2008

ja identne ISO/DIS 28927-8:2008

Tähtaeg 30.07.2008

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 8: Saws, polishing and filing machines with reciprocating action and saws with oscillating or rotating action

This part of ISO 28927 specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of hand-held saws, polishing and filing machines with reciprocating action and small saws with oscillating or rotating action. It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of the tools. This part of ISO 28927 applies to reciprocating files intended for surface finishing equipped with a file or a polishing tool, saws intended for parting sheets, plaster for medical use or wood, equipped with saw blade for use on all kinds of materials and small circular saws primarily intended for cutting metal or composite materials. The power tools covered by this part of ISO 28927 may be pneumatically driven, or driven by other means. Typical tools are illustrated in figure 1-11. This part of ISO 28927 applies to the tools mentioned in clause 5. It does not apply to files that are normally used with one hand on the file blade. Further it does not apply to big circular saws intended for cutting wood. It is intended that the results can be used to compare different models of the same type of power tool.

Keel en

Asendab EVS-EN ISO 8662-12:1999

prEN ISO 28927-9

Identne prEN ISO 28927-9:2008

ja identne ISO/DIS 28927-9:2008

Tähtaeg 30.07.2008

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 9: Scaling hammers and needle scalars

This part of ISO 28927 specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of hand-held scaling hammers and needle scalars. It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of the tools. This part of ISO 28927 applies to engraving pens, scabblers, scaling hammers and needle scalars intended for paint, rust and scale removal with reciprocating work tools or needles for use on all kinds of materials. The power tools covered by this part of ISO 28927 may be pneumatically driven, or driven by other means. Typical tools are illustrated in figure 1-4. This part of ISO 28927 applies to the tools mentioned in clause 5. It is intended that the results can be used to compare different models of the same type of power tool.

Keel en

Asendab EVS-EN ISO 8662-14:1999

27 ELEKTRI- JA SOOJUSENERGEETIKA

KAVANDITE ARVAMUSKÜSITLUS

prCEN/TS 12977-1

Identne prCEN/TS 12977-1:2008

Tähtaeg 30.07.2008

Thermal solar systems and components - Custom built systems - Part 1: General requirements for solar water heaters and combisystems

This document (prCEN/TS 12977-1) specifies requirements on durability, reliability and safety of small and large custom built solar heating and cooling systems with liquid heat transfer medium in the collector loop for residential buildings and similar applications. This document contains also requirements on the design process of large custom built systems. This document will supersede ENV 12977-1:2001.

Keel en

prCEN/TS 12977-2

Identne prCEN/TS 12977-2:2008

Tähtaeg 30.07.2008

Thermal solar systems and components - Custom built systems - Part 2: Test methods for solar water heaters and combisystems

This document (prCEN/TS 12977-2:2008) applies to small and large custom built solar heating systems with liquid heat transfer medium for residential buildings and similar applications, and gives test methods for verification of the requirements specified in prCEN/TS 12977-1. This document includes also a method for thermal performance characterization and system performance prediction of small custom built systems by means of component testing and system simulation. Furthermore, this document contains methods for thermal performance characterization and system performance prediction of large custom built systems. This document applies to the following types of small custom built solar heating systems: - systems for domestic hot water preparation only; - systems for space heating only; - systems for domestic hot water preparation and space heating; - others (e. g. including cooling). This document applies to large custom built solar heating systems, primarily to solar preheat systems, with one or more storage vessels, heat exchangers, piping and automatic controls and with collector array(s) with forced circulation of fluid in the collector loop. This document does not apply to: - systems with a store medium other than water (e.g. phase-change materials); - thermosiphon systems; - integral collector-storage (ICS) systems.

Keel en

prCEN/TS 12977-4

Identne prCEN/TS 12977-4:2008

Tähtaeg 30.07.2008

Thermal solar systems and components - Custom built systems - Part 4: Performance test methods for solar combistores

This document specifies test methods for the performance characterization of stores which are intended for use in small custom built systems as specified in prCEN/TS 12977-1. Stores tested according to this document are commonly used in solar combisystems. However, also the thermal performance of all other thermal stores with water as storage medium (e.g. for heat pump systems) can be assessed according to the test methods specified in this document. This document applies to combisstores with a nominal volume up to 3000 litres and without integrated burner. Remark: This standard is extensively based on references to prEN 12977-3.

Keel en

prCEN/TS 12977-5

Identne prCEN/TS 12977-5:2008

Tähtaeg 30.07.2008

Thermal solar systems and components - Custom built systems - Part 5: Performance test methods for control equipment

This document (prCEN/TS 12977-5:2008) specifies performance test methods for control equipment. Furthermore this document contains requirements on accuracy, durability and reliability of control equipment. The tests described in prCEN/TS 12977-5 are limited to components delivered with or for the system by the final supplier. For the purposes of this document (prCEN/TS 12977-5) controller and control equipment for solar heating systems and auxiliary heaters, if part of the system, are restricted to: - Controllers as - system clocks, timers and counters, - differential thermostats, - multi-function controllers. - Sensors as - temperature sensors, - irradiance sensors (for short wave radiation), - pressure sensors, - level sensors, - flow meters or - heat meters. - Actuators as - pumps, - solenoid and motor valves or - relays.

Keel en

29 ELEKTROTEHNIKA

UUED STANDARDID

CLC/TR 62125:2008

Hind 132,00

Identne CLC/TR 62125:2008

ja identne IEC/TR 62125:2007

Environmental statement specific to IEC/TC 20 - Electric cables

IEC/TR 62125, which is a technical report, is intended to give assistance to standard-writers of IEC Technical Committee 20, to take into account the relevant environmental aspects as far as they are specific to electric cables in normal use. It also assists them to keep in mind a clear methodology when considering these aspects and when checking possible interaction of the normative requirements with the environment. Also, these guidelines assist standard-writers to avoid too simple or too stringent requirements that might not achieve a favourable global result. This technical report, by its very nature, is not prescriptive and does not limit innovation.

Keel en

EVS-EN 60254-2:2008

Hind 113,00

Identne EN 60254-2:2008

ja identne IEC 60254-2:2008

Lead-acid traction batteries -- Part 2: Dimensions of cells and terminals and marking of polarity on cells

This part of IEC 60254 is applicable to lead-acid traction batteries used as power sources for electric propulsion. The object of the present standard is to specify: – the maximum external (overall) dimensions of traction battery cells, that is, the width, the height and the length; – the form of the marking of traction battery cell polarity and dimensions of corresponding symbols; – the basic dimensions of some commonly used traction battery terminals designed to connect output cables to the battery; – the dimensions of cells commonly used in Asia and North America.

Keel en

Asendab EVS-EN 60254-2:2002

EVS-EN 60357:2003/A1:2008

Hind 162,00

Identne EN 60357:2003/A1:2008

ja identne IEC 60357:2002/A1:2006 (Modified)

Halogeenhõõglambid (mitte sõidukitele)

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

Keel en

EVS-EN 61009-1:2004/A11:2008

Hind 151,00

Identne EN 61009-1:2004/A11:2008

Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBO's) -- Part 1: General rules

Includes definitions, requirements and tests covering all types of RCBOs for rated voltages not exceeding 440 V a.c., rated currents not exceeding 125 A and rated short-circuit capacities not exceeding 25 000 A.

Keel en

EVS-EN 61242:2001/A1:2008

Hind 132,00

Identne EN 61242:1997/A1:2008

ja identne IEC 61242:1995/A1:2008

Elektrilised lisaseadmed. Kaablrullid majapidamis- ja muuks taoliseks kasutuseks

This International Standard applies to cable reels for a.c. only, with a rated voltage above 50 V and not exceeding 250 V for single-phase cable reels and above 50 V and not exceeding 440 V for all other cable reels, and a rated current not exceeding 16 A. They are intended for household, commercial and light industrial and similar purposes, either indoors or outdoors, with particular reference to safety in normal use. This standard does not apply to: – cable reeling devices incorporated in appliances or luminaires; – cable reeling devices associated with appliances or luminaires.

Keel en

Asendab EVS-EN 61242:2001/A11:2004; EVS-EN 61242:2001/A12:2006

EVS-EN 61800-7-1:2008

Hind 305,00

Identne EN 61800-7-1:2008

ja identne IEC 61800-7-1:2007

Adjustable speed electrical power drive systems -- Part 7-1: Generic interface and use of profiles for power drive systems - Interface definition

IEC 61800-7 specifies profiles for power drive systems (PDS) and their mapping to existing communication systems by use of a generic interface model. The functions specified in this standard are not intended to ensure functional safety. This requires additional measures according to the relevant standards, agreements and laws. IEC 61800-7-1 specifies a generic interface between power drive system(s) (PDS) and the application control program in a controller. The generic PDS interface is not specific to any particular communication network technology. Annexes of IEC 61800-7-1 specify the mapping of the different drive profiles onto the generic PDS interface.

Keel en

EVS-EN 61800-7-201:2008

Hind 324,00

Identne EN 61800-7-201:2008

ja identne IEC 61800-7-201:2007

Adjustable speed electrical power drive systems - Part 7-201: Generic interface and use of profiles for power drive systems - Profile type 1 specification

IEC 61800-7 specifies profiles for Power Drive Systems (PDS) and their mapping to existing communication systems by use of a generic interface model. The functions specified in this part of IEC 61800-7 are not intended to ensure functional safety. This requires additional measures according to the relevant standards, agreements and laws. This part of IEC 61800-7 specifies profile type 1 for Power Drive Systems (PDS). Profile type 1 can be mapped onto different communication network technologies.

Keel en

EVS-EN 61800-7-202:2008

Hind 358,00

Identne EN 61800-7-202:2008

ja identne IEC 61800-7-202:2007

Adjustable speed electrical power drive systems - Part 7-202: Generic interface and use of profiles for power drive systems - Profile type 2 specification

IEC 61800-7 specifies profiles for Power Drive Systems (PDS) and their mapping to existing communication systems by use of a generic interface model. The functions specified in this part of IEC 61800-7 are not intended to ensure functional safety. This requires additional measures according to the relevant standards, agreements and laws. This part of IEC 61800-7 specifies profile type 2 (CIP Motion™) for Power Drive Systems (PDS). Profile type 2 can be mapped onto different communication network technologies.

Keel en

EVS-EN 61800-7-203:2008

Hind 358,00

Identne EN 61800-7-203:2008

ja identne IEC 61800-7-203:2007

Adjustable speed electrical power drive systems - Part 7-203: Generic interface and use of profiles for power drive systems - Profile type 3 specification

IEC 61800-7 specifies profiles for Power Drive Systems (PDS) and their mapping to existing communication systems by use of a generic interface model. The functions specified in this part of IEC 61800-7 are not intended to ensure functional safety. This requires additional measures according to the relevant standards, agreements and laws. This part of IEC 61800-7 specifies profile type 3 for Power Drive Systems (PDS). Profile type 3 can be mapped onto different communication network technologies.

Keel EN

EVS-EN 61800-7-204:2008

Hind 430,00

Identne EN 61800-7-204:2008

ja identne IEC 61800-7-204:2007

Adjustable speed electrical power drive systems - Part 7-204: Generic interface and use of profiles for power drive systems - Profile type 4 specification

IEC 61800-7 specifies profiles for Power Drive Systems (PDS) and their mapping to existing communication systems by use of a generic interface model. The functions specified in this part of IEC 61800-7 are not intended to ensure functional safety. This requires additional measures according to the relevant standards, agreements and laws. This part of IEC 61800-7 specifies profile type 4 for Power Drive Systems (PDS). Profile type 4 can be mapped onto different communication network technologies.

Keel en

EVS-EN 61800-7-301:2008

Hind 324,00

Identne EN 61800-7-301:2008

ja identne IEC 61800-7-301:2007

Adjustable speed electrical power drive systems - Part 7-301: Generic interface and use of profiles for power drive systems - Mapping of profile type 1 to network technologies

IEC 61800-7 specifies profiles for Power Drive Systems (PDS) and their mapping to existing communication systems by use of a generic interface model. The functions specified in this part of IEC 61800-7 are not intended to ensure functional safety. This requires additional measures according to the relevant standards, agreements and laws. This part of IEC 61800-7 specifies the mapping of the profile type 1 (CiA 402) specified in IEC 61800-7-201 onto different network technologies. – CANopen, see Clause 5; – EtherCAT, see Clause 6; – ETHERNET Powerlink, see Clause 7.

Keel en

EVS-EN 61800-7-302:2008

Hind 180,00

Identne IEC 61800-7-302:2007

ja identne EN 61800-7-302:2008

Adjustable speed electrical power drive systems - Part 7-302: Generic interface and use of profiles for power drive systems - Mapping of profile type 2 to network technologies

IEC 61800-7 specifies profiles for Power Drive Systems (PDS) and their mapping to existing communication systems by use of a generic interface model. The functions specified in this part of IEC 61800-7 are not intended to ensure functional safety. This requires additional measures according to the relevant standards, agreements and laws. This part of IEC 61800-7 specifies the mapping of the profile type 2 (CIP Motion™) specified in IEC 61800-7-202 onto different network technologies. – DeviceNet™ (CP 2/3), see Clause 5, – ControlNet™ (CP 2/1), see Clause 6, – EtherNet/IP™ (CP 2/2), see Clause 7.

Keel en

EVS-EN 61800-7-303:2008

Hind 305,00

Identne EN 61800-7-303:2008

ja identne IEC 61800-7-303:2007

Adjustable speed electrical power drive systems - Part 7-303: Generic interface and use of profiles for power drive systems - Mapping of profile type 3 to network technologies

IEC 61800-7 specifies profiles for Power Drive Systems (PDS) and their mapping to existing communication systems by use of a generic interface model. The functions specified in this part of IEC 61800-7 are not intended to ensure functional safety. This requires additional measures according to the relevant standards, agreements and laws. This part of IEC 61800 7 specifies how the profile type 3 (PROFIdrive) specified in IEC 61800-7-203 onto different network technologies. – PROFIBUS DP, see Clause 4, – PROFINET IO, see Clause 5.

Keel en

EVS-EN 61800-7-304:2008

Hind 286,00

Identne EN 61800-7-304:2008

ja identne IEC 61800-7-304:2007

Adjustable speed electrical power drive systems - Part 7-304: Generic interface and use of profiles for power drive systems - Mapping of profile type 4 to network technologies

IEC 61800-7 specifies profiles for Power Drive Systems (PDS) and their mapping to existing communication systems by use of a generic interface model. The functions specified in this part of IEC 61800-7 are not intended to ensure functional safety. This requires additional measures according to the relevant standards, agreements and laws. This part of IEC 61800-7 specifies the mapping of the profile type 4 (SERCOS) specified in IEC 61800-7-204 onto different network technologies. – SERCOS I / II, see Clause 5, – SERCOS III, see Clause 6, – EtherCAT, see Clause 7.

Keel en

EVS-EN ISO 22829:2008

Hind 171,00

Identne EN ISO 22829:2008

ja identne ISO 22829:2007

Resistance welding - Transformer-rectifier for welding guns with integrated transformers - Transformer-rectifier units operating at 1000 Hz frequency

This International Standard is applicable to transformer-rectifier units as used in electric resistance welding machines operating from a power supply with a frequency of 1 000 Hz, and of a rated value of the input voltage equal to or higher than 500 V. These transformer-rectifier units are primarily used in welding guns with an integrated transformer. For these transformer units, this International Standard supplements the requirements given in ISO 5826 and ISO 10656, which remain applicable except where amended by this International Standard.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 60254-2:2002

Identne EN 60254-2:1997+A1:2000

ja identne IEC 60254-2:1997+A1:2000

Lead-acid traction batteries - Part 2: Dimensions of cells and terminals and marking of polarity on cells

This part of IEC 254 is applicable to lead-acid traction batteries used as power sources for electric propulsion. The object of the present standard is to specify: - the maximum external (overall) dimensions of traction battery cells, that is, the width, the height and the length; - the form of the marking of traction battery cell polarity and dimension of corresponding symbols; - the basic dimensions of some commonly used traction battery terminals designed to connect output cables to the battery.

Keel en

Asendatud EVS-EN 60254-2:2008

KAVANDITE ARVAMUSKÜSITLUS

CLC/FprTS 60034-25

Identne CLC/FprTS 60034-25:2008

ja identne IEC/TS 60034-25:2007

Tähtaeg 30.07.2008

Rotating electrical machines Part 25: Guide for the design and performance of cage induction motors specifically designed for converter supply

This part of IEC 60034 describes the design features and performance characteristics of a.c. motors specifically designed for use on converter supplies. It also specifies the interface parameters and interactions between the motor and the converter including installation guidance as part of a power drive system. The general requirements of relevant parts of the IEC 60034 series of standards also apply to motors within the scope of this technical specification.

Keel en

Asendab CLC/TS 60034-25:2005

EN 50290-2-24:2003/FprAA

Identne EN 50290-2-24:2002/FprAA:2008

Tähtaeg 30.07.2008

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

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

Keel en

EN 60061-2:2001/FprA37

Identne EN 60061-2:1993/FprA37:2008

ja identne IEC 60061-2:1969/A37:200X

Tähtaeg 30.07.2008

Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliks. Osa 2: Lambipesad

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

Keel en

EN 60205:2006/FprA1

Identne EN 60205:2006/FprA1:2008

ja identne IEC 60205:2006/A1:200X

Tähtaeg 30.07.2008

Calculation of the effective parameters of magnetic piece parts

This International Standard lays down uniform rules for the calculation of the effective parameters of closed circuits of ferromagnetic material.

Keel en

EN 61009-1:2004/FprAC

Identne EN 61009-1:2004/FprAC:2008

Tähtaeg 30.07.2008

Rikkevoolukaitseülilidid sissehitud liigvoolukaitsega, kasutamiseks majapidamises ja muudel taolistel juhtudel. Osa 1: Üldreeglid

Includes definitions, requirements and tests covering all types of RCBOs for rated voltages not exceeding 440 V a.c., rated currents not exceeding 125 A and rated short-circuit capacities not exceeding 25 000 A.

Keel en

FprEN 61243-3

Identne FprEN 61243-3:2008
ja identne IEC 61243-3:200X
Tähtaeg 30.07.2008

Pingealune töö. Pingeindikaatorid. Osa 3: Kahepooluselised madalpingeindikaatorid

This part of IEC 61243 is applicable to hand-held two-pole voltage detectors with its accessories (crocodile clips and detachable leads) to be used in contact with parts of electrical systems: - for a.c. voltages not exceeding 1 000 V at nominal frequencies between 3 2 16 Hz and up to 500 Hz, and/or - for d.c. voltages not exceeding 1 500 V. NOTE The a.c. voltages defined in this standard refer either to phase-to-phase voltages or phase to neutral voltages. Contact electrode extensions are not covered by this standard. Voltage detectors covered by this standard are intended to be used under dry and humid conditions both indoor and outdoor. They are not intended to be used under rain. Voltage detectors covered by this standard are not intended to be used for continuous operation. Voltage detectors covered by this standard are intended to be used up to 2 000 m above sea level. This document also includes provisions for the following supplementary functions when available (see Annex B): - phase indication, - rotating field indication, and - continuity check. Other supplementary functions are not covered by this standard. Voltage detectors covered by this standard are not considered as measuring devices. Relevant safety requirements for measuring devices are included in IEC 61010 series.

Keel en

Asendab EVS-EN 61243-3:2001

EN 62271-101:2006/FprA1

Identne EN 62271-101:2006/FprA1:2008
ja identne IEC 62271-101:2006/A1:200X
Tähtaeg 30.07.2008

High-voltage switchgear and controlgear Part 101: Synthetic testing

This part of IEC 62271 mainly applies to a.c. circuit-breakers within the scope of IEC 62271-100. It provides the general rules for testing a.c. circuit-breakers, for making and breaking capacities over the range of test duties described in 6.102 to 6.111 of IEC 62271-100, by synthetic methods.

Keel en

FprEN 50512

Identne FprEN 50512:2008
Tähtaeg 30.07.2008

Electrical installations for lighting and beaconing of aerodromes - Advanced Visual Docking Guidance Systems (A-VDGS)

This European Standard specifies requirements of electrical and mechanical design, installation, maintenance and testing procedures for advanced visual docking guidance systems.

Keel en

FprEN 60079-10-2

Identne FprEN 60079-10-2:2008
ja identne IEC 60079-10-2:200X
Tähtaeg 30.07.2008

Explosive atmospheres - Part 10-2: Classification of areas - Combustible dust atmospheres

This part of IEC 60079 is concerned with the identification and classification of areas where explosive dust atmospheres and combustible dust layers are present, in order to permit the proper assessment of ignition sources for use in such areas. In this standard, explosive dust atmospheres and combustible dust layers are treated separately. In Clause 4, area classification for explosive dusts clouds is described, with dust layers acting as one of the possible sources of release. In Clause 7, the hazard of dust layer ignition is described. The recommendations of this standard are based on a system of effective housekeeping being implemented in the plant to prevent dust layers from accumulating. Where effective housekeeping is not present, the area classification includes the possible formation of explosive dust clouds from dust layers. The principles of the standard can also be followed when combustible fibres or flyings may cause a hazard. This standard is intended to be applied where there can be a risk due to the presence of explosive dust atmospheres or combustible dust layers under normal atmospheric conditions.

Keel en

Asendab EVS-EN 61241-10:2004

FprEN 60255-1

Identne FprEN 60255-1:2008
ja identne IEC 60255-1:200X
Tähtaeg 30.07.2008

Measuring relays and protection equipment - Part 1: Common requirements

This international standard specifies common rules and requirements applicable to measuring relays and protection equipment including any combination of devices to form schemes for power system protection such as control, monitoring and process interface equipment in order to obtain uniformity of requirements and tests. All measuring relays and protection equipment used for protection within the power system environment are covered by this standard. Other standards in this series may define their own requirements which in such cases shall take preference. For special applications (marine, aerospace, explosive atmospheres, computers, etc.), the general requirements within this document may need to be enhanced by additional special requirements. The requirements are applicable only to relays in new condition. All tests in this standard are type tests unless otherwise declared.

Keel en

Asendab EVS-EN 60255-6:2002

FprEN 62501

Identne FprEN 62501:2008
ja identne IEC 62501:200X
Tähtaeg 30.07.2008

Electrical testing of voltage sourced converter (VSC) valves for high-voltage direct voltage (HVDC) power transmission

This standard applies to self-commutated converter valves, for use in a three-phase bridge voltage sourced converter (VSC) for high voltage d.c. power transmission or as part of a back-to-back link. It is restricted to electrical type and production tests. The tests specified in this standard are based on air insulated valves. For other types of valves, the test requirements and acceptance criteria must be agreed.

Keel en

prEN 50122-1

Identne prEN 50122-1:2008
Tähtaeg 30.07.2008

Railway applications - Fixed installations - Electrical safety, earthing and bonding - Part 1: Protective provisions against electric shock

This European Standard specifies requirements for the protective provisions relating to electrical safety in fixed installations associated with a.c. and/or d.c. traction systems and to any installations that may be endangered by the traction power supply system. It also applies to all aspects of fixed installations that are necessary to ensure electrical safety during maintenance work within electric traction systems. This European Standard applies to all new lines and to all major revisions to existing lines for the following electric traction systems: – railways; – guided mass transport systems such as: – tramways, – elevated and underground railways, – mountain railways, – trolleybus systems and – magnetic levitated systems; – material transportation systems.

Keel en

Asendab EVS-EN 50122-1:2005

prEN 50122-2

Identne prEN 50122-2:2008
Tähtaeg 30.07.2008

Railway applications - Fixed installations - Electrical safety, earthing and bonding - Part 2: Provisions against the effects of stray currents caused by d.c. traction systems

This European Standard specifies requirements for protective provisions against the effects of stray currents, which result from the operation of d.c. traction systems. As experience for several decades has not shown evident corrosion effects from a.c. traction systems and actual investigations are not completed, this standard only deals with stray currents flowing from a d.c. traction system. This European Standard applies to all metallic fixed installations which form part of the traction system, and also to any other metallic components located in any position in the earth, which may carry stray currents resulting from the operation of the railway system. This European Standard applies to all new d.c. lines and to all major revisions to existing d.c. lines. The principles may also be applied to existing electrified transportation systems where it is necessary to consider the effects of stray currents. It provides design requirements to allow maintenance.

Keel en

Asendab EVS-EN 50122-2:2005

31 ELEKTROONIKA

UUED STANDARDID

CLC/TR 50454:2008

Hind 151,00
Identne CLC/TR 50454:2008

Guide for the application of aluminium electrolytic capacitors

This Technical Report applies to components as described in the scope of the following standards: EN 60384-4 Fixed capacitors for use in electronic equipment - Part 4: Sectional specification - Aluminium electrolytic capacitors with solid (MnO₂) and non-solid electrolyte EN 137100 Sectional Specification: Fixed aluminium electrolytic a.c. capacitors with non-solid electrolyte for motor starter applications - Qualification approval The information given in these documents apply to capacitors with non-solid electrolyte but may, in its appropriate clauses, apply to capacitors with solid electrolyte as well. In cases of doubt, the application of this document shall be discussed between the user and the manufacturer of the components.

Keel en

EVS-EN 60384-11:2008

Hind 171,00
Identne EN 60384-11:2008
ja identne IEC 60384-11:2008

Fixed capacitors for use in electronic equipment -- Part 11: Sectional specification - Fixed polyethylene terephthalate film dielectric metal foil d.c. capacitors

This part of IEC 60384 applies to fixed direct current capacitors, for rated voltages not exceeding 6 300 V, using as dielectric a polyethylene-terephthalate film and electrodes of thin metal foils. For capacitors with rated voltages exceeding 1 000 V, additional tests and requirements may be specified in the detail specification. The capacitors covered by this standard are intended for use in electronic equipment.

Keel en

EVS-EN 60384-11-1:2008

Hind 123,00
Identne EN 60384-11-1:2008
ja identne EC 60384-11-1:2008

Fixed capacitors for use in electronic equipment -- Part 11-1: Blank detail specification - Fixed polyethylene terephthalate film dielectric metal foil d.c. capacitors - Assessment level E

A blank detail specification is a supplementary document to the sectional specification and contains requirements for style and layout and minimum content of detail specifications. Detail specifications not complying with these requirements may not be considered as being in accordance with IEC specifications nor shall they so be described. In the preparation of detail specifications, the content of 1.4 of the sectional specification shall be taken into account.

Keel en

EVS-EN 60749-37:2008

Hind 151,00

Identne EN 60749-37:2008

ja identne IEC 60749-37:2008

Semiconductor devices - Mechanical and climatic test methods -- Part 37: Board level drop test method using an accelerometer

This part of IEC 60749 provides a test method that is intended to evaluate and compare drop performance of surface mount electronic components for handheld electronic product applications in an accelerated test environment, where excessive flexure of a circuit board causes product failure. The purpose is to standardize the test board and test methodology to provide a reproducible assessment of the drop test performance of surface-mounted components while producing the same failure modes normally observed during product level test. The purpose of this standard is to prescribe a standardized test method and reporting procedure. This is not a component qualification test and is not meant to replace any system level drop test that may be needed to qualify a specific handheld electronic product. The standard is not meant to cover the drop test required to simulate shipping and handling-related shock of electronic components or PCB assemblies. These requirements are already addressed in test methods such as IEC 60749-10. The method is applicable to both area array and perimeter-leaded surface mounted packages. This test method uses an accelerometer to measure the mechanical shock duration and magnitude applied which is proportional to the stress on a given component mounted on a standard board. The test method described in the future IEC 60749-401 uses strain gauge to measure the strain and strain rate of a board in the vicinity of a component. The detailed specification states which test method is to be used.

Keel en

EVS-EN 61076-3-110:2008

Hind 233,00

Identne EN 61076-3-110:2008

ja identne IEC 61076-3-110:2007

Connectors for electronic equipment - Product requirements -- Part 3-110: Rectangular connectors - Detail specification for shielded, free and fixed connectors for data transmission with frequencies up to 1 000 MHz

This part of IEC 61076 is a detail specification, forming part of IEC 61076-3, for IEC 61076-3-110, two-part connector. It covers mechanical and environmental requirements, and electrical transmission requirements for frequencies up to 1 000 MHz. These connectors can be used as category 7 connectors in class F cabling systems, as specified in ISO/IEC 11801:2002.1 The connectors are intermateable with IEC 60603-7-X series connectors.2 The connectors are interoperable with IEC 60603-7-7 and IEC 60603-7-71 connectors.3 The connectors are backward compatible with IEC 60603-7-7 and IEC 60603-7-71 connectors.4

Keel en

KAVANDITE ARVAMUSKÜSITLUS

EN 60747-16-3:2003/FprA1

Identne EN 60747-16-3:2002/FprA1:2008

ja identne IEC 60747-16-3:2002/A1:200X

Tähtaeg 30.07.2008

Semiconductor devices - Part 16-3: Microwave integrated circuits - Frequency converters

Provides new measuring methods, terminology and letter symbols, as well as essential ratings and characteristics for integrated circuit microwave frequency converters.

Keel en

EN 60747-16-4:2004/FprA1

Identne EN 60747-16-4:2004/FprA1:2008

ja identne IEC 60747-16-4:2004/A1:200X

Tähtaeg 30.07.2008

Semiconductor devices - Part 16-4: Microwave integrated circuits - Switches

Provides new measuring methods, terminology and letter symbols, as well as essential ratings and characteristics for integrated circuit microwave switches. Switches in this standard are based on SPDT (single pole double throw). However, this standard is applicable to the other types of switches.

Keel en

FprEN 60512-16-3

Identne FprEN 60512-16-3:2008

ja identne IEC 60512-16-3:200X

Tähtaeg 30.07.2008

Connectors for electronic equipment - Tests and measurements - Part 16-3: Mechanical tests on contacts and terminations - Test 16c: Contact-bending strength

This part of IEC 60512, when required by the detail specification, is used for testing electrical 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 ability of a contact to withstand a specified bending moment or force. If so specified in the detail specification, forces other than bending may be applied. Although this test is illustrated for the mating area of cylindrical contacts, and is particularly applicable to those with a mating diameter of 1,2 mm or less, its use for contacts with other geometries is not excluded. In which case, the detail specification shall contain sufficient detail, given under Clause 6, i), j) and k), to enable the test to be done. Furthermore, it may be used for any part of a connector (such as a keying or polarizing device; cable support or contact latching feature) provided that sufficient detail is given in the detail specification.

Keel en

FprEN 60512-16-5

Identne FprEN 60512-16-5:2008

ja identne IEC 60512-16-5:200X

Tähtaeg 30.07.2008

Connectors for electronic equipment - Tests and measurements - Part 16-5: Mechanical tests on contacts and terminations - Test 16e: Gauge retention force (resilient contacts)

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 holding capacity of contacts with resilient features by means of gauges. The test is also applicable to the grounding contact spring, and other similar contact systems, where the ability to retain a gauge is to be demonstrated. In these cases, the component detail specification shall contain sufficient detail, given under 5 d) to f), to enable the test to be done.

Keel en

FprEN 60512-16-6

Identne FprEN 60512-16-6:2008

ja identne IEC 60512-16-6:200X

Tähtaeg 30.07.2008

Connectors for electronic equipment - Tests and measurements - Part 16-6: Mechanical tests on contacts and terminations - Test 16f: Robustness of terminations

This part of IEC 60512, when required by the detail specification, is used for testing electrical connectors within the scope of IEC 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 assess the ability of terminations to withstand the mechanical stresses likely to be applied during normal assembly operations.

Keel en

FprEN 60512-16-7

Identne FprEN 60512-16-7:2008

ja identne IEC 60512-16-7:200X

Tähtaeg 30.07.2008

Connectors for electronic equipment - Tests and measurements - Part 16-7: Mechanical tests on contacts and terminations - Test 16g: Measurement of contact deformation after crimping

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of IEC 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 contacts to resist deformation (damage) from crimping operations. Although this test is intended for cylindrical contacts, especially machined contacts, it is applicable to contacts with other geometries and construction. In which case, the detail specification shall contain sufficient detail, given under clause 4, to enable the test to be done.

Keel en

FprEN 60512-16-14

Identne FprEN 60512-16-14:2008

ja identne IEC 60512-16-14:200X

Tähtaeg 30.07.2008

Connectors for electronic equipment - Tests and measurements - Part 16-14: Mechanical tests on contacts and terminations - Test 16n: Bending strength, fixed male tabs

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of IEC 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 ability of a fixed male tab and its fixing to withstand a specified bending stress. If so specified in the detail specification, forces other than bending may be applied.

Keel en

FprEN 60512-16-16

Identne FprEN 60512-16-16:2008

ja identne IEC 60512-16-16:200X

Tähtaeg 30.07.2008

Connectors for electronic equipment - Tests and measurements - Part 16-16: Mechanical tests on contacts and terminations - Test 16p: Torsional strength, fixed male tabs

This part of IEC 60512, when required by the detail specification, is used for testing electromechanical components within the scope of IEC 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 ability of a fixed male tab and its fixing to withstand a specified torque. If so specified in the detail specification, forces other than torsional may be applied.

Keel en

FprEN 60512-16-17

Identne FprEN 60512-16-17:2008

ja identne IEC 60512-16-17:200X

Tähtaeg 30.07.2008

Connectors for electronic equipment - Tests and measurements - Part 16-17: Mechanical tests on contacts and terminations - Test 16q: Tensile and compressive strength, fixed male tabs

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 the ability of a fixed male tab and its fixing to withstand specified tensile and compressive forces. If so specified in the detail specification, forces other than tension and compression may be applied.

Keel en

FprEN 62430

Identne FprEN 62430:2008
ja identne IEC 62430:200X
Tähtaeg 30.07.2008

Environmentally conscious design for electrical and electronic products

This International Standard specifies requirements and procedures to integrate environmental aspects into design and development processes of electrical and electronic products, including combination of products, and the materials and components of which they are composed (hereafter referred to as products).

Keel en

33 SIDETEHNIKA

UUED STANDARDID

CLC/TR 50378-2-2:2008

Hind 162,00
Identne CLC/TR 50378-2-2:2008

Passive components to be used in optical fibre communication systems - Product specifications -- Part 2-2: SC(SC2)-APC connector-type fixed optical attenuators using IEC 60793-2 Category B1.1 singlemode fibre

This document reports the measurement results of a round robin test program carried out on SC/APC plug style fixed attenuators. The work was initiated at CENELEC CLC/TC 86BXA in November 2004 in order to get a clear understanding on the accuracy and repeatability of the spectral attenuation loss measurements on fixed attenuators. Out of these results some recommendations are made for attenuation tolerance values that can be used in the performance standards.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

EN 50290-2-24:2003/FprAA

Identne EN 50290-2-24:2002/FprAA:2008
Tähtaeg 30.07.2008

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

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

Keel en

FprEN 61300-2-34

Identne FprEN 61300-2-34:2008
ja identne IEC 61300-2-34:200X
Tähtaeg 30.07.2008

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-34: Tests - Resistance to solvents and contaminating fluids of interconnecting components and closures

The purpose of this part of IEC 61300 is for testing fibre optic interconnecting components and closures. The object of this test is to define a standard test method to assess the effects of short term exposure to fluids and lubricants on fibre optic interconnecting components and closures.

Keel en

Asendab EVS-EN 61300-2-34:2002

FprEN 60794-3-21

Identne FprEN 60794-3-21:2008
ja identne IEC 60794-3-21:200X
Tähtaeg 30.07.2008

Optical fibre cables - Part 3-21: Outdoor optical fibre cables - Product specification for optical self-supporting aerial telecommunication cables for use in premises cabling

This part of IEC 60794 is a product specification. It presents the detailed requirements specific to optical self-supporting aerial telecommunication cables for use in premises cabling to ensure compatibility with ISO 11801 [1]3 and ISO 24702 [2]. The requirements of the Family Specification IEC 60794-3-20 and Sectional Specification IEC 60794-3 are applicable to cables covered by this standard.

Keel en

Asendab EVS-EN 60794-3-21:2006

FprEN 60794-3-12

Identne FprEN 60794-3-12:2008
ja identne IEC 60794-3-12:200X
Tähtaeg 30.07.2008

Optical fibre cables Part 3-12: Outdoor cables - Detailed specification for duct and directly buried optical telecommunication cables for use in premises cabling

This part of IEC 60794 is a product specification. It presents the detailed requirements specific to duct and directly buried optical telecommunication cables for use in premises cabling to ensure compatibility with ISO 11801 [1]3 and ISO 24702 [2]. The requirements of the Family Specification IEC 60794-3-10 and Sectional Specification IEC 60794-3 are applicable to cables covered by this standard.

Keel en

Asendab EVS-EN 60794-3-12:2006

FprEN 61280-2-9

Identne FprEN 61280-2-9:2008
ja identne IEC 61280-2-9:200X
Tähtaeg 30.07.2008

Fibre optic communication subsystem test procedures - Part 2-9: Digital systems - Optical signal-to-noise ratio measurement for dense wavelength-division multiplexed systems

This part of IEC 61280 provides a parameter definition and a test method for obtaining optical signal-to-noise ratio (OSNR) using apparatus that measures the optical spectrum at a multichannel interface. Because noise measurement is made on an optical spectrum analyzer, the measured noise does not include source relative intensity noise (RIN) or receiver noise.

Keel en

Asendab EVS-EN 61280-2-9:2003

FprEN 62343-5-1

Identne FprEN 62343-5-1:2008
ja identne IEC 62343-5-1:200X
Tähtaeg 30.07.2008

Dynamic modules - Test methods - Part 5-1: Dynamic gain tilt equalizer - Response time measurement

This standard contains the measurement method of response time for a dynamic gain tilt equalizer (DGTE) to change its gain tilt from an arbitrary initial value to a desired target value.

Keel en

FprEN 62448

Identne FprEN 62448:2008

ja identne IEC 62448:200X

Tähtaeg 30.07.2008

Multimedia systems and equipment - Multimedia e-publishing and e-books - Generic format for e-publishing

This International Standard specifies a generic format for multimedia e-publishing employed for e-book data interchange among data preparers and publishers, satisfying a number of publishers requirements: revisable, extensible and heterogeneous logical structure.

Keel en

FprEN 62524

Identne FprEN 62524:2008

ja identne IEC 62524:200X

Tähtaeg 30.07.2008

Multimedia systems and equipment - Multimedia e-publishing and e-books - Reader's format for e-publishing

This international standard specifies a reader's format for multimedia e-publishing employed for e-book data interchange among publishers and readers, satisfying a number of readers' requirements: being non-revisable, equipment-adaptive and application-adaptive. This international standard does not address the followings: • Elements necessary for final print reproduction only. • Rendering issues related to physical devices • Metadata issues for document management • Security issues such as DRM for document

Keel en

**35 INFOTEHNOLOOGIA.
KONTORISEADMED****UUED STANDARDID****CLC/TR 50173-99-1:2008**

Identne CLC/TR 50173-99-1:2007

Cabling guidelines in support of 10 GBASE-T

This Technical Report

- a) specifies the transmission performance for channels to support 10 GBASE-T as specified in IEEE 802.3an,
- b) specifies the methods to assess whether installed Class E and Class F channels meet IEEE 802.3an requirements,
- c) provides mitigation techniques to improve the performance of an existing installation to meet the IEEE 802.3an requirements.

Keel en

EVS-EN 13606-3:2008

Hind 221,00

Identne EN 13606-3:2008

Health informatics - Electronic health record communication - Part 3: Reference archetypes and term lists

This Standard addresses the communication of part or all of electronic health records (EHR) of a single identified subject of care between EHR systems, or between EHR systems and a centralised EHR data repository. It may also be used for EHR communication between an EHR system or repository and clinical applications or middleware components (such as decision support components) that need to access or provide EHR data, or as the representation of EHR data within a distributed (federated) record system. This Standard, Part 3 of the 13606 EHR Communications Standard Series, defines term lists that each specify the set of values that particular attributes of the Reference Model defined in Part 1 of this Series may take. It also defines informative Reference Archetypes that correspond to ENTRY-level compound data structures within the Reference Models of openEHR and HL7 Version 3, to enable those instances to be represented within a consistent structure when communicated using this standard.

Keel en

EVS-EN 61800-7-1:2008

Hind 305,00

Identne EN 61800-7-1:2008

ja identne IEC 61800-7-1:2007

Adjustable speed electrical power drive systems -- Part 7-1: Generic interface and use of profiles for power drive systems - Interface definition

IEC 61800-7 specifies profiles for power drive systems (PDS) and their mapping to existing communication systems by use of a generic interface model. The functions specified in this standard are not intended to ensure functional safety. This requires additional measures according to the relevant standards, agreements and laws. IEC 61800-7-1 specifies a generic interface between power drive system(s) (PDS) and the application control program in a controller. The generic PDS interface is not specific to any particular communication network technology. Annexes of IEC 61800-7-1 specify the mapping of the different drive profiles onto the generic PDS interface.

Keel en

EVS-EN 61800-7-201:2008

Hind 324,00

Identne EN 61800-7-201:2008

ja identne IEC 61800-7-201:2007

Adjustable speed electrical power drive systems - Part 7-201: Generic interface and use of profiles for power drive systems - Profile type 1 specification

IEC 61800-7 specifies profiles for Power Drive Systems (PDS) and their mapping to existing communication systems by use of a generic interface model. The functions specified in this part of IEC 61800-7 are not intended to ensure functional safety. This requires additional measures according to the relevant standards, agreements and laws. This part of IEC 61800-7 specifies profile type 1 for Power Drive Systems (PDS). Profile type 1 can be mapped onto different communication network technologies.

Keel en

EVS-EN 61800-7-202:2008

Hind 358,00

Identne EN 61800-7-202:2008

ja identne IEC 61800-7-202:2007

Adjustable speed electrical power drive systems - Part 7-202: Generic interface and use of profiles for power drive systems - Profile type 2 specification

IEC 61800-7 specifies profiles for Power Drive Systems (PDS) and their mapping to existing communication systems by use of a generic interface model. The functions specified in this part of IEC 61800-7 are not intended to ensure functional safety. This requires additional measures according to the relevant standards, agreements and laws. This part of IEC 61800-7 specifies profile type 2 (CIP Motion™) for Power Drive Systems (PDS). Profile type 2 can be mapped onto different communication network technologies.

Keel en

EVS-EN 61800-7-203:2008

Hind 358,00

Identne EN 61800-7-203:2008

ja identne IEC 61800-7-203:2007

Adjustable speed electrical power drive systems - Part 7-203: Generic interface and use of profiles for power drive systems - Profile type 3 specification

IEC 61800-7 specifies profiles for Power Drive Systems (PDS) and their mapping to existing communication systems by use of a generic interface model. The functions specified in this part of IEC 61800-7 are not intended to ensure functional safety. This requires additional measures according to the relevant standards, agreements and laws. This part of IEC 61800-7 specifies profile type 3 for Power Drive Systems (PDS). Profile type 3 can be mapped onto different communication network technologies.

Keel EN

EVS-EN 61800-7-204:2008

Hind 430,00

Identne EN 61800-7-204:2008

ja identne IEC 61800-7-204:2007

Adjustable speed electrical power drive systems - Part 7-204: Generic interface and use of profiles for power drive systems - Profile type 4 specification

IEC 61800-7 specifies profiles for Power Drive Systems (PDS) and their mapping to existing communication systems by use of a generic interface model. The functions specified in this part of IEC 61800-7 are not intended to ensure functional safety. This requires additional measures according to the relevant standards, agreements and laws. This part of IEC 61800-7 specifies profile type 4 for Power Drive Systems (PDS). Profile type 4 can be mapped onto different communication network technologies.

Keel en

EVS-EN 61800-7-301:2008

Hind 324,00

Identne EN 61800-7-301:2008

ja identne IEC 61800-7-301:2007

Adjustable speed electrical power drive systems - Part 7-301: Generic interface and use of profiles for power drive systems - Mapping of profile type 1 to network technologies

IEC 61800-7 specifies profiles for Power Drive Systems (PDS) and their mapping to existing communication systems by use of a generic interface model. The functions specified in this part of IEC 61800-7 are not intended to ensure functional safety. This requires additional measures according to the relevant standards, agreements and laws. This part of IEC 61800-7 specifies the mapping of the profile type 1 (CiA 402) specified in IEC 61800-7-201 onto different network technologies. – CANopen, see Clause 5; – EtherCAT, see Clause 6; – ETHERNET Powerlink, see Clause 7.

Keel en

EVS-EN 61800-7-302:2008

Hind 180,00

Identne IEC 61800-7-302:2007

ja identne EN 61800-7-302:2008

Adjustable speed electrical power drive systems - Part 7-302: Generic interface and use of profiles for power drive systems - Mapping of profile type 2 to network technologies

IEC 61800-7 specifies profiles for Power Drive Systems (PDS) and their mapping to existing communication systems by use of a generic interface model. The functions specified in this part of IEC 61800-7 are not intended to ensure functional safety. This requires additional measures according to the relevant standards, agreements and laws. This part of IEC 61800-7 specifies the mapping of the profile type 2 (CIP Motion™) specified in IEC 61800-7-202 onto different network technologies. – DeviceNet™ (CP 2/3), see Clause 5, – ControlNet™ (CP 2/1), see Clause 6, – EtherNet/IP™ (CP 2/2), see Clause 7.

Keel en

EVS-EN 61800-7-303:2008

Hind 305,00

Identne EN 61800-7-303:2008

ja identne IEC 61800-7-303:2007

Adjustable speed electrical power drive systems - Part 7-303: Generic interface and use of profiles for power drive systems - Mapping of profile type 3 to network technologies

IEC 61800-7 specifies profiles for Power Drive Systems (PDS) and their mapping to existing communication systems by use of a generic interface model. The functions specified in this part of IEC 61800-7 are not intended to ensure functional safety. This requires additional measures according to the relevant standards, agreements and laws. This part of IEC 61800 7 specifies how the profile type 3 (PROFIdrive) specified in IEC 61800-7-203 onto different network technologies. – PROFIBUS DP, see Clause 4, – PROFINET IO, see Clause 5.

Keel en

EVS-EN 61800-7-304:2008

Hind 286,00

Identne EN 61800-7-304:2008

ja identne IEC 61800-7-304:2007

Adjustable speed electrical power drive systems - Part 7-304: Generic interface and use of profiles for power drive systems - Mapping of profile type 4 to network technologies

IEC 61800-7 specifies profiles for Power Drive Systems (PDS) and their mapping to existing communication systems by use of a generic interface model. The functions specified in this part of IEC 61800-7 are not intended to ensure functional safety. This requires additional measures according to the relevant standards, agreements and laws. This part of IEC 61800-7 specifies the mapping of the profile type 4 (SERCOS) specified in IEC 61800-7-204 onto different network technologies. – SERCOS I / II, see Clause 5, – SERCOS III, see Clause 6, – EtherCAT, see Clause 7.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

EN 60950-1/FprAB

Identne EN 60950-1:2006/FprAB:2008

Tähtaeg 30.07.2008

Information technology equipment - Safety - Part 1: General requirements

This standard is applicable to mains-powered or battery-powered information technology equipment, including electrical business equipment and associated equipment, with a RATED VOLTAGE not exceeding 600 V.

Keel en

prCEN/TS 15213-6

Identne prCEN/TS 15213-6:2008

Tähtaeg 30.07.2008

Road transport and traffic telematics - After-theft systems for the recovery of stolen vehicles - Part 6: Test procedures

This document specifies the Test Criteria for after-theft services for the recovery of stolen vehicles (ATSVR), and their control and use with electronic and electromechanical inhibitor control equipment utilising both conventional switched outputs and/or soft-coded outputs of setting and unsetting devices, detectors, warning devices and ancillary equipment, for fitting to vehicles operating on 12/24V negative earth electrical systems. The requirements and tests specified in this standard enable reasonable assessment of components performance with regard to safety, reliability, functionality, security and documentation. To provide reproducible test methods and to avoid the proliferation of technically similar test methods, the test procedures have been chosen, where possible, from internationally accepted standards. For specific guidance on these tests, reference is made to the appropriate document. In the context of the test procedures the term "specimen(s)" shall refer to the component or components of the ATSVR under test. To identify the tests that are to be applied to each type of component, reference shall be made to the table 23 in Annex A1 The document assumes and requires that all other electrical and radio standards relevant to vehicles are complied with and shall take precedent in the event of conflict with any requirement in these ATSVR requirements. This document is not intended to stifle technical development or prevent the use of new methods of detection, communication or implementation applied to an ATSVR device or system. In the event that an ATSVR system uses technology that renders any of the tests contained in this document inappropriate (e.g. a technology that wasn't envisaged when the standard was developed) then the 'spirit' rather than the 'letter' of the standard should apply.

Keel en

prEN ISO 10781

Identne prEN ISO 10781:2008

ja identne ISO/HL7 DIS 10781:2008

Tähtaeg 30.07.2008

Health informatics - HL7 Electronic health record system functional model, release 1

Established in 1987, Health Level Seven (HL7) is an American National Standards Institute (ANSI) accredited, not-for-profit standards-development organization, whose mission is to provide standards for the exchange, integration, sharing, and retrieval of electronic health information; support clinical practice; and support the management, delivery and evaluation of health services. ANSI accreditation, coupled with HL7's own procedures, dictates that any standard published by HL7 and submitted to ANSI for approval, be developed and ratified by a process that adheres to ANSI's procedures for open consensus and meets a balance of interest requirement by attaining near equal participation in the voting process by the various constituencies that are materially affected by the standard (e.g., vendors, providers, government agencies, consultants, non-profit organizations). This balance of interest goal ensures that a particular constituency is neither refused participation nor is it allowed to dominate the development and ratification of a proposed standard. More information and background on ANSI is available on their website at: <http://www.ANSI.org>

Keel en

prEN ISO 13606-5

Identne prEN ISO 13606-5:2008

ja identne ISO/DIS 13606-5:2008

Tähtaeg 30.07.2008

Health Informatics - Electronic Health Record Communication - Part 5: Interface specification

This standard specifies the information architecture required for interoperable communications between systems and services that need or provide EHR data. This standard is not intended to specify the internal architecture or database design of such systems. The subject of the record or record extract to be communicated is an individual person, and the scope of the communication is predominantly with respect to that person's care. Uses of healthcare records for other purposes such as administration, management, research and epidemiology, which require aggregations of individual people's records, are not the focus of this standard but such secondary uses could also find the standard useful.

Keel en

prEN ISO 21090

Identne prEN ISO 21090:2008

ja identne ISO/DIS 21090:2008

Tähtaeg 30.07.2008

Health Informatics - Harmonized data types for information interchange

This International Standard • provides set of data type definitions for representing and exchanging basic concepts that are commonly encountered in healthcare environments in support of information exchange in the healthcare environment, • specifies a collection of healthcare related data types suitable for use in a number of health related information environments, • declares the semantics of these data types using the terminology, notations and data types defined in ISO 11404 rev 2005, • provides UML definitions of the same data types using the terminology, notation and types defined in Unified Modeling Language (UML) version 2.0, • defines an XML (Extensible Markup Language) based representation of the data types suitable for use when exchanging information between information processing entities. The requirements which underpin the scope reflected are a mix of requirements gathered primarily from HL7 Version 3 and ISO 11404, and also from CEN 13606 and past ISO work on healthcare datatypes. Although the focus with regard to requirements and design approaches has focused on the information interchange, these datatypes may be adopted for other purposes in healthcare, but this is not mandated by this standard.

Keel en

prEN ISO 24978

Identne prEN ISO 24978:2008

ja identne ISO/DIS 24978:2008

Tähtaeg 29.08.2008

Intelligent transport systems - ITS Safety and emergency messages using any available wireless media - Data Registry procedures

A Standardized set of protocols, parameters, and a method of management of an updateable "Data Registry" to provide application layers for "ITS Safety messages" via any available wireless media.

Keel en

43 MAANTEESÕIDUKITE EHITUS

UUED STANDARDID

EVS-EN 1501-3:2008

Hind 246,00

Identne EN 1501-3:2008

Prügikogumissõidukid ja nendega ühendatud tõstemehhanismid. Põhi- ja ohutusnõuded. Osa 3: Eestlaadimisega prügikogumissõidukid

This standard applies to front loaded refuse collection vehicles, as defined in 3.2, and specifies their technical requirements. This standard deals with all significant hazards, hazardous situations and events relevant to the front loaded RCV, when it is used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). This standard part 3 describes and gives the requirements of the front loaded RCV and the associated lifting device(s) and refers to part 4 of this series of standards for the noise test code. Examples for standard types of front loaded refuse collection vehicles are given in Annex C. This European Standard is not applicable to: - operation in severe conditions (e.g. extreme environmental conditions such as: temperatures below -25°C and above 40°C , corrosive environment, tropical environment, lightning, wind velocity in excess of 75 km/h); - operation subject to special rules (e.g. potentially explosive atmospheres, contaminating environments); - transportation of passengers, lifting of persons; - loading by crane; - loading by satellite vehicle; - containers other than defined in EN 840-1 to -4, EN 12574-1 to -3 and type B of EN 13071; - handling of loads the nature of which could lead to dangerous situations such as hot wastes, acids and bases, radioactive materials, especially fragile loads, explosives. This document is not applicable to machinery which is manufactured before the date of its publication by CEN.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

EN 1493:1999/prA1

Identne EN 1493:1998/prA1:2008

Tähtaeg 30.07.2008

Sõidukitõstukid

See standard kehtib statsionaarsete, teisaldatavate ja liikurtõstukite kohta, mis ei ole ette nähtud inimeste tõstmiseks, kuid mis on konstrueeritud kogu sõiduki ülestõstmiseks eesmärgiga uurida sõidukeid ja töötada sõidukite all või peal sel ajal, mil sõidukid on üles tõstetud. Sõidukitõstuk võib koosneda ühest või enamast tõsteüksusest.

Keel en

EN 13019:2001/prA1

Identne EN 13019:2001/prA1:2008

Tähtaeg 30.07.2008

Teepinnapuhastusmasinad. Ohutusnõuded

This standard applies to road surface cleaning machines. The equipment would normally be mounted on a carrier vehicle (e.g. truck, tractor, construction machinery and mobile industrial handling equipment).

Keel en

EN 13021:2003/prA1

Identne EN 13021:2003/prA1:2008

Tähtaeg 30.07.2008

Talvise hoolduse masinad. Ohutusnõuded

This European Standard applies to winter service machines which are defined in clause 3. This European Standard deals with all significant hazards (see clause 4) identified through a risk assessment pertinent to winter service machines when they are used as intended and under the conditions foreseen by the manufacturer. This European Standard does not deal with significant hazards associated with noise and EMC

Keel en

prEN 15436-4

Identne prEN 15436-4:2008

Tähtaeg 30.07.2008

Road service area maintenance equipment - Part 4: Delivery acceptance of the machines by the users

This standard applies to: - mowers; and - mechanical brush cutters; used by road maintenance services. The standard provides harmonised expressions/characteristic parameters by means of which operators can specify the above-mentioned equipment's performance to suppliers. The standard also describes procedures for testing delivered equipment's compliance with operator requirements.

Keel en

45 RAUDTEETEHNIKA

UUED STANDARDID

EVS-EN 15302:2008

Hind 305,00

Identne EN 15302:2008

Raudteealased rakendused. Meetodid koonilisuse ekvivalendi määramiseks

This European Standard establishes an evaluation procedure for determining equivalent conicity. A benchmark calculation is specified to achieve comparable results on a consistent basis for the equivalent conicity, which may be calculated by different methods not given in this European Standard. This European Standard also proposes possible calculation methods. Informative examples of the use of the Klingel formula (see Annex B) and linear regression of the Δr -function (see Annex C) are included in this European Standard. This European Standard includes reference profiles, profile combinations, tolerances and reference results with tolerance limits, which allow the user to assess the acceptability of a measuring and calculation system including random- and grid- errors of the measuring system. It sets down the principles of calculation that need to be followed but does not impose any particular numerical calculation method. This European Standard does not define limits for the equivalent conicity and gives no tolerances for the rail profile and the wheel profile to achieve acceptable results for the conicity. For purposes outside the scope of this European Standard (e.g. simulation of vehicle behaviour) it can be useful or necessary to use more sophisticated theories. These methods are not within the scope of this European Standard. For the application of this European Standard some general recommendations are given in Annex I.

Keel en

EVS-EN 15528:2008

Hind 221,00

Identne EN 15528:2008

Raudteelased rakendused. Raudteeveeremi teljekoormust ja infrastruktuuri ühilduvust reguleerivad raudteelõikude kategooriad

This European Standard describes methods of classification of existing and new railway lines and the categorisation of vehicles. The standard specifies the technical requirements for ensuring the compatibility of the interface between vehicle and infrastructure. The standard is suitable for use on freight, passenger and mixed traffic lines and contains requirements relevant to: - classification of the vertical load carrying capacity of railway infrastructure; - design of railway vehicles; - determination of payload limits of freight wagons. A summary of the classification of infrastructure and categorisation of vehicles is given in Annex B. The assessment of the vertical load carrying capacity of civil engineering structures, track, sub-grade and earthworks by the use of the load models defined in Annex A permits the classification of infrastructure into line categories. This European Standard identifies on which lines vehicles are compatible to the infrastructure under normal operation conditions without further checks regarding vertical load effects. The methodology described in this European Standard is not valid for high speed rail traffic. Tilting traffic and the working of rail mounted plant and cranes etc. are also outside the scope of this European Standard. This European Standard does not cover the system used in Great Britain, where all lines and vehicles are to be classified in accordance with the RA (Route Availability) System. A guide to the equivalent categories in accordance with this European Standard is given in Annex C. This European Standard does not cover requirements relating to the maximum total mass or maximum length of a train. The requirements of this European Standard do not replace regulations relating to e.g. dynamic wheel/rail contact force limits, vehicle ride considerations, vehicle structural design limitations etc.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

prEN 15806

Identne prEN 15806:2008

Tähtaeg 30.07.2008

Railway application - Braking - Static brake testing

This European Standard specifies generic static test requirements for the braking of vehicles for heavy rail and mass transport systems, running on steel or rubber tyred wheels and guided by steel rails or other equivalent means. Hereinafter all references to tests are to be read as "static" tests NOTE 1 This standard does not specify the particularities of the static test which can be found in the different standards specified in Article 2 . NOTE 2 This standard is not including static tests realised in normal service before the departure of the train. Dynamic tests are not in the scope of this standard The static tests are the preliminary tests carried out whilst the vehicles and/or train are stationary to permit the acceptance of a rail vehicle into service. Vehicle movements could occur at certain times during the testing (e.g. during parking brake tests axle speed sensors tests.). Dynamic tests are part of bringing the vehicle into service which are carried out on the line. They are specified in the particular type specifications. Tests associated with energy production are not included in the scope of this standard. (e.g. refer to ISO 8573-1:2001) This European Standard is applicable to: - all newly designed vehicles; - all major refurbishments, if these include either redesign or significant modifications which could influence the brake system; - any new builds of existing designs of vehicles. - any disassembly and reassembly of the system or parts of it. The brake systems considered incorporates the following components and sub-systems: - distributor valves (see prEN 15355) - brake discs (see prEN 14535), pads (see prEN15328), blocks, holding devices, cylinders - wheel slip prevention equipment (prEN 15595) - end cocks (EN 14601) - passenger emergency brake system (prEN 15327) - brake indicators (see prEN 15220) - pneumatic half coupling (WI 00256241) - weighing valve - slack adjusters (see WI 00256243) - relay valve for rolling stock (see prEN 15611), - brake pipe accelerator valve (see prEN 15612), - empty-loaded changeover devices (see prEN 15624) - automatic variable load sensing devices (see prEN 15625).

Keel en

prEN 15807

Identne prEN 15807:2008

Tähtaeg 30.07.2008

Railway applications - Pneumatic half couplings

This European Standard applies to pneumatic half couplings designed to couple the Brake and Main Reservoir pipes of railway vehicles, without taking the type of vehicles and track-gauge into consideration. This European Standard gives the requirements for the design, dimensions, testing and quality assurance of pneumatic half couplings. Other types of flexible connections between vehicles can be used, if same level of safety can be verified.

Keel en

prEN 50122-1

Identne prEN 50122-1:2008

Tähtaeg 30.07.2008

Railway applications - Fixed installations - Electrical safety, earthing and bonding - Part 1: Protective provisions against electric shock

This European Standard specifies requirements for the protective provisions relating to electrical safety in fixed installations associated with a.c. and/or d.c. traction systems and to any installations that may be endangered by the traction power supply system. It also applies to all aspects of fixed installations that are necessary to ensure electrical safety during maintenance work within electric traction systems. This European Standard applies to all new lines and to all major revisions to existing lines for the following electric traction systems: – railways; – guided mass transport systems such as: – tramways, – elevated and underground railways, – mountain railways, – trolleybus systems and – magnetic levitated systems; – material transportation systems.

Keel en

Asendab EVS-EN 50122-1:2005

prEN 50122-2

Identne prEN 50122-2:2008

Tähtaeg 30.07.2008

Railway applications - Fixed installations - Electrical safety, earthing and bonding - Part 2: Provisions against the effects of stray currents caused by d.c. traction systems

This European Standard specifies requirements for protective provisions against the effects of stray currents, which result from the operation of d.c. traction systems. As experience for several decades has not shown evident corrosion effects from a.c. traction systems and actual investigations are not completed, this standard only deals with stray currents flowing from a d.c. traction system. This European Standard applies to all metallic fixed installations which form part of the traction system, and also to any other metallic components located in any position in the earth, which may carry stray currents resulting from the operation of the railway system. This European Standard applies to all new d.c. lines and to all major revisions to existing d.c. lines. The principles may also be applied to existing electrified transportation systems where it is necessary to consider the effects of stray currents. It provides design requirements to allow maintenance.

Keel en

Asendab EVS-EN 50122-2:2005

47 LAEVAEHITUS JA MERE-EHITISED

KAVANDITE ARVAMUSKÜSITLUS

EN 62320-1:2007/FprA1

Identne EN 62320-1:2007/FprA1:2008

ja identne IEC 62320-1:2007/A1:200X

Tähtaeg 30.07.2008

Maritime navigation and radiocommunication equipment and systems - Automatic Identification Systems (AIS) -- Part 1: AIS Base Stations - Minimum operational and performance requirements, methods of testing and required test results

This part of IEC 62320 specifies the minimum operational and performance requirements, methods of testing and required test results for AIS Base Stations, compatible with the performance standards adopted by IMO Res. MSC.74 (69), Annex 3, Universal AIS. It incorporates the technical characteristics of non-shipborne, fixed station AIS equipment, included in recommendation ITU-R M.1371 and IALA Recommendation A-124. Where applicable, it also takes into account the ITU Radio Regulations. This standard takes into account other associated IEC international standards and existing national standards, as applicable. This standard is applicable for AIS Base Stations. It does not include specifications for the display of AIS data on shore.

Keel en

49 LENNUNDUS JA KOSMOSETEHNIKA

UUED STANDARDID

EVS-EN 2398:2008

Hind 73,00

Identne EN 2398:2008

Aerospace series - Heat resisting steel FE-PA2601 (X6NiCrTiMoV26-15) - Rm = 900 MPa - Bars for machined bolts - D = 25 mm

This standard specifies the requirements relating to: Heat resisting steel FE-PA2601 (X6NiCrTiMoV26-15) Rm ≥ 900 MPa Bars for machined bolts D ≤ 25 mm for aerospace applications.

Keel en

EVS-EN 2478:2008

Hind 73,00

Identne EN 2478:2008

Aerospace series - Steel FE-PL2107 (30NiCrMo16) - 1 220 MPa ≤ Rm ≤ 1 370 MPa - Bars - De ≤ 40 mm

This standard specifies the requirements relating to: Steel FE-PL2107 (30NiCrMo16) 1 220 MPa ≤ Rm ≤ 1 370 MPa Bars De ≤ 40 mm for aerospace applications.

Keel en

EVS-EN 2480:2008

Hind 73,00

Identne EN 2480:2008

Aerospace series - Steel FE-PL2108 (36NiCrMo16) - 1 250 MPa ≤ Rm ≤ 1 400 MPa - Bars - De = 75 mm

This standard specifies the requirements relating to: Steel FE-PL2108 (36NiCrMo16) 1 250 MPa ≤ Rm ≤ 1 400 MPa Bars De ≤ 75 mm for aerospace applications.

Keel en

EVS-EN 2786:2008

Hind 73,00

Identne EN 2786:2008

Aerospace series - Electrolytic silver plating of fasteners

This standard specifies the electrolytic silver plating of fasteners used in aerospace applications. It shall apply whenever referenced.

Keel en

EVS-EN 2898:2008

Hind 95,00

Identne EN 2898:2008

Aerospace series - Corrosion and heat resisting steel rivets - Technical specification

This standard specifies the performance and test requirements for corrosion and heat resisting solid steel rivets intended for aerospace applications. It applies whenever it is specified in the document defining the rivet. Its use, after agreement between the customer and the supplier, for solid rivets made from other materials, requires determination, case by case, of the minimum tensile and double shear loads.

Keel en

EVS-EN 2941:2008

Hind 95,00

Identne EN 2941:2008

Aerospace series - Nickel alloy rivets - Technical specification

This standard specifies the performance and test requirements for solid rivets in the nickel alloys quoted below, intended for aerospace applications. It applies wherever it is specified in the document defining the rivet. Its use, after agreement between the customer and the supplier, for solid rivets made from other materials, requires determination, case by case, of the minimum tensile and double shear loads.

Keel en

EVS-EN 3658:2008

Hind 84,00

Identne EN 3658:2008

Aerospace series - Tube bend radii, for engine application - Design standard

This standard provides details of bend radii used in the manufacture of rigid tubes. It also provides details of the minimum length of straight permissible between such radii during manufacture. This standard applies to rigid tubes conforming to EN 3717 and produced only in ASD materials.

Keel en

EVS-EN 3781:2008

Hind 104,00

Identne EN 3781:2008

Aerospace series - Grooves for spiral wound retaining rings - Design standard

This standard defines the groove dimensions for retaining rings. It is applicable for rings as per MA4016 for use on external grooves and rings as per MA4017 for use on internal grooves.

Keel en

EVS-EN 4075:2008

Hind 84,00

Identne EN 4075:2008

Aerospace series - Screws, pan head, offset cruciform recess, threaded to head, in corrosion resisting steel, passivated - Classification: 490 MPa (at ambient temperature) / 425 °C

This standard specifies the characteristics of screws, pan head, offset cruciform recess, threaded to head, in corrosion resisting steel, passivated, metric.

Classification: 490 MPa 1) / 425 °C 2)

Keel en

EVS-EN 4302:2008

Hind 84,00

Identne EN 4302:2008

Aerospace series - Open ring insert tool, square drive

This standard specifies the characteristics of open ring insert tools for splined nuts for aerospace applications.

Keel en

EVS-EN 4355:2008

Hind 73,00

Identne EN 4355:2008

Aerospace series - Six lobe recess - Drivers, socket

This standard specifies the characteristics of drivers, socket, six lobe recess, for aerospace applications.

Keel en

KAVANDITE ARVAMUSKÜSITLUS**EN 3733-006**

Identne EN 3733-006:2008

Tähtaeg 30.07.2008

Aerospace series - Connector, optical, circular, single channel, coupled by self-locking ring, operating temperature 150 °C continuous - Part 006: Receptacle, connector, jam nut fixing for cable according to EN 4532, product standard

This standard specifies the characteristics of receptacle connectors with two hole fixing in the family of circular single channel fibre optic connectors incorporating ferrules for aerospace series single core optical cable in accordance with EN 4532. Connector interface dimensions, table of tests and qualification approval requirements, are contained in the Technical Specification EN 3733-001. EN 3733-002, List of product standards, includes the listings of product types, codification and applicable combinations of product types.

Keel en

prEN 2115

Identne prEN 2115:2008

Tähtaeg 29.08.2008

Aerospace series - Aluminium alloy 2117-T42 - Wire for solid rivets - D ≤ 10 mm

This standard specifies the requirements relating to: Aluminium alloy 2117-T42 Wire for solid rivets D ≤ 10 mm for aerospace applications.

Keel en

prEN 2116

Identne prEN 2116:2008

Tähtaeg 29.08.2008

Aerospace series - Aluminium alloy 2017A-T42 - Wire for solid rivets - D ≤ 10 mm

This standard specifies the requirements relating to: Aluminium alloy 2017A-T42 Wire for solid rivets D ≤ 10 mm for aerospace applications.

Keel en

prEN 2117

Identne prEN 2117:2008

Tähtaeg 29.08.2008

Aerospace series - Aluminium alloy AL-P5056A (5056A)-H32 - Wire for solid rivets - D ≤ 10 mm

This standard specifies the requirements relating to: Aluminium alloy AL-P5056A (5056A)-H32 Wire for solid rivets D ≤ 10 mm for aerospace applications.

Keel en

prEN 2205

Identne prEN 2205:2008

Tähtaeg 29.08.2008

Aerospace series - Steel FE-PL1502 (25CrMo4) - 900 MPa ≤ Rm ≤ 1 100 MPa - Bars - De ≤ 40 mm

This standard specifies the requirements relating to: Steel FE-PL1502 (25CrMo4) 900 MPa ≤ Rm ≤ 1 100 MPa Bars De ≤ 40 mm for aerospace applications.

Keel en

prEN 2206

Identne prEN 2206:2008

Tähtaeg 29.08.2008

Aerospace series - Steel FE-PL1502 (25CrMo4) - 650 MPa ≤ Rm ≤ 850 MPa - Bars - De ≤ 150 mm

This standard specifies the requirements relating to: Steel FE-PL1502 (25CrMo4) 650 MPa ≤ Rm ≤ 850 MPa Bars De ≤ 150 mm for aerospace applications.

Keel en

prEN 2209

Identne prEN 2209:2008

Tähtaeg 29.08.2008

Aerospace series - Steel FE-PL1502 (25CrMo4) - 900 MPa ≤ Rm ≤ 1 100 MPa - Sheets, strips and plates - 0,5 mm ≤ a ≤ 20 mm

This standard specifies the requirements relating to: Steel FE-PL1502 (25CrMo4) 900 MPa ≤ Rm ≤ 1 100 MPa Sheets, strips and plates 0,5 mm ≤ a ≤ 20 mm for aerospace applications.

Keel en

prEN 2438

Identne prEN 2438:2008

Tähtaeg 29.08.2008

Aerospace series - Steel FE-PL2102 (35NiCr6) - 900 MPa ≤ Rm ≤ 1 100 MPa - Bars - De ≤ 40 mm

This standard specifies the requirements relating to: Steel FE-PL2102 (35NiCr6) 900 MPa ≤ Rm ≤ 1 100 MPa Bars De ≤ 40 mm for aerospace applications.

Keel en

prEN 3373-010

Identne prEN 3373-010:2008

Tähtaeg 30.07.2008

Aerospace series - Terminal lugs and in-line splices for crimping on electric conductors - Part 010:**Terminal lugs, ring shaped, tin plated, for crimping on copper conductors, temperature up to 150 °C for metric and inch stud series - Product standard**

This standard defines the characteristics of tin plated copper ring shaped terminals for crimping on copper conductors. They are for use on both metric and inch dimension studs at temperatures up to 150 °C maximum. This standard should be used in conjunction with EN 3373-001.

Keel en

prEN 3373-011

Identne prEN 3373-011:2008

Tähtaeg 30.07.2008

Aerospace series - Terminal lugs and in-line splices for crimping on electric conductors - Part 011:**Terminal lugs, ring shaped, nickel plated, for crimping on copper conductors, temperature up to 260 °C for metric and inch stud series - Product standard**

This standard defines the characteristics of nickel plated copper ring shaped terminals for crimping on nickel plated copper conductors. They are for use on both metric and inch dimension studs at temperatures up to 260 °C maximum. This standard should be used in conjunction with EN 3373-001.

Keel en

prEN 3375-009

Identne prEN 3375-009:2008

Tähtaeg 30.07.2008

Aerospace series - Cable, electrical, for digital data transmission - Part 009: Single braid - CAN Bus - 120 Ohms - Type WX - Product standard

This standard specifies the required characteristics of single braid, 120 Ohms, size 26, electrical cable type WX, intended for digital data transmissions. It shall be used together with EN 3375-001.

Keel en

prEN 3475-802

Identne prEN 3475-802:2008

Tähtaeg 30.07.2008

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 802: Capacitance unbalance

This standard specifies a method for measuring the capacitance unbalance for digital data transmission cable (within a pair or quad). It shall be used together with EN 3475-100.

Keel en

prEN 3475-809

Identne prEN 3475-809:2008

Tähtaeg 30.07.2008

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 809: Resistance unbalance

This standard specifies methods for measuring resistance unbalance for digital data transmission cable. It shall be used together with EN 3475-100.

Keel en

prEN 3475-810

Identne prEN 3475-810:2008

Tähtaeg 30.07.2008

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 810: Structural return loss

This standard specifies methods for measuring structural return loss for digital data transmission cable. It shall be used together with EN 3475-100.

Keel en

prEN 3987

Identne prEN 3987:2008

Tähtaeg 30.07.2008

Aerospace series - Test methods for metallic materials - Constant amplitude force-controlled high cycle fatigue testing

This standard applies to constant amplitude force-controlled high cycle fatigue (HCF) testing of metallic materials governed by EN Aerospace standards. It defines the mechanical properties that may need to be determined, the equipment, test pieces, methodology of test and presentation of results. It applies to uniaxially loaded tests carried out on plain or notched test pieces at ambient and elevated temperatures. It is not intended to cover the testing of more complex test pieces, full scale components or structures, although the methodology could well be adopted to provide for such tests. The purpose of this document is to ensure the compatibility and reproducibility of test results. It does not cover the evaluation or interpretation of results.

Keel en

prEN 4372

Identne prEN 4372:2008

Tähtaeg 30.07.2008

Aerospace series - Heat resisting nickel alloy with copper NI-PD9001 (NiCu31) - Wire for solid rivets - D ≤ 10 mm

This standard specifies the requirements relating to: Heat resisting nickel alloy with copper NI-PD9001 (NiCu31) Wire for solid rivets D ≤ 10 mm for aerospace applications.

Keel en

prEN 4528

Identne prEN 4528:2008

Tähtaeg 30.07.2008

Aerospace series - Steel FE-PA3903 (X10CrNi18-8) - Cold rolled - Strip for springs - a ≤ 3 mm - 1 250 MPa ≤ Rm ≤ 1 640 MPa

This standard specifies the requirements relating to: Steel FE-PA3903 (X10CrNi18-8) Cold rolled Strip for springs a ≤ 3 mm 1 250 MPa ≤ Rm ≤ 1 640 MPa for aerospace applications.

Keel en

prEN 4640-001

Identne prEN 4640-001:2008

Tähtaeg 30.07.2008

Aerospace series - Connectors, optical, rectangular, rack and panel, multicontact, 1,25 diameter ferrule, with removable alignment sleeve holder - Part 001: Technical specification

This standard specifies the general characteristics, the conditions for qualification, acceptance and quality assurance, as well as the test programs and groups for rectangular multipin fibre optic connectors.

Keel en

prEN 4640-002

Identne prEN 4640-002:2008

Tähtaeg 30.07.2008

Aerospace series - Connectors, optical, rectangular, rack and panel, multicontact, 1,25 diameter ferrule, with removable alignment sleeve holder - Part 002: List of product standards

This standard defines the performance and contact arrangements of ARINC Specification 600 rectangular rack and panel optical connectors.

Keel en

prEN 4642

Identne prEN 4642:2008

Tähtaeg 30.07.2008

Aerospace series - Steel FE-PM 3504 (X4CrNiMo16-5-1) - Air melted - Hardened and tempered - Sheet and plate - 0,6 mm ≤ a ≤ 50 mm - 900 MPa ≤ Rm ≤ 1 050 Mpa

This standard specifies the requirements relating to: Steel FE-PM 3504 (X4CrNiMo16-5-1) Air melted Hardened and tempered Sheet and plate 0,6 mm ≤ a ≤ 50 mm 900 MPa ≤ Rm ≤ 1 050 MPa for aerospace applications.

Keel en

prEN 9104-003

Identne prEN 9104-003:2008

Tähtaeg 30.07.2008

Aerospace series - Quality management systems - Part 003: Requirements for Aerospace Quality Management System (AQMS) Auditor Training and Qualification

This document provides the minimum requirements (Body of Knowledge) for AQMS Auditors who will participate in AQMS Certification/registration activities including Auditor Authentication process and for training organization. It is applicable to auditors seeking formal approval to conduct audits of the AQMS systems under the IAQG and those who manage the competency element of an AQMS audit program and to training organizations.

Keel en

prEN 9121 rev

Identne prEN 9121:2008

ja identne ISO 9001:2000

Tähtaeg 30.07.2008

Aerospace series - Quality management systems - Assessment applicable to stockist distributors

The scope of this document is to define the content and the presentation of the Assessment Report of the section 1 of EN 9100 standard (based on ISO 9001:2000).

Keel en

Asendab EVS-EN 9121:2006

53 TÕSTE- JA TEISALDUS-SEADMED

UUED STANDARDID

EVS-EN 818-1:1999+A1:2008

Hind 151,00

Identne EN 818-1:1996+A1:2008

Lühikeste lülidega tõstekett. Ohutus. Osa 1: Tehnilistele tingimustele vastavuse põhitingimused KONSOLIDEERITUD TEKST

This part of EN 818 specifies the general conditions of acceptance related to safety for electrically welded round steel short link chain for lifting purposes. It includes: a) medium tolerance chain for use in chain slings and for general lifting service and; b) fine tolerance chain for use with hoists and other similar lifting appliances. The hazards covered by this Part of EN 818 are identified in clause 4. Annex C gives proposals for clauses covering inspection, inspection marking and steel makers cast analysis which may be included in a form of contract.

Keel en

Asendab EVS-EN 818-1:1999

EVS-EN 818-2:1999+A1:2008

Hind 141,00

Identne EN 818-2:1996+A1:2008

Lühikeste lülidega tõstekett. Ohutus. Osa 2: Keskmise tolerantsiga kett tõstetroppide valmistamiseks. Klass 8 KONSOLIDEERITUD TEKST

This part of EN 818 specifies the requirements related to safety for short link chains, grade 8, of medium tolerance for use in chain slings according to EN 818-4:1996+A1 and for general lifting purposes. They are electrically welded round steel short link chains, heat treated and tested and complying with the general conditions of acceptance in EN 818-1:1996+A1. The range of nominal sizes of chain covered by this Part of EN 818 is from 4 mm to 45 mm. The hazards covered by this Part of EN 818 are identified in clause 4. The bases for calculation of tabulated values for dimensions, working load limits and mechanical properties are given in annex A. Annex B gives information on weight/metre of chain. Annex C gives an example of a designation system for chains.

Keel en

Asendab EVS-EN 818-2:1999

EVS-EN 818-3:1999+A1:2008

Hind 151,00

Identne EN 818-3:1999+A1:2008

Lühikeste lülidega tõstekett. Ohutus. Osa 3: Keskmise tolerantsiga kett tõstetroppide valmistamiseks. Klass 4 KONSOLIDEERITUD TEKST

This part of EN 818 specifies the requirements related to safety for short link chains, grade 4, of medium tolerance for use in chain slings to EN 818-4:1996+A1 and for general lifting purposes. The standard is applicable to electrically welded round steel short link chains, conforming to EN 818-1:1996+A1, which are intended for lifting objects, materials or goods. The range of nominal sizes of chain covered by this Part of EN 818 is from 7 mm to 45 mm. The hazards covered by this Part of EN 818 are identified in clause 4. Annex A contains the bases for calculation of tabulated values for dimensions, working load limits and mechanical properties. Annex B gives information on the mass/metre of chain. Annex C gives an example of a designation system for chains of grade 4. Annex ZA gives the relationship with EU Directives.

Keel en

Asendab EVS-EN 818-3:1999

EVS-EN 818-4:1999+A1:2008

Hind 171,00

Identne EN 818-4:1996+A1:2008

Lühikeste lülidega tõstekett. Ohutus. Osa 4: Tõstetropid. Klass 8 KONSOLIDEERITUD TEKST

This European Standard specifies the requirements related to safety, methods of rating and testing of single-, two-, three-, four-leg and endless chain slings assembled by: a) mechanical joining devices; b) welding using short link grade 8 medium tolerance lifting chain conforming to EN 818-2 together with the appropriate range of components of the same grade. Deleted text" The hazards covered by this European Standard are identified in clause 4. Bases for the calculation of working load limits are given in annex B. Annex C gives an example of a designation system for chain slings.

Keel en

Asendab EVS-EN 818-4:1999

EVS-EN 818-5:1999+A1:2008

Hind 162,00

Identne EN 818-5:1999+A1:2008

Lühikeste lülidega tõstekett. Ohutus. Osa 5: Tõstetropid. Klass 4 KONSOLIDEERITUD TEKST

This Part of EN 818 specifies the requirements related to safety, methods of rating and testing of single-, two-, three-, four-leg and endless chain slings, assembled by welding, using short link grade 4 medium tolerance chain conforming to EN 818-3:1999+A1 together with the appropriate range of components of the same grade in accordance with EN 1677-5:2001+A1 and -6:2001+A1. These chain slings are intended for lifting objects, materials or goods. NOTE Instructions for use and maintenance of chain slings are covered by EN 818-6:2000+A1. The hazards covered by this Part of the standard are identified in clause 4. Annex A gives an alternative method of rating and marking a chain sling for a specific lifting application. Annex B contains the bases for calculation of working load limits. Annex C gives an example of a designation system for chain slings. Annex D gives an example of identification tags for chain slings. Annexes ZA and ZB give the relationship with EU Directives.

Keel en

Asendab EVS-EN 818-5:1999

EVS-EN 818-6:2000+A1:2008

Hind 151,00

Identne 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

This Part of EN 818 specifies the information on use and maintenance to be provided by the manufacturer with chain slings conforming to EN 818-4:1996+A1 and EN 818-5:1999+A1. NOTE Certain clauses are relevant to component parts of chains and accessories conforming to EN 818-2:1996+A1, EN 818-3:1999+A1 and EN 1677. Annex A is informative, and provides some of the detailed information for use and maintenance which may be appropriate. The hazards covered by this Part of EN 818 are identified in clause 4.

Keel en

Asendab EVS-EN 818-6:2000

EVS-EN 818-7:2002+A1:2008

Hind 190,00

Identne EN 818-7:2002+A1:2008

Lühikeste lülidega tõstekett. Ohutus. Osa 7: Peene tolerantsiga tõstekett, Klass T (tüübid T, DAT ja DT) KONSOLIDEERITUD TEKST

This European Standard specifies the requirements related to safety for hoist chain, Grade T (type T quenched and tempered and types DAT and DT case hardened), for use in serial chain hoists manual and power driven. Type DAT and type DT hoist chains possess surface hardnesses greater than core hardness and are used for power driven chain hoists to offer greater resistance to wear. Type DT hoist chain differs from DAT hoist chain in having higher surface hardness and/or greater case depth to optimise wear resistance. The standard is applicable to electrically welded round steel short link hoist chains conforming to EN 818-1. The range of nominal size of hoist chains covered by this European Standard is from 4 mm to 22 mm. The hazards covered by this European Standard are identified in clause 4.

Keel en

Asendab EVS-EN 818-7:2002

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 818-2:1999**

Identne EN 818-2:1996

Lühikeste lülidega tõstekett. Ohutus. Osa 2: Keskmise tolerantsiga kett tõstetroppide valmistamiseks. Klass 8

See standardi EN 818 osa määrab kindlaks tõstetroppides ja üldistel tõstmisotstarvetel kasutatavate, 8. klassi lühilüliliste miinumtolerantsiga tõstekettide ohutusnõuded. Need on ümarterasest elekterkeevitusega valmistatud lühilülilised tõsteketid, mis on termotöödeldud, mida on katsetatud ning mis vastavad eelstandardis prEN 818-1 toodud üldistele vastuvõtutingimustele. Standardi EN 818 see osa hõlmab tõstekette nimimõõtmetega 4÷45 mm.

Keel en

Asendatud EVS-EN 818-2:1999+A1:2008

EVS-EN 818-3:1999

Identne EN 818-3:1999

Lühikeste lülidega tõstekett. Ohutus. Osa 3: Keskmise tolerantsiga kett tõstetroppide valmistamiseks. Klass 4

This part of EN 818 specifies the requirements related to safety for short link lifting chains, Grade 4, of medium tolerance for use in chain slings and for general lifting purposes.

Keel en

Asendatud EVS-EN 818-3:1999+A1:2008

EVS-EN 818-4:1999

Identne EN 818-4:1996

Lühikeste lülidega tõstekett. Ohutus. Osa 4: Tõstetroppid. Klass 8

See Euroopa standardi osa määrab kindlaks nõuded, mis on seotud ühe-, kahe-, kolme-, neljajahulisest ja otsteta tõsteketist valmistatud tõstetroppi ohutuse, hindamis- ja katsemeetoditega, kui tõstetropp on valmistatud: a) mehaaniliselt ühendatud lülidest; b) keevitamisega, kasutades lühilülilist eelstandardi prEN 818 osa 2 nõuetele vastavat keskmise tolerantsiga 8. klassi tõsteketti koos sobivate samasse klassi kuuluvate koostisosadega.

Keel en

Asendatud EVS-EN 818-4:1999+A1:2008

EVS-EN 818-5:1999

Identne EN 818-5:1999

Lühikeste lülidega tõstekett. Ohutus. Osa 5: Tõstetroppid. Klass 4

This part of EN 818 specifies the requirements related to safety, methods of rating and testing of single-, two-, three-, four-leg and endless chain slings, assembled by welding, using short link grade 4 medium tolerance lifting chain conforming to prEN 818-3 together with the appropriate range of components of the same grade.

Keel en

Asendatud EVS-EN 818-5:1999+A1:2008

EVS-EN 818-6:2000

Identne EN 818-6:2000

Lühikeste lülidega tõstekett. Ohutus. Osa 6: Kett-tropid. Tootja poolt kasutamise ja korrashoiu kohta esitatava informatsiooni spetsifikatsioon

This part of EN 818 specifies the information on use and maintenance to be provided by the manufacturer with chain slings conforming to EN 818-4 and 818-5.

Keel en

Asendatud EVS-EN 818-6:2000+A1:2008

EVS-EN 818-7:2002

Identne EN 818-7:2002

Lühikeste lülidega tõstekett. Ohutus. Osa 7: Peene tolerantsiga tõstekett, Klass T (tüübid T, DAT ja DT)

This European Standard specifies the requirements related to safety for hoist chain, Grade T (type T quenched and tempered and types DAT and DT case hardened), for use in serial chain hoists manual and power driven. Type DAT and type DT chains possess surface hardnesses greater than core hardness and are used for power driven chain hoists to offer greater resistance to wear. Type DT chain differs from DAT hoist chain in having higher surface hardness and/or greater case depth to optimise wear resistance.

Keel en

Asendatud EVS-EN 818-7:2002+A1:2008

EVS-EN 818-1:1999

Identne EN 818-1:1996

Lühikeste lülidega tõstekett. Ohutus. Osa 1: Tehnilistele tingimustele vastavuse põhitingimused

Standardi EN 818 see osa määrab kindlaks ümarterasest elekterkeevitusega valmistatud, tõstmisotstarbel kasutatavate lühilüliliste kettide ohutusega seotud põhinõuded, mis on nõutavad kettide vastavuseks tehnilistele tingimustele. Standard käsitleb keskmise tolerantsiga kette, mida kasutatakse tõstetroppidena või üldistel tõstmisotstarvetel, ning väikese tolerantsiga kette, mida kasutatakse tõstukite ja muude samalaadsete tõsteseadmete puhul.

Keel en

Asendatud EVS-EN 818-1:1999+A1:2008

KAVANDITE ARVAMUSKÜSITLUS

EN 474-2:2007/prA1

Identne EN 474-2:2006/prA1:2008

Tähtaeg 30.07.2008

Mullatöömasinad. Ohutus. Osa 2: Buldooseritele esitatavad nõuded

This part of EN 474 deals with all significant hazards, hazardous situations and events relevant to wheel and crawler tractor-dozers as defined in EN ISO 6165:2002, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4).

Keel en

EN 474-11:2007/prA1

Identne EN 474-11:2006/prA1:2008

Tähtaeg 30.07.2008

Mullatöömasinad. Ohutus. Osa 11: Mulla- ja jäätmetihendusmasinatele esitatavad nõuded

This part of EN 474 deals with all significant hazards, hazardous situations and events relevant to earth and landfill compactors as defined in EN ISO 6165:2006, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). Other compactors such as roller compactors, rammer compactors and vibratory plates, which are dealt with in EN 500-1:2006 and EN 500-4:2006 are not covered in EN 474.

Keel en

EN 474-12:2007/prA1

Identne EN 474-12:2006/prA1:2008

Tähtaeg 30.07.2008

Mullatöömasinad. Ohutus. Osa 12: Nõuded kaabelekskavaatoritele

This part of prEN 474 deals with all significant hazards, hazardous situations and events relevant to cable excavators as defined in EN ISO 6165:2002, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4).

Keel en

EN 1493:1999/prA1

Identne EN 1493:1998/prA1:2008

Tähtaeg 30.07.2008

Sõidukitõstukid

See standard kehtib statsionaarsete, teisaldatavate ja liikurtõstukite kohta, mis ei ole ette nähtud inimeste tõstmiseks, kuid mis on konstrueeritud kogu sõiduki ülestõstmiseks eesmärgiga uurida sõidukeid ja töötada sõidukite all või peal sel ajal, mil sõidukid on üles tõstetud. Sõidukitõstuk võib koosneda ühest või enamast tõsteüksusest.

Keel en

EN 1494:2001/prA1

Identne EN 1494:2000/prA1:2008

Tähtaeg 30.07.2008

Mobiilsed või liikuvtungraud ja nendega seotud tõsteseadmed

This standard specifies technical safety requirements and measures for mobile or movable jacks and associated lifting equipment.

Keel en

EN 13411-2:2002/prA1

Identne EN 13411-2:2001/prA1:2008

Tähtaeg 29.08.2008

Terastraadist trosside otsmuhvid. Ohutus. Osa 2: Terastraadist trosside troppide avade jätkamine

This standard specifies minimum requirements for the splicing of eye terminations for six or eight stranded steel wire ropes of up to 60 mm diameter complying with prEN 12385-4 used for slings to ensure that the spliced eye is strong enough to withstand a force at least 80% of the minimum breaking load of the rope.

Keel en

EN 13411-1:2002/prA1

Identne EN 13411-1:2002/prA1:2008

Tähtaeg 29.08.2008

Terastraadist trosside otsmuhvid. Ohutus. Osa 1: Terastraadist trosside troppide ühendusmuhvid

This standard specifies the minimum requirements for non welded general purpose steel thimbles. The thimbles are intended to be used in slings made with six or eight strand steel wire ropes from 8 mm to 60 mm diameter complying with EN 12385-4.

Keel en

EN 13510:2000/prA1

Identne EN 13510:2000/prA1:2008

ja identne ISO 3471:1994 + A1:1997

Tähtaeg 30.07.2008

Mullatöömasinad. Ümberkukkumise puhul kaitsvad konstruktsioonid. Laborikatsed ja jõudlusnõuded (ISO 3471:1994, kaasa arvatud parandus 1:1997)

This European Standard establishes a consistent and reproducible means of evaluating the load-carrying characteristics of Roll-Over Protective Structures (ROPS) under static loading, and prescribes performance requirements for a representative specimen under such loading.

Keel en

EN 13531:2002/prA1

Identne EN 13531:2001/prA1:2008

ja identne ISO 12117:1997

Tähtaeg 30.07.2008

Mullatöömasinad . Ümberkukkumise puhul kaitsev turvakabiin (TOPS) kompaktekskavaatoritele.**Laborikatsed ja jõudlusnõuded**

This European Standard establishes a consistent and reproducible means of evaluating the load-carrying characteristics of tip-over protective structures (TOPS) under static loading, and prescribes performance requirements of a representative specimen under such loading. It applies to TOPS of compact excavators (as defined in ISO 6165) with swing type boom, having an operating mass of 1 000 kg to 6 000 kg.

Keel en

EN 15095:2007/prA1

Identne EN 15095:2007/prA1:2008

Tähtaeg 30.07.2008

Elektriga töötavad riulid ja alused, karussellsüsteemid ja tõsteliftid. Ohutusnõuded

This European Standard deals with the safety requirements for the following types of power-operated storage equipment:- storage carousels; - storage lifts; - mobile shelving, pallet racking and cantilever racking with the objective of eliminating or minimising the hazards described in Clause 4. These hazards can arise during installation, starting up, operation, maintenance, testing and dismantling of the equipment. It is essential that the safety requirements and/or measures taken in this standard be applied to storage equipment which operates indoors. Under difficult conditions, it is essential that additional hazard analysis and safety measures be taken into account, e. g. outdoor conditions, freezer applications, high temperatures, corrosive environment, strong magnetic fields, risk of explosive atmosphere, radioactive conditions, storage goods which due to their nature could generate hazardous situations (e. g. molten metal, acids/alkalis, fragile goods or explosives), effects of earthquakes and also contact with food. 1.3 Examples of power-operated storage equipment to which this standard applies are shown in Annex A.

Keel en

prEN 1570

Identne prEN 1570:2008

Tähtaeg 30.07.2008

Tõstelaudade ohutusnõuded

1.1 This European Standard specifies the safety requirements for lifting tables for raising and/or lowering goods and/or persons. 1.2 This European Standard deals with all significant hazards pertinent to lifting tables when they are used as intended and under the conditions foreseen by the manufacturer (see Clause 4). This European Standard specifies the appropriate technical measures to eliminate or reduce the risks arising from the significant hazards. 1.3 Both power operated and manually operated lifting tables are included whether stationary or mobile. 1.4 This European Standard does not apply to the following equipment: - permanently and temporarily installed lifting tables, serving specific levels of a building for lifting persons, with a vertical travel speed exceeding 0,15 m/s (EN 81-1 and EN 81-2); - lifting tables whose vertical travel speed exceeds 0,15 m/s (unless safe by position and non person carrying); - power operated lifting platforms for persons with impaired mobility (prEN 81-40 and prEN 81-41); - mobile lifting tables for airport ground support equipment (EN 5-1/-2/-3/-4, EN 1915-2 and EN 12312-1-20); - lifting tables which are designed as part of a lift according to directive (95/16/EC); - lifting tables used on ships; - mobile elevating work platforms (EN 280); - static elevating work platforms; - vehicle lifts for maintenance (EN 1493); - mobile lifting tables used for fire fighting (EN 1777); - mobile lifting tables used as fork lift trucks and order pickers; - mobile lifting tables with a horizontal travelling speed of more than 1,6 m/s; - rail dependent storage and retrieval equipment (EN 528); - theatre stage lifts; - scissor lift pallet trucks (EN 1757-4); - suspended lifting tables. - lifting tables operated by pushing chains 1.5 This standard does not establish the additional requirements for: - operation in severe conditions (e. g. extreme climates, freezer applications, strong magnetic fields); - operation subject to special rules (e. g. potentially explosive atmospheres, mines);- handling of loads, the nature of which could lead to dangerous situations (e. g. molten metal, acids, radiating materials, especially brittle loads); - hazards occurring during construction, transportation and disposal; - equipment installed on the load platform or replacing it; - integration into systems or other machines, control from more than two control stations, etc.; - cable-less controls; - lifting tables where the hydraulic pressure is derived directly from gas pressure; - the power supply to the lifting table by internal combustion engine.

Keel en

Asendab EVS-EN 1570:1999

prEN ISO 2860

Identne prEN ISO 2860:2008

ja identne ISO 2860:1992

Tähtaeg 30.07.2008

Mullatöömasinad. Ligipääsuavade minimaalmõõtmed

This International Standard specifies the minimum access openings on earth-moving machinery as defined in ISO 6165 for a) hand access, b) head access, c) body access, d) arm access, e) two-handed access. It provides engineers and designers with information in order that the access openings provided on equipment and machinery for purposes of inspection, adjustment and maintenance have sufficient dimensions for the intended function by personnel in the field or shop.

Keel en

Asendab EVS-EN ISO 2860:1999

prEN ISO 3164

Identne prEN ISO 3164:2008

ja identne ISO 3164:1995

Tähtaeg 30.07.2008

Mullatöömasinad. Kaitsekonstruktsioonide laboratoorne hindamine. Läbipainde piirväärtuse tehnilised andmed

This international Standard specifies the deflection-limiting volume (DLV) to be used when performing laboratory evaluations of structures which provide protection to Operators of earth-moving machinery.

Keel en

Asendab EVS-EN ISO 3164:1999

prEN ISO 3457

Identne prEN ISO 3457:2008

ja identne ISO 3457:2003

Tähtaeg 30.07.2008

Mullatöömasinad. Kaitseesadised. Mõisted ja nõuded

This International Standard defines principal terms and specifies requirements for, and characteristics of, guards and other means of protecting personnel from mechanical, fluid or thermal hazards associated with the operation and routine maintenance of earth-moving machinery as defined in ISO 6165, when used as intended by the manufacturer.

Keel en

Asendab EVS-EN ISO 3457:2004

prEN ISO 6682

Identne prEN ISO 6682:2008

ja identne ISO 6682:1986 + Amd.1:1989

Tähtaeg 30.07.2008

Mullatöömasinad. Mugavustsoonid ja juhtimisseadisteni ulatumine

Käesolev standard määratleb mugavus- ning juhtimisseadisteni ulatumise tsoonid, milles on nii suure kui ka väikesekasvulistel istuvas asendis kasutajatel võrdsed võimalused mugavalt juhtimisseadmeid käsitseda.

Keel en

Asendab EVS-EN ISO 6682:1999

prEN ISO 7096

Identne prEN ISO 7096:2008

ja identne ISO 7096:2000

Tähtaeg 30.07.2008

Mullatöömasinad. Operaatori istme vibratsiooni laboratoorne hindamine

1.1 This International Standard specifies, in accordance with ISO 10326-1, a laboratory method for measuring and evaluating the effectiveness of the seat suspension in reducing the vertical whole-body vibration transmitted to the operator of earth-moving machines at frequencies between 1 Hz and 20 Hz. It also specifies acceptance criteria for application to seats on different machines. 1.2 This International Standard is applicable to operator seats used on earth-moving machines as defined in ISO 6165. 1.3 This International Standard defines the input spectral classes required for the following earth-moving machines. Each class defines a group of machines having similar vibration characteristics: rigid frame dumpers > 4 500 kg operating mass¹ articulated frame dumpers scrapers without axle or frame suspension² wheel-loaders > 4 500 kg operating mass¹) graders wheel-dozer soil compactors (wheel type) backhoe-loaders crawler loaders crawler-dozers u 50 000 kg operating mass¹), 3 compact dumpers u 4 500 kg operating mass¹) compact loaders u 4 500 kg operating mass¹) skid-steer loaders u 4 500 kg operating mass¹) 1.4 The following machines impart sufficiently low vertical vibration inputs at frequencies between 1 Hz and 20 Hz to the seat during operation that these seats do not require suspension for the attenuation of transmitted vibration: excavators, including walking excavators and cable excavators⁴ trenchers landfill compactors non-vibratory rollers milling machines pipelayers finishers vibratory rollers^{1.5} The tests and criteria defined in this International Standard are intended for operator seats used in earth-moving machines of conventional design. 1.6 Vibration which reaches the operator other than through his seat, for example that sensed by his feet on the platform or control pedals or by his hands on the steering-wheel, is not covered.

Keel en

Asendab EVS-EN ISO 7096:2000

prEN ISO 3449

Identne prEN ISO 3449:2008

ja identne ISO 3449:2005

Tähtaeg 30.07.2008

Mullatöömasinad. Langevate objektide eest kaitsvad konstruktsioonid. Laborikatsed ja toimivus

This International Standard specifies laboratory tests for measuring the structural characteristics of, and gives performance requirements in a representative test for, falling-object protective structures (FOPS) intended for use on ride-on earth-moving machines as defined in ISO 6165. It is applicable to both FOPS supplied as an integral part of the machine and those supplied separately for attachment to the machine. It is not intended to apply to FOPS intended for use on landfill compactors, excavators, rollers, trenchers, pipelayers, for the additional seat for operation of an attachment (e.g. attachment backhoe), or on machines with a power rating of less than 15 kW.

Keel en

Asendab EVS-EN ISO 3449:2005

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

UUED STANDARDID

EVS-EN 15543:2008

Hind 123,00

Identne EN 15543:2008

Glass packaging - Finishes for bottles - Screw thread finishes for bottles for non-carbonated liquids

This European Standard specifies the dimensions of a range of screw thread finishes for the closure of bottles for beverages and other non-carbonated products, including the major sizes in use of standard and long skirt pilfer proof finishes. NOTE This finish is not suitable for liquids that are stored horizontally.

Keel en

EVS-EN 15593:2008

Hind 123,00

Identne EN 15593:2008

Packaging - Management of hygiene in the production of packaging for foodstuffs - Requirements

This European Standard specifies requirements for a hygiene management system for manufacturers and suppliers of food packaging including storage and transportation. This European Standard enables an organization to: - plan, design, implement, operate, maintain and update a hazard analysis and risk assessment system that ensures the production of food packaging materials conforming with the hygiene requirements; - demonstrate conformity with agreed customers' hygiene requirements; - demonstrate the effectiveness of the system; - help food manufacturers to provide adequate evidence to compliance with food and packaging safety regulations; - ensure that it complies with its stated hygiene policy; - demonstrate such compliance to other interested parties; - seek registration or certification of its food packaging hygiene management system by an external organization. This European Standard can be applied to all organizations wishing to implement an adequate and effective hygiene management system in the field of food packaging manufacturing including producers and suppliers of materials and services to the packaging manufacturers. It is intended that this European Standard be applied in conjunction with a quality management system such as EN ISO 9001. It may be appropriate to apply this European Standard to other articles and items coming into contact with food and to packaging of products other than food.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 61242:2001/A11:2004

Identne EN 61242:1997/A11:2004

Elektrilised lisaseadmed. Kaablrullid majapidamis- ja muuks taoliseks kasutuseks

This International Standard applies to cable reels for a.c. only, provided with a non-detachable flexible cable with a rated voltage above 50 V and not exceeding 250 V for single-phase cable reels and above 50 V and not exceeding 440 V for all other cable reels, and a rated current not exceeding 16 A.

Keel en

Asendatud EVS-EN 61242:2001/A1:2008

EVS-EN 61242:2001/A12:2006

Identne EN 61242:1997/A12:2005

Elektrilised lisaseadmed. Kaablrullid majapidamis- ja muuks taoliseks kasutuseks

This standard applies to cable reels for a.c. only, with a rated voltage above 50 V and not exceeding 250 V for single-phase cable reels and above 50 V and not exceeding 440 V for all other cable reels, and a rated current not exceeding 16 A.

Keel en

Asendatud EVS-EN 61242:2001/A1:2008

59 TEKSTIILI- JA NAHATEHNOLOOGIA

KAVANDITE ARVAMUSKÜSITLUS

EN ISO 139:2005/prA1

Identne EN ISO 139:2005/prA1:2008

ja identne ISO 139:2005/DAM 1:2008

Tähtaeg 30.07.2008

Tekstiil. Standardkeskkond konditsioneerimiseks ja testimiseks

This International Standard defines the characteristics and use of a standard atmosphere for conditioning, for determining the physical and mechanical properties of textiles and a standard alternative atmosphere that may be used if agreed between parties.

Keel en

EN ISO 9902-2:2001/prA1

Identne EN ISO 9902-2:2001/prA1:2008

ja identne ISO 9902-2:2001/DAM 1:2008

Tähtaeg 30.07.2008

Tekstiilimasinad. Mürakatsekood. Osa 2: Ketruse ettevalmistus- ja ketrusmasinad

This standard, taken together with EN ISO 9902-1, specifies the mounting, operating and measuring conditions required for the measurement, declaration and verification of noise emitted by spinning preparatory and spinning machinery.

Keel en

EN ISO 9902-3:2001/prA1

Identne EN ISO 9902-3:2001/prA1:2008

ja identne ISO 9902-3:2001/DAM 1:2008

Tähtaeg 30.07.2008

Tekstiilimasinad. Mürakatsekood. Osa 3: Mittekudumismasinad

This standard, taken together with EN ISO 9902-1, specifies the mounting, operating and measuring conditions required for the measurement, declaration and verification of noise emitted by nonwoven machinery.

Keel en

EN ISO 9902-4:2001/prA1

Identne EN ISO 9902-4:2001/prA1:2008

ja identne ISO 9902-4:2001/DAM 1:2008

Tähtaeg 30.07.2008

Tekstiilimasinad. Mürakatsekood. Osa 4: Niiditöötuse, taglasetroside ja köite valmistamise masinad

This standard, taken together with EN ISO 9902-1, specifies the mounting, operating and measuring conditions required for the measurement, declaration and verification of noise emitted by yarn processing, cordage and rope manufacturing machinery.

Keel en

EN ISO 9902-5:2001/prA1

Identne EN ISO 9902-5:2001/prA1:2008
ja identne ISO 9902-5:2001/DAM 1:2008
Tähtaeg 30.07.2008

Tekstiilimasinad. Mürakatsekood. Osa 5: Telgedel kudumise ja silmuskudumise ettevalmistusmasinad

This standard, taken together with EN ISO 9902-1, specifies the mounting, operating and measuring conditions required for the measurement, declaration and verification of noise emitted by weaving and knitting preparatory machinery.

Keel en

EN ISO 9902-6:2001/prA1

Identne EN ISO 9902-6:2001/prA1:2008
ja identne ISO 9902-6:2001/DAM 1:2008
Tähtaeg 30.07.2008

Tekstiilimasinad. Mürakatsekood. Osa 6: Riidevalmistamise masinad

This standard, taken together with EN ISO 9902-1, specifies the mounting, operating and measuring conditions required for the measurement, declaration and verification of noise emitted by fabric manufacturing machinery.

Keel en

EN ISO 9902-7:2001/prA1

Identne EN ISO 9902-7:2001/prA1:2008
ja identne ISO 9902-7:2001/DAM 1:2008
Tähtaeg 30.07.2008

Tekstiilimasinad. Mürakatsekood. Osa 7: Värvimis- ja viimistlusmasinad

This standard, taken together with EN ISO 9902-1, specifies the mounting, operating and measuring conditions required for the measurement, declaration and verification of noise emitted by dyeing and finishing machines.

Keel en

EN ISO 9902-1:2001/prA1

Identne EN ISO 9902-1:2001/prA1:2008
ja identne ISO 9902-1:2001/DAM 1:2008
Tähtaeg 30.07.2008

Tekstiilimasinad. Mürakatsekood. Osa 1: Ühtsed nõuded

This standard gives requirements for carrying out efficiently and under standardized conditions the determination, declaration and verification of basic noise emission quantities common to the types of textile machinery dealt with in EN ISO 9902-2 to EN ISO 9902-7. It specifies noise measurement methods, as well as the mounting and operation conditions, to be used for the test code.

Keel en

EN ISO 11111-1:2005/prA1

Identne EN ISO 11111:2005/prA1:2008
ja identne ISO 11111-1:2005/DAM 1:2008
Tähtaeg 30.07.2008

Tekstiilimasinad. Ohutusnõuded. Osa 1: Ühtsed nõuded

This part of ISO 11111 specifies safety requirements for frequently occurring hazards common to the types of textile machinery and the hazards of certain machine elements covered by ISO 11111-2 to ISO 11111-7.

Keel en

EN ISO 11111-2:2005/prA1

Identne EN ISO 11111-2:2005/prA1:2008
ja identne ISO 11111-2:2005/DAM 1:2008
Tähtaeg 30.07.2008

Tekstiilimasinad. Ohutusnõuded. Osa 2: Kudumist ettevalmistavad ja kudumismasinad

This part of ISO 11111 is intended to be used in conjunction with ISO 11111-1. It specifies significant hazards and corresponding safety requirements and/or measures for spinning preparatory and spinning machinery. By taking into account the scope of ISO 11111-1 as far as is relevant, this part of ISO 11111 is applicable to all machinery, plant and related equipment intended to be used for opening, cleaning, blending, wool scouring, baling, carding, tow cutting and stretch breaking spinning, preparation subsequent to carding and spinning, as specified in Clause 5.

Keel en

EN ISO 11111-3:2005/prA1

Identne EN ISO 11111-3:2005/prA1:2008
ja identne ISO 11111-3:2005/DAM 1:2008
Tähtaeg 30.07.2008

Tekstiilimasinad. Ohutusnõuded. Osa 3: Kudumata materjali valmistamise masinad

This part of ISO 11111 is intended to be used in conjunction with ISO 11111-1, ISO 11111-2, ISO 11111-6 and ISO 11111-7. It specifies significant hazards and corresponding safety requirements and/or measures for nonwoven machinery. By taking into account the scope of ISO 11111-1 as far as is relevant, this part of ISO 11111 is applicable to all machinery, plant and related equipment intended to be used for opening, cleaning, blending, carding, needle punching, cylinder drying and batching, as specified in Clause 5.

Keel en

EN ISO 11111-4:2005/prA1

Identne EN ISO 11111-4:2005/prA1:2008
ja identne ISO 11111-4:2005/DAM 1:2008
Tähtaeg 30.07.2008

Tekstiilimasinad. Ohutusnõuded. Osa 4: Lõnga töötlemise, korrumtamise ja nõõritootmismasinad

This part of ISO 11111 is intended to be used in conjunction with ISO 11111-1. It specifies significant hazards and corresponding safety requirements and/or measures for yarn processing, cordage and rope manufacturing machinery. By taking into account the scope of ISO 11111-1 as far as is relevant, this part of ISO 11111 is applicable to all machinery, plant and related equipment intended to be used for doubling, twisting, texturing, reeling, winding, ball winding, cordage, rope manufacturing and braiding, as specified in Clause 5.

Keel en

EN ISO 11111-6:2005/prA1

Identne EN ISO 11111-6:2005/prA1:2008

ja identne ISO 11111-6:2005/DAM 1:2008

Tähtaeg 30.07.2008

Textile machinery - Safety requirements - Part 6: Fabric manufacturing machinery

This part of ISO 11111 is intended to be used in conjunction with ISO 11111-1. It specifies significant hazards and corresponding safety requirements and/or measures for preparatory machinery to weaving and knitting. By taking into account the scope of ISO 11111-1 as far as is relevant, this part of ISO 11111 is applicable to all machinery, plant and related equipment intended to be used for warping, beaming, sizing, size preparation and storage of warp beams, as specified in Clause 5.

Keel en

EN ISO 11111-5:2005/prA1

Identne EN ISO 11111-5:2005/prA1:2008

ja identne ISO 11111-5:2005/DAM 1:2008

Tähtaeg 30.07.2008

Tekstiilimasinad. Ohutusnõuded. Osa 5: Kudumistööde ettevalmistusmasinad

This part of ISO 11111 is intended to be used in conjunction with ISO 11111-1. It specifies significant hazards and corresponding safety requirements and/or measures for preparatory machinery to weaving and knitting. By taking into account the scope of ISO 11111-1 as far as is relevant, this part of ISO 11111 is applicable to all machinery, plant and related equipment intended to be used for warping, beaming, sizing, size preparation and storage of warp beams, as specified in Clause 5.

Keel en

EN ISO 11111-7:2005/prA1

Identne EN ISO 11111-7:2005/prA1:2008

ja identne ISO 11111-7:2005/DAM 1:2008

Tähtaeg 30.07.2008

Tekstiilimasinad. Ohutusnõuded. Osa 7: Värvimis- ja viimistlusmasinad

This part of ISO 11111 is intended to be used in conjunction with ISO 11111-1. It specifies significant hazards and corresponding safety requirements and/or measures for dyeing and finishing machinery. By taking into account the scope of ISO 11111-1 as far as is relevant, this part of ISO 11111 is applicable to all machinery, plant and related equipment intended to be used in preparation, dyeing, printing, fixation, wetting, drying, finishing and making-up/presentation, as specified in Clause 5.

Keel en

prEN ISO 105-B07

Identne prEN ISO 105-B07:2008

ja identne ISO/DIS 105-B07:2008

Tähtaeg 30.07.2008

Textiles - Tests for colour fastness - Part B07: Colour fastness to light of textiles wetted with artificial perspiration

This part of ISO 105 specifies a method for determining the resistance of the colour of textiles of all kinds and in all forms to the combined effect of wetting with acid or alkaline artificial perspiration solutions and an artificial light source representing natural daylight (D65).

Keel en

61 RÕIVATÖÖSTUS

KAVANDITE ARVAMUSKÜSITLUS

prEN ISO 10717

Identne prEN ISO 10717:2008

ja identne ISO/DIS 10717:2008

Tähtaeg 30.07.2008

Footwear - Test method for slide fasteners - Burst strength

This standard specifies a test method intended to assess the burst strength of a closed slide fastener for footwear. The method is applicable to all types of slide fastener.

Keel en

prEN ISO 10734

Identne prEN ISO 10734:2008

ja identne ISO/DIS 10734:2008

Tähtaeg 30.07.2008

Footwear - Test method for slide fasteners - Strength of slide fastener pullers

This standard specifies a test method intended to assess the burst strength of a closed slide fastener for footwear. The method is applicable to all types of slide fastener.

Keel en

prEN ISO 10748

Identne prEN ISO 10748:2008

ja identne ISO/DIS 10748:2008

Tähtaeg 30.07.2008

Footwear - Test method for slide fasteners - Slider locking strength

This standard specifies a test method intended to determine the locking strength of a slide fastener slider for footwear. The method is applicable to all types of slide fastener that have a slider locking device.

Keel en

prEN ISO 10749

Identne prEN ISO 10749:2008

ja identne ISO/DIS 10749:2008

Tähtaeg 30.07.2008

Footwear - Test method for slide fasteners - Resistance to damage during closure under lateral force

This standard specifies a test method intended to determine the maximum lateral force applied to a slide fastener for footwear under which it will close without failure. The method is applicable to all types of slide fastener.

Keel en

prEN ISO 10750

Identne prEN ISO 10750:2008

ja identne ISO/DIS 10750:2008

Tähtaeg 30.07.2008

Footwear - Test method for slide fasteners - Attachment strength of end stops

This standard describes a method intended to determine the attachment strength of the top and bottom stops of a slide fastener. The method is applicable to all types of slide fastener for footwear.

Keel en

prEN ISO 10751

Identne prEN ISO 10751:2008
ja identne ISO/DIS 10751:2008
Tähtaeg 30.07.2008

Footwear - Test method for slide fasteners - Resistance to repeated opening and closing

This standard describes a method intended to determine the resistance of a slide fastener to repeated opening and closing. The method is applicable to all types of slide fastener with a chain length greater than 80 mm.

Keel en

prEN ISO 10764

Identne prEN ISO 10764:2008
ja identne ISO/DIS 10764:2008
Tähtaeg 30.07.2008

Footwear - Test method for slide fasteners - Lateral strength

This standard describes a method intended to assess the lateral strength of a closed slide fastener for footwear. The method is applicable to all types of slide fastener.

Keel en

prEN ISO 10765

Identne prEN ISO 10765:2008
ja identne ISO/DIS 10765:2008
Tähtaeg 30.07.2008

Footwear - Test method for the characterization of elastic materials - Tensile performance

This European specifies a test method for determining some typical parameters of elastics for footwear using the Strength/Elongation graph, which is obtained from the tensile strength test. This method is applicable to any elastics used for footwear.

Keel en

prEN ISO 10768

Identne prEN ISO 10768:2008
ja identne ISO/DIS 10768:2008
Tähtaeg 30.07.2008

Footwear - Test method for the determination of the resistance of elastics for footwear to repeated extension - Fatigue resistance

This Standard specifies a test method for determining the resistance of elastics for footwear to repeated extension produced during normal walking. The test can be carried out before and after accelerated aging. This method is applicable to any elastics used for footwear.

Keel en

prEN ISO 17704

Identne prEN ISO 17704:2008
ja identne ISO/DIS 17704:2008
Tähtaeg 30.07.2008

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

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

Keel en

Asendab EVS-EN 13520:2002

prEN ISO 20868

Identne prEN ISO 20868:2008
ja identne ISO/DIS 20868:2008
Tähtaeg 30.07.2008

Footwear - Test methods for insoles - Abrasion resistance

This standard specifies a test method intended to assess the degree of damage to a material during mild wet abrasion. It is specifically used to imitate the scuffing action of a damp hose on footwear insoles during wear. For other types of failure other tests are recommended (e.g. piling on non-woven insoles is best assessed using the Martindale test).

Keel en

Asendab EVS-EN 12747:2000

prEN ISO 20869

Identne prEN ISO 20869:2008
ja identne ISO/DIS 20869:2008
Tähtaeg 30.07.2008

Footwear - Test methods for outsoles, insoles, lining and insocks - Water soluble content

This standard specifies a method for the determination of the water soluble contents for outsoles, insoles, lining and insocks.

Keel en

Asendab EVS-EN 12748:2000

prEN ISO 20877

Identne prEN ISO 20877:2008
ja identne ISO/DIS 20877:2008
Tähtaeg 30.07.2008

Footwear - Test methods for whole shoe - Thermal insulation

This European standard describes a method for the measurement of insulation against heat or cold of footwear.

Keel en

Asendab EVS-EN 12784:2000

65 PÖLLUMAJANDUS

KAVANDITE ARVAMUSKÜSITLUS

EN 60745-2-13:2007/FprA1

Identne EN 60745-2-13:2007/FprA1:2008
ja identne IEC 60745-2-13:2006/A1:200X
Tähtaeg 30.07.2008

Elektrimootoriga töötavate käeshoitavate tööriistade ohutus. Osa 2-13: Erinõuded kettsaagidele

This standard applies to chain saws for cutting wood and designed for use by one person. This standard does not cover chain saws designed for use in conjunction with a guide-plate and riving knife or in any other way such as with a support or as a stationary or transportable machine.

Keel en

EN 60745-2-15:2006/FprA1

Identne IEC 60745-2-15:2006/A1:200X
ja identne EN 60745-2-15:2006/FprA1:2008
Tähtaeg 30.07.2008

Käeshoitavad mootorajamiga elektritööriistad.**Ohutus. Osa 2-15: Erinõuded hekitrimmeritele**

This standard applies to hedge trimmers which are designed for use by one operator for trimming hedges and bushes, utilizing one or more linear reciprocating cutter blades. This standard is not applicable to hedge trimmers with a rotating blade.

Keel en

prCEN/TS 15790

Identne prCEN/TS 15790:2008
Tähtaeg 27.07.2008

Animal feeding stuffs - PCR typing of probiotic strains of *Saccharomyces cerevisiae* (yeast)

This Technical Specification specifies a polymerase chain reaction (PCR) methodology for the identification of *Saccharomyces cerevisiae* probiotic yeast strains. Additionally a method for the extraction of high quality DNA from yeast is suggested.

Keel en

prEN 15781

Identne prEN 15781:2008
Tähtaeg 30.07.2008

Animal feeding stuffs - Determination of maduramicin-ammonium by reversed-phase HPLC using post-column derivatisation

This European Standard specifies a high performance liquid chromatography (HPLC) method for the determination of the content of maduramicin in feeding stuffs and premixtures. The usual concentration of maduramicin in feedstuffs is 5 mg/kg, in premixtures 500 mg/kg. The limit of quantification is 2 mg/kg. The limit of detection is 0,5 mg/kg. NOTE A lower limit of quantification may be achievable but shall be validated by the user.

Keel en

prEN 15782

Identne prEN 15782:2008
Tähtaeg 30.07.2008

Animal feeding stuffs - Determination of nicarbazin - High-performance liquid chromatographic method

This European Standard specifies a method for the determination of additive use of nicarbazin in animal feeding stuffs and premixtures (maximum concentration 2,5% nicarbazin) using high performance liquid chromatography. Nicarbazin is a 1:1 equimolar mixture of 4,4'-dinitrocarbanilide (DNC) and 4,6-dimethyl-2-pyriminol (HDP). Nicarbazin is generally determined by using DNC as the target compound. In this method the DNC moiety of nicarbazin is detected. The limit of quantitation is 20 mg/kg. The limit of detection is 0,5 mg/kg NOTE A lower limit of quantitation may be achievable but shall be validated by the user.

Keel en

prEN 15784

Identne prEN 15784:2008
Tähtaeg 30.07.2008

Animal feeding stuffs - Isolation and enumeration of presumptive *Bacillus* spp.

This International Standard defines general rules for the enumeration of probiotic bacilli in feeds containing bacilli (*Bacillus* spp.) as a single micro organism, component or mixed with other micro-organisms. This method is not applicable to mineral feeds which are defined as complementary feeding stuffs composed mainly of minerals and containing at least 40% crude ash (Council Directive 79/373/EEC). There are different categories of feed samples: - Additives containing about 1010 CFU/g; - Premixtures containing about 108 CFU/g; - Feeds, meal or pellets, which contain about 106 CFU/g and include complete feeding stuffs, and milk replacers. The detection limits are 500 (5 x 10²) colony forming units per gram (CFU/g). The limits of determination are 2 x 10⁴ CFU/g.

Keel en

prEN 15785

Identne prEN 15785:2008
Tähtaeg 30.07.2008

Animal feeding stuffs - Isolation and enumeration of *Bifidobacterium* spp.

This international standard defines general rules for the enumeration of probiotic bifidobacteria in feed samples (additive, premixture and feeding stuffs) that contain bifidobacteria as a single bacterial component or in a mixture with other micro-organisms. This standard is not applicable for mineral feeds which are defined as complementary feeding stuffs composed mainly of minerals and containing at least 40% crude ash (Council Directive 79/373/EEC). There are different categories of feed samples: - Additives containing about 1010 CFU/g - Premixtures containing about 108 CFU/g - Feeds, meal or pellets which contain about 106 CFU/g and include complete feeding stuffs, and milk replacers.

Keel en

prEN 15786

Identne prEN 15786:2008
Tähtaeg 30.07.2008

Animal feeding stuffs - Isolation and enumeration of *Pediococcus* spp.

This international standard defines general rules for the enumeration of probiotic pediococci in feed samples (additive, premixture and feeding stuffs) that contain pediococci as a single bacterial component or in a mixture with other micro-organisms. This standard is not applicable for mineral feeds which are defined as complementary feeding stuffs composed mainly of minerals and containing at least 40% crude ash (Council Directive 79/373/EEC). There are different categories of feed samples: - Additives containing about 1010 CFU/g - Premixtures containing about 108 CFU/g - Feeds, meal or pellets which contain about 106 CFU/g and include complete feeding stuffs, and milk replacers.

Keel en

prEN 15787

Identne prEN 15787:2008

Tähtaeg 30.07.2008

Animal feeding stuffs - Isolation and enumeration of Lactobacillus spp.

This international standard defines general rules for the enumeration of probiotic lactobacilli in feed samples (additive, premixture and feeding stuffs) that contain lactobacilli as a single bacterial component or in a mixture with other micro-organisms. This standard is not applicable to mineral feeds which are defined as complementary feeding stuffs composed mainly of minerals and containing at least 40% crude ash (Council Directive 79/373/EEC). There are different categories of feed samples: - Additives containing about 10¹⁰ CFU/g - Premixtures containing about 10⁸ CFU/g - Feeds, meal or pellets which contain about 10⁶ CFU/g and include complete feeding stuffs and milk replacers.

Keel en

prEN 15788

Identne prEN 15788:2008

Tähtaeg 30.07.2008

Animal feeding stuffs - Isolation and enumeration of Enterococcus (E. faecium) spp.

This international standard defines general rules for the enumeration of enterococci in feed samples (additive, premixture, feeding stuffs) that contain enterococci (E. faecium) as a single micro organism component or in a mixture with other micro organisms. This standard is not applicable to mineral feeds which are defined as complementary feedingstuffs composed mainly of minerals and containing at least 40% crude ash (Council Directive 79/373/EEC). There are different categories of feed samples: - Additives containing about 10¹⁰ CFU/g; - Premixtures containing 10⁸ CFU/g; - Feeds, meal or pellets which contain about 10⁶ CFU/g comprising and include complete feeding stuffs, and milk replacers.

Keel en

prEN 15789

Identne prEN 15789:2008

Tähtaeg 30.07.2008

Animal feeding stuffs - Isolation and enumeration of yeast probiotic strains

This International Standard defines general rules for the enumeration of probiotic yeast in feed samples (additives, premixture and feeding stuffs) that contain yeast as a single micro organism component or in a mixture with other micro organisms. The standard are not applicable to mineral feeds which are defined as complementary feedingstuffs composed mainly of minerals and containing at least 40% crude ash (Council Directive 79/373/EEC). There are different categories of feed samples: - Additives which contain about 10⁹ CFU/g to 10¹⁰ CFU/g - Premixtures which contain about 10⁸ CFU/g - Feeds, meal or pellets, which contain about 10⁶ CFU/g and include complete feedingstuffs, and milk replacers.

Keel en

prEN 15791

Identne prEN 15791:2008

Tähtaeg 30.07.2008

Foodstuffs - Determination of Deoxynivalenol in animal feed - HPLC method with immunoaffinity column clean-up

This method is used for the determination of deoxynivalenol (DON) in animal feed at concentrations above 150 µg/kg. The method is applicable up to 16000 µg/kg.

Keel en

prEN 15792

Identne prEN 15792:2008

Tähtaeg 30.07.2008

Animal feeding stuffs - Determination of zearalenone in animal feed - High performance liquid chromatographic method with fluorescence detection and immunoaffinity column clean-up

This draft European Standard is applicable to the determination of zearalenone in animal feed at concentrations above 30 µg/kg.

Keel en

prEN ISO 14183

Identne prEN 14183:2008

ja identne ISO 14183:2005

Tähtaeg 30.07.2008

Animal feeding stuffs - Determination of monensin, narasin and salinomycin contents - Liquid chromatographic method using post-column derivatization

This International Standard specifies a high-performance liquid chromatographic (HPLC) method for the determination of the monensin, narasin and salinomycin contents of animal feeding stuffs, supplements (dry and liquid) and mineral premixtures. The method is not applicable to drug premixes (pharmaceutical products). Lasalocid and semduramicin cannot be determined by this method. The limit of quantitation is approximately 1 mg/kg, 2 mg/kg and 2 mg/kg for monensin, salinomycin and narasin, respectively. A lower limit of quantitation can be achievable but this is to be validated by the user.

Keel en

67 TOIDUAINETE TEHNOLOOGIA

UUED STANDARDID

EVS-EN 15593:2008

Hind 123,00

Identne EN 15593:2008

Packaging - Management of hygiene in the production of packaging for foodstuffs - Requirements

This European Standard specifies requirements for a hygiene management system for manufacturers and suppliers of food packaging including storage and transportation. This European Standard enables an organization to: - plan, design, implement, operate, maintain and update a hazard analysis and risk assessment system that ensures the production of food packaging materials conforming with the hygiene requirements; - demonstrate conformity with agreed customers' hygiene requirements; - demonstrate the effectiveness of the system; - help food manufacturers to provide adequate evidence to compliance with food and packaging safety regulations; - ensure that it complies with its stated hygiene policy; - demonstrate such compliance to other interested parties; - seek registration or certification of its food packaging hygiene management system by an external organization. This European Standard can be applied to all organizations wishing to implement an adequate and effective hygiene management system in the field of food packaging manufacturing including producers and suppliers of materials and services to the packaging manufacturers. It is intended that this European Standard be applied in conjunction with a quality management system such as EN ISO 9001. It may be appropriate to apply this European Standard to other articles and items coming into contact with food and to packaging of products other than food.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

EN 13951:2003/prA1

Identne EN 13951:2003/prA1:2008

Tähtaeg 30.07.2008

Vedelikupumbad. Ohutusnõuded. PõlluMajanduslikud toiduained. Hügieenilise kasutamise tagamiseks vajalikud konstruktsiooninõuded

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

Keel en

75 NAFTA JA NAFTATEHNOLOOGIA

UUED STANDARDID

EVS-EN 12662:2008

Hind 104,00

Identne EN 12662:2008

Liquid petroleum products - Determination of contamination in middle distillates

This European Standard specifies a method for determining contamination as the content of undissolved substances in middle distillates containing up to 5 % (V/V) fatty acid methyl esters (FAME) and in 100 % (V/V) FAME. This method can be applied for contaminant content from 6 mg/kg to 30 mg/kg. NOTE 1 Excessive contamination in a fuel system can give rise to premature blocking of filters and / or hardware failure, and is therefore undesirable. This standard applies to liquid petroleum products having a kinematic viscosity not exceeding 8 mm²/s at 20 °C, or 5 mm²/s at 40 °C, e.g. diesel fuel as specified in EN 590 [1] or light fuel oils. Although the test method precision has not been defined, the method described may also be used for blends containing more than 5% (V/V) FAME and for petroleum products having a viscosity exceeding the above. NOTE 2 For the purposes of this European Standard, the term "% (V/V)" is used to represent the volume fraction. WARNING — Use of this standard may involve hazardous materials, operations and equipment. This standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and to determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 12662:2000

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 12662:2000

Identne EN 12662:1998

Liquid petroleum products - Determination of contamination in middle distillates

This European Standard specifies a method for determining contamination as the content of undissolved substances in middle distillates, expressed as a mass fraction in milligrams/kilogram.

Keel en

Asendatud EVS-EN 12662:2008

KAVANDITE ARVAMUSKÜSITLUS

prEN 14214

Identne prEN 14214:2008

Tähtaeg 30.07.2008

Autokütused. Rasvhapete metüülestrid (FAME) diiselmootorite jaoks. Nõuded ja katsemeetodid

This European Standard specifies requirements and test methods for marketed and delivered fatty acid methyl esters (FAME) to be used either as automotive fuel for diesel engines at 100 % concentration, or as an extender for automotive fuel for diesel engines in accordance with the requirements of EN 590. At 100 % concentration it is applicable to fuel for use in diesel engine vehicles designed or subsequently adapted to run on 100 % FAME.

Keel en

Asendab EVS-EN 14214:2004

prEN 15692

Identne prEN 15692:2008

Tähtaeg 30.07.2008

Ethanol as a blending component for gasoline - Determination of water content - Karl Fischer potentiometric titration method

This European standard specifies a method for the direct determination of water in ethanol to be used in gasoline blends. It is applicable in the range 0,04 % (m/m) to 0,540 % (m/m).

Keel en

77 METALLURGIA

UUED STANDARDID

EVS-EN 485-1:2008

Hind 132,00

Identne EN 485-1:2008

Alumiinium ja alumiiniumisulamid. Lehed, ribad ja plaadid. Osa 1: Tehnilised kontrolli- ja tarnetingimused

This document specifies the technical conditions for inspection and delivery of wrought aluminium and wrought aluminium alloy sheet, strip and plate for general engineering applications. It also includes provision for ordering and testing. It applies to products with a thickness over 0,20 mm up to and including 400 mm. It does not directly apply to semi-finished rolled products in coiled form to be subjected to further rolling (reroll stock) or to special applications such as aerospace, can stock, finstock, etc. which are dealt with in separate European Standards. NOTE Most of these specific standards refer for some provisions to the present standard.

Keel en

Asendab EVS-EN 485-1:2000

EVS-EN 754-1:2008

Hind 132,00

Identne EN 754-1:2008

Alumiinium ja alumiiniumisulamid. Külmtõmmatud vardad või latid ja torud. Osa 1: Tehnilised kontrolli- ja tarnetingimused

This document specifies the technical conditions for inspection and delivery of aluminium and aluminium alloy cold drawn rod/bar and tube for general engineering applications. This document applies to products which are extruded and then cold drawn. This document does not apply to: - forging stock (EN 603), - products delivered in coils (EN 13958), - coiled tubes cut to length (EN 13958).

Keel en

Asendab EVS-EN 754-1:2000

EVS-EN 754-2:2008

Hind 208,00

Identne EN 754-2:2008

Alumiinium ja alumiiniumisulamid. Külmtõmmatud vardad või latid ja torud. Osa 2: Mehaanilised omadused

See Euroopa standardi EN 754 osa määrab kindlaks mehaaniliste omaduste piirnõrmi, mis kehtivad alumiiniumist ja alumiiniumisulamitest külmtõmmatud varraste või lattide ja torude kohta.

Keel en

Asendab EVS-EN 754-2:2000

EVS-EN 754-3:2008

Hind 84,00

Identne EN 754-3:2008

Alumiinium ja alumiiniumisulamid. Külmtõmmatud vardad või latid ja torud. Osa 3: Ümarlatid, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 754 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed alumiiniumist ja alumiiniumisulamitest külmtõmmatud ümarlattide kohta, mille läbimõõt on vahemikus 3 mm kuni 100 mm (100 mm kaasa arvatud).

Keel en

Asendab EVS-EN 754-3:2000

EVS-EN 754-4:2008

Hind 95,00

Identne EN 754-4:2008

Alumiinium ja alumiiniumisulamid. Külmtõmmatud vardad või latid ja torud. Osa 4: Ruudukujulise ristlõikega latid, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 754 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed nende alumiiniumist ja alumiiniumisulamitest külmtõmmatud ruudukujulise ristlõikega lattide kohta, mille ristlõike laius on vahemikus 3 mm kuni 100 mm (100 mm kaasa arvatud).

Keel en

Asendab EVS-EN 754-4:2000

EVS-EN 754-5:2008

Hind 104,00

Identne EN 754-5:2008

Alumiinium ja alumiiniumisulamid. Külmtõmmatud vardad või latid ja torud. Osa 5: Ristkülikukujulise ristlõikega latid, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 754 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed nende alumiiniumist ja alumiiniumisulamitest külmtõmmatud ristkülikukujulise ristlõikega lattide kohta, mille paksus on vahemikus 2 mm kuni 60 mm (60 mm kaasa arvatud) ning laius on vahemikus 5 mm kuni 200 mm (200 mm kaasa arvatud).

Keel en

Asendab EVS-EN 754-5:2000

EVS-EN 754-6:2008

Hind 84,00

Identne EN 754-6:2008

Alumiinium ja alumiiniumisulamid. Külmtõmmatud vardad või latid ja torud. Osa 6: Kuusnurkse ristlõikega latid, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 754 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed nende alumiiniumist ja alumiiniumisulamitest külmtõmmatud kuusnurkse ristlõikega lattide kohta, mille ristlõike laius on vahemikus 3 mm kuni 80 mm (80 mm kaasa arvatud).

Keel en

Asendab EVS-EN 754-6:2000

EVS-EN 754-7:2008

Hind 123,00

Identne EN 754-7:200

Alumiinium ja alumiiniumisulamid. Külmtõmmatud vardad või latid ja torud. Osa 7: Õmbluseta torud, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 754 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed alumiiniumist ja alumiiniumisulamitest külmtõmmatud õmbluseta torude kohta, mille välisläbimõõt (OD) on vahemikus 3 mm kuni 350 mm või mille ristlõige mahub 8 mm kuni 300 mm suuruse ümberringjoone (CD) sisse ning mida tarnitakse sirgetena.

Keel en

Asendab EVS-EN 754-7:2000

EVS-EN 754-8:2008

Hind 132,00

Identne EN 754-8:2008

Alumiinium ja alumiiniumisulamid. Külmtõmmatud vardad või latid ja torud. Osa 8: Ambrasuuritorud, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 754 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed alumiiniumist ja alumiiniumisulamitest külmtõmmatud ambrasuuritorude kohta, mille välisläbimõõt on vahemikus 3 mm kuni 350 mm või mille ristlõige mahub 8 mm kuni 300 mm suuruse ümberringjoone (CD) sisse ning mida tarnitakse sirgetena.

Keel en

Asendab EVS-EN 754-8:2000

EVS-EN 755-1:2008

Hind 132,00

Identne EN 755-1:2008

Alumiinium ja alumiiniumisulamid. Pressitud vardad või latid, torud ja profiilid. Osa 1: Tehnilised kontrolli- ja tarnetingimused

This document specifies the technical conditions for inspection and delivery of wrought aluminium and aluminium alloy extruded rod/bar, tube and profile for general engineering applications. This document does not apply to: - forging stock (EN 603), - extruded precision profiles in alloys EN AW-6060 and EN AW-6063 (prEN 12020), - products delivered in coils (prEN 13957), - coiled tubes cut to length (prEN 13957).

Keel en

Asendab EVS-EN 755-1:2000

EVS-EN 755-2:2008

Hind 246,00

Identne EN 755-2:2008

Alumiinium ja alumiiniumisulamid. Pressitud vardad või latid, torud ja profiilid. Osa 2: Mehaanilised omadused

See Euroopa standardi EN 755 osa määrab kindlaks mehaaniliste omaduste piirnõrmed, mis kehtivad alumiiniumist ja alumiiniumisulamitest pressitud varrastest või lattide, torude ja profiilide kohta.

Keel en

Asendab EVS-EN 755-2:1999

EVS-EN 755-3:2008

Hind 95,00

Identne EN 755-3:2008

Alumiinium ja alumiiniumisulamid. Pressitud vardad või latid, torud ja profiilid. Osa 3: Ümarlatid, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 755 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed nende alumiiniumist ja alumiiniumisulamitest pressitud ümarlattide kohta, mille läbimõõt on vahemikus 8 mm kuni 320 mm (320 mm kaasa arvatud).

Keel en

Asendab EVS-EN 755-3:2000

EVS-EN 755-4:2008

Hind 95,00

Identne EN 755-4:2008

Alumiinium ja alumiiniumisulamid. Pressitud vardad või latid, torud ja profiilid. Osa 4: Ruudukujulise ristlõikega latid, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 755 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed nende alumiiniumist ja alumiiniumisulamitest pressitud ruudukujulise ristlõikega lattide kohta, mille ristlõike laius on 10 mm kuni 220 mm.

Keel en

Asendab EVS-EN 755-4:2000

EVS-EN 755-5:2008

Hind 113,00

Identne EN 755-5:2008

Alumiinium ja alumiiniumisulamid. Pressitud vardad või latid, torud ja profiilid. Osa 5: Ristkülikukujulise ristlõikega latid, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 755 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed alumiiniumist ja alumiiniumisulamitest pressitud ristkülikukujuliste lattide kohta, mille paksus on vahemikus 2 mm kuni 240 mm (240 mm kaasa arvatud) ja laius on vahemikus 10 mm kuni 600 mm.

Keel en

Asendab EVS-EN 755-5:2000

EVS-EN 755-6:2008

Hind 113,00

Identne EN 755-6:2008

Alumiinium ja alumiiniumisulamid. Pressitud vardad või latid, torud ja profiilid. Osa 6: Kuusnurkse ristlõikega latid, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 755 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed alumiiniumist ja alumiiniumisulamitest pressitud kuusnurkse ristlõikega lattide kohta, mille ristlõike laius on vahemikus 10 mm kuni 220 mm.

Keel en

Asendab EVS-EN 755-6:2000

EVS-EN 755-7:2008

Hind 132,00

Identne EN 755-7:2008

Alumiinium ja alumiiniumisulamid. Pressitud vardad või latid, torud ja profiilid. Osa 7: Õmbluseta torud, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 755 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed nende alumiiniumist ja alumiiniumisulamitest pressitud õmbluseta torude kohta, mille välisläbimõõt on vahemikus 8 mm kuni 450 mm või mille ristlõige mahub 10 mm kuni 350 mm suuruse ümberringjoone (CD) sisse ning mida tarnitakse sirgetena.

Keel en

Asendab EVS-EN 755-7:2000

EVS-EN 755-8:2008

Hind 132,00

Identne EN 755-8:2008

Alumiinium ja alumiiniumisulamid. Pressitud vardad või latid, torud ja profiilid. Osa 8: Ambrasuuritorud, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 755 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed nende alumiiniumist ja alumiiniumisulamitest pressitud ambrasuuritorude kohta, mille välisläbimõõt on vahemikus 8 mm kuni 450 mm või mille ristlõige mahub 10 mm kuni 350 mm suuruse ümberringjoone (CD) sisse ning mida tarnitakse sirgetena.

Keel en

Asendab EVS-EN 755-8:2000

EVS-EN 755-9:2008

Hind 151,00

Identne EN 755-9:2008

Aluminium and aluminium alloys - Extruded rod/bar, tube and profiles - Part 9: Profiles, tolerances on dimensions and form

This document specifies the tolerances on dimensions and form for aluminium and aluminium alloy extruded profile with a cross section contained within a circumscribing circle not greater than 800 mm (see Figure 1). The temper designations used in this part are according to EN 515. This standard applies to extruded profiles for general engineering applications only.

Keel en

Asendab EVS-EN 755-9:2003

EVS-EN 10253-4:2008

Hind 286,00

Identne EN 10253-4:2008

Butt-welding pipe fittings - Part 4: Wrought austenitic and austenitic-ferritic (duplex) stainless steels with specific inspection requirements

1.1 This European Standard specifies the technical delivery requirements for seamless and welded butt-welding fittings (elbows, concentric and eccentric reducers, equal and reducing tees, caps) made of austenitic and austenitic-ferritic (duplex) stainless steel which are intended for pressure and corrosion resisting purposes at room temperature, at low temperature or at elevated temperatures. It specifies: - the type of fittings; - type A (see 7.2) - type B (see 7.3) - the steel grades; - the mechanical properties; - the dimensions and tolerances; - the requirements for inspection and testing; - the inspection documents; - the marking; - the handling and packaging. NOTE In the case of a harmonised supporting standard for materials, presumption of conformity to the Essential Requirement(s) (ESRs) is limited to technical data of materials in the standard and does not presume adequacy of the material to a specific item of equipment. Consequently the technical data stated in the material standard should be assessed against the design requirements of this specific item of equipment to verify that the ESRs of the Pressure Equipment Directive (PED) are satisfied. 1.2 Unless otherwise specified in this European Standard the general technical delivery requirements in EN 10021 apply.

Keel en

EVS-EN 10277-1:2008

Hind 132,00

Identne EN 10277-1:2008

Bright steel products - Technical delivery conditions - Part 1: General

This part of EN 10277 specifies the general technical delivery conditions for bright steel bars in the drawn, turned or ground condition, in straight lengths and of the following steel types: a) steels for general engineering purposes as specified in EN 10277-2; b) free-cutting steels as specified in EN 10277-3; c) case hardening steels as specified in EN 10277-4; d) steels for quenching and tempering as specified in EN 10277-5. It does not cover cold rolled products and cut lengths produced from strip or sheet by cutting. In special cases variations in these technical delivery requirements or additions to them may form the subject of an agreement at the time of enquiry and order (see Annex B). In addition to the specifications of this European Standard, the general technical delivery requirements of EN 10021 are applicable, unless otherwise specified.

Keel en

Asendab EVS-EN 10277-1:2000

EVS-EN 10277-2:2008

Hind 95,00

Identne EN 10277-2:2008

Bright steel products - Technical delivery conditions - Part 2: Steels for general engineering purposes

This part of EN 10277 applies to bright steel bars for general engineering purposes in the drawn, turned or ground condition and in straight lengths. This EN 10277-2 is complemented by EN 10277-1.

Keel en

Asendab EVS-EN 10277-2:2000

EVS-EN 10277-3:2008

Hind 95,00

Identne EN 10277-3:2008

Bright steel products - Technical delivery conditions - Part 3: Free-cutting steels

This part of EN 10277 applies to bright steel bars in the drawn, turned or ground condition, in straight lengths of free-cutting steels. This EN 10277-3 is complemented by EN 10277-1.

Keel en

Asendab EVS-EN 10277-3:2000

EVS-EN 10277-4:2008

Hind 95,00

Identne EN 10277-4:2008

Bright steel products - Technical delivery conditions - Part 4: Case hardening steels

This part of EN 10277 applies to bright steel bars in the drawn, turned or ground condition, in straight lengths of case hardening steels. This EN 10277-4 is complemented by EN 10277-1.

Keel en

Asendab EVS-EN 10277-4:2000

EVS-EN 10277-5:2008

Hind 104,00

Identne EN 10277-5:2008

Bright steel products - Technical delivery conditions - Part 5: Steels for quenching and tempering

This part of EN 10277 applies to bright steel bars in the drawn, turned or ground condition, in straight lengths of steels for quenching and tempering. This EN 10277-5 is complemented by EN 10277-1.

Keel en

Asendab EVS-EN 10277-5:2000

EVS-EN 10302:2008

Hind 221,00

Identne EN 10302:2008

Creep resisting steels, nickel and cobalt alloys

1.1 This European Standard covers the grades of wrought steels and alloys listed in Table 1 and Table 2, which are usually employed for components and equipment, for which the main requirement is their creep resistance under mechanical long-time stressing at temperatures above 500 °C. NOTE Heat resisting grades given in EN 10095 [9] may also be used for similar applications if so agreed. 1.2 This European Standard specifies the technical delivery conditions for semi-finished products, for hot or cold rolled sheet/plate and strip, hot or cold formed (cold drawn) bars, rods, wire and sections. 1.3 The general technical delivery conditions specified in EN 10021 apply in addition to the specifications of this European Standard, unless otherwise specified in this European Standard. 1.4 This European Standard does not apply to components manufactured by further processing the product forms listed in 1.2 with quality characteristics altered as a result of such further processing. 1.5 This European Standard shall not be used for aerospace and pressure purposes. 1.6 For steels and alloys with similar chemical composition, but intended for different applications, see the Bibliography.

Keel en

Asendab EVS-EN 10302:2002

EVS-EN 12020-1:2008

Hind 123,00

Identne EN 12020-1:2008

Aluminium and aluminium alloys - Extruded precision profiles in alloys EN AW-6060 and EN AW-6063 - Part 1: Technical conditions for inspection and delivery

This document specifies technical conditions for inspection and delivery of alloys EN AW-6060 and EN AW-6063 extruded precision profiles manufactured with and without a thermal barrier (see Figures 1 and 2) and without further surface treatment. Precision profiles covered in this document are distinguished from extruded profiles for general applications covered in EN 755-9 by the following characteristics: - they are mainly for architectural applications; - they meet more stringent requirements regarding the surface condition of visible surfaces; - the maximum diameter of the circumscribing circle CD is 350 mm; - they are made to closer tolerances on dimensions and form. In the case of profiles, which, due to the complexity of their design are difficult to manufacture and specify, then special agreements between supplier and purchaser may need to be reached. NOTE The effect of the thermal barrier material on the dimensional tolerances is covered by EN 12020-2 although the actual thermal barrier material itself is not (see EN 14024).

Keel en

Asendab EVS-EN 12020-1:2001

EVS-EN 12020-2:2008

Hind 123,00

Identne EN 12020-2:2008

Aluminium and aluminium alloys - Extruded precision profiles in alloys EN AW-6060 and EN AW-6063 - Part 2: Tolerances on dimensions and form

This document specifies tolerances on dimensions and form of extruded precision profiles, in alloys EN AW-6060 and EN AW-6063 manufactured with and without a thermal barrier (see Figures 1 and 2). It applies to extruded products supplied without further surface treatment. Precision profiles covered in this standard are distinguished from extruded profiles for general applications covered in EN 755-9 by the following characteristics: - they are mainly for architectural applications; - they meet more stringent requirements regarding the surface condition of visible surfaces; - the maximum diameter of the circumscribing circle CD is 350 mm; - they are made to closer tolerances on dimensions and form. In the case of profiles which, due to the complexity of their design, are difficult to manufacture and specify, then special agreements between supplier and purchaser may need to be reached. NOTE The effect of the thermal barrier material on the dimensional tolerances is covered by this document although the actual thermal barrier material itself is not (see EN 14024).

Keel en

Asendab EVS-EN 12020-2:2001

EVS-EN 12385-2:2003+A1:2008

Hind 233,00

Identne EN 12385-2:2002+A1:2008

Terastraadist trossid. Ohutus. Osa 2: Määratlused, nimetused ja klassifikatsioon KONSOLIDEERITUD TEKST

This part of this European Standard defines terms, specifies designations and classifies steel wire ropes and is for use in conjunction with all other parts of this standard. It applies to ropes that have been manufactured after the date of issue of the standard.

Keel en

Asendab EVS-EN 12385-2:2003

EVS-EN 12385-3:2004+A1:2008

Hind 162,00

Identne EN 12385-3:2004+A1:2008

Terastraadist trossid. Ohutus. Osa 3: Kasutus- ja hooldusinformatsioon KONSOLIDEERITUD TEKST

This document specifies the type of information for use and maintenance of steel wire ropes to be provided by the rope manufacturer or to be included in the manufacturer's handbook that accompanies a machine, piece of equipment or installation of which the steel wire rope forms a part. The particular hazards covered by this document are identified in clause 4. For steel wire ropes conforming to Parts 8 and 9 used on cableway installations designed to carry persons, additional information for use and maintenance is given in prEN 12927-7. For steel wire rope slings, specific information on use and maintenance is given in EN 13414-2. This document is not applicable to steel wire ropes manufactured before the date of publication of this document by CEN.

Keel en

Asendab EVS-EN 12385-3:2004

EVS-EN 12385-4:2003+A1:2008

Hind 171,00

Identne EN 12385-4:2002+A1:2008

Terastraadist trossid. Ohutus. Osa 4: Üldotstarbeliste tõsteseadmete köistrossid KONSOLIDEERITUD TEKST

This Part of this European Standard specifies the particular materials, manufacturing and testing requirements for ropes for general lifting applications. The particular hazards covered by this Part are identified in Clause 4. This Part of this European Standard does not establish requirements for information for use other than those given in clause 7 of Part 1. Neither does it cover the requirements for ropes fitted with terminations. Minimum breaking force values for the more common classes, sizes and grades of rope are provided in tables 5 to 17.

Keel en

Asendab EVS-EN 12385-4:2003

EVS-EN 12385-10:2004+A1:2008

Hind 162,00

Identne EN 12385-10:2003+A1:2008

Terastraadist trossid. Ohutus. Osa 10: Spiraalköied kasutamiseks üldkonstruktsioonides KONSOLIDEERITUD TEKST

This Part of this European Standard specifies the additional materials, manufacturing and testing requirements to those given in Part 1 for spiral ropes incorporating zinc or zinc alloy coated wires for general structural applications. This standard deals with all significant hazards, hazardous situations and events relevant to spiral ropes for general structural applications, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see clause 4 of EN 12385-1:2002). This standard applies to spiral ropes for general structural applications which are manufactured after the date of its publication. NOTE For information only, typical breaking forces for both full-locked coil rope and spiral strand rope are given in annexes B and C for some of the more common sizes.

Keel en

Asendab EVS-EN 12385-10:2004

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 485-1:2000**

Identne EN 485-1:1993

Alumiinium ja alumiiniumisulamid. Lehed, ribad ja plaadid. Osa 1: Tehnilised kontrolli- ja tarnetingimused

Standard määrab kindlaks üldtehnilistes valdkondades kasutatavate deformeeritavast alumiiniumist ja deformeeritavatest alumiiniumisulamitest lehtede, ribad ja plaatide tehnilised kontrolli- ja tarnetingimused.

Keel en

Asendatud EVS-EN 485-1:2008

EVS-EN 754-2:2000

Identne EN 754-2:1997

Alumiinium ja alumiiniumisulamid. Külmtõmmatud vardad või latid ja torud. Osa 2: Mehaanilised omadused

See Euroopa standardi EN 754 osa määrab kindlaks mehaaniliste omaduste piirnõrmi, mis kehtivad alumiiniumist ja alumiiniumisulamitest külmtõmmatud varaste või lattide ja torude kohta.

Keel en

Asendatud EVS-EN 754-2:2008

EVS-EN 754-3:2000

Identne EN 754-3:1995

Alumiinium ja alumiiniumisulamid. Külmtõmmatud vardad või latid ja torud. Osa 3: Ümarlatid, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 754 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed alumiiniumist ja alumiiniumisulamitest külmtõmmatud ümarlattide kohta, mille läbimõõt on vahemikus 3 mm kuni 100 mm (100 mm kaasa arvatud).

Keel en

Asendatud EVS-EN 754-3:2008

EVS-EN 754-4:2000

Identne EN 754-4:1995

Alumiinium ja alumiiniumisulamid. Külmtõmmatud vardad või latid ja torud. Osa 4: Ruudukujulise ristlõikega latid, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 754 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed nende alumiiniumist ja alumiiniumisulamitest külmtõmmatud ruudukujulise ristlõikega lattide kohta, mille ristlõike laius on vahemikus 3 mm kuni 100 mm (100 mm kaasa arvatud).

Keel en

Asendatud EVS-EN 754-4:2008

EVS-EN 754-5:2000

Identne EN 754-5:1995

Alumiinium ja alumiiniumisulamid. Külmtõmmatud vardad või latid ja torud. Osa 5: Ristkülikukujulise ristlõikega latid, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 754 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed nende alumiiniumist ja alumiiniumisulamitest külmtõmmatud ristkülikukujulise ristlõikega lattide kohta, mille paksus on vahemikus 2 mm kuni 60 mm (60 mm kaasa arvatud) ning laius on vahemikus 5 mm kuni 200 mm (200 mm kaasa arvatud).

Keel en

Asendatud EVS-EN 754-5:2008

EVS-EN 754-6:2000

Identne EN 754-6:1995

Alumiinium ja alumiiniumisulamid. Külmtõmmatud vardad või latid ja torud. Osa 6: Kuusnurkse ristlõikega latid, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 754 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed nende alumiiniumist ja alumiiniumisulamitest külmtõmmatud kuusnurkse ristlõikega lattide kohta, mille ristlõike laius on vahemikus 3 mm kuni 80 mm (80 mm kaasa arvatud).

Keel en

Asendatud EVS-EN 754-6:2008

EVS-EN 754-7:2000

Identne EN 754-7:1998

Alumiinium ja alumiiniumisulamid. Külmtõmmatud vardad või latid ja torud. Osa 7: Õmbluseta torud, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 754 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed alumiiniumist ja alumiiniumisulamitest külmtõmmatud õmbluseta torude kohta, mille välisläbimõõt (OD) on vahemikus 3 mm kuni 350 mm või mille ristlõige mahub 8 mm kuni 300 mm suuruse ümberringjoone (CD) sisse ning mida tarnitakse sirgetena.

Keel en

Asendatud EVS-EN 754-7:2008

EVS-EN 754-8:2000

Identne EN 754-8:1998

Alumiinium ja alumiiniumisulamid. Külmtõmmatud vardad või latid ja torud. Osa 8: Ambrasuuritorud, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 754 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed alumiiniumist ja alumiiniumisulamitest külmtõmmatud ambrasuuritorude kohta, mille välisläbimõõt on vahemikus 3 mm kuni 350 mm või mille ristlõige mahub 8 mm kuni 300 mm suuruse ümberringjoone (CD) sisse ning mida tarnitakse sirgetena.

Keel en

Asendatud EVS-EN 754-8:2008

EVS-EN 754-1:2000

Identne EN 754-1:1997

Alumiinium ja alumiiniumisulamid. Külmtõmmatud vardad või latid ja torud. Osa 1: Tehnilised kontrolli- ja tarnetingimused

See Euroopa standardi EN 754 osa määrab kindlaks üldtehnilistes valdkondades kasutatavate alumiiniumist või alumiiniumisulamitest külmtõmmatud varraste või lattide ja torude tehnilised kontrolli- ja tarnetingimused. Standard kehtib toodete kohta, mis on pressitud ja seejärel külmalt tõmmatud. Standard ei kehti toodete kohta, mida tarnitakse rullides, ega ka nende toodete kohta, mis on valtsitud ja seejärel külmalt tõmmatud, näiteks rullkeevitatud torud.

Keel en

Asendatud EVS-EN 754-1:2008

EVS-EN 755-2:1999

Identne EN 755-2:1997

Alumiinium ja alumiiniumisulamid. Pressitud vardad või latid, torud ja profiilid. Osa 2: Mehaanilised omadused

See Euroopa standardi EN 755 osa määrab kindlaks mehaaniliste omaduste piirnormid, mis kehtivad alumiiniumist ja alumiiniumisulamitest pressitud varraste või lattide, torude ja profiilide kohta.

Keel en

Asendatud EVS-EN 755-2:2008

EVS-EN 755-3:2000

Identne EN 755-3:1995

Alumiinium ja alumiiniumisulamid. Pressitud vardad või latid, torud ja profiilid. Osa 3: Ümarlatid, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 755 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed nende alumiiniumist ja alumiiniumisulamitest pressitud ümarlattide kohta, mille läbimõõt on vahemikus 8 mm kuni 320 mm (320 mm kaasa arvatud).

Keel en

Asendatud EVS-EN 755-3:2008

EVS-EN 755-4:2000

Identne EN 755-4:1995

Alumiinium ja alumiiniumisulamid. Pressitud vardad või latid, torud ja profiilid. Osa 4: Ruudukujulise ristlõikega latid, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 755 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed nende alumiiniumist ja alumiiniumisulamitest pressitud ruudukujulise ristlõikega lattide kohta, mille ristlõike laius on 10 mm kuni 220 mm.

Keel en

Asendab EVS-EN 755-4:2008

EVS-EN 755-5:2000

Identne EN 755-5:1995

Alumiinium ja alumiiniumisulamid. Pressitud vardad või latid, torud ja profiilid. Osa 5: Ristkülikukujulise ristlõikega latid, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 755 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed alumiiniumist ja alumiiniumisulamitest pressitud ristkülikukujuliste lattide kohta, mille paksus on vahemikus 2 mm kuni 240 mm (240 mm kaasa arvatud) ja laius on vahemikus 10 mm kuni 600 mm.

Keel en

Asendatud EVS-EN 755-5:2008

EVS-EN 755-6:2000

Identne EN 755-6:1995

Alumiinium ja alumiiniumisulamid. Pressitud vardad või latid, torud ja profiilid. Osa 6: Kuusnurkse ristlõikega latid, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 755 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed alumiiniumist ja alumiiniumisulamitest pressitud kuusnurkse ristlõikega lattide kohta, mille ristlõike laius on vahemikus 10 mm kuni 220 mm.

Keel en

Asendatud EVS-EN 755-6:2008

EVS-EN 755-7:2000

Identne EN 755-7:1998

Alumiinium ja alumiiniumisulamid. Pressitud vardad või latid, torud ja profiilid. Osa 7: Ömbluseta torud, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 755 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed nende alumiiniumist ja alumiiniumisulamitest pressitud ömbluseta torude kohta, mille välisläbimõõt on vahemikus 8 mm kuni 450 mm või mille ristlõige mahub 10 mm kuni 350 mm suuruse ümberringjoone (CD) sisse ning mida tarnitakse sirgetena.

Keel en

Asendatud EVS-EN 755-7:2008

EVS-EN 755-8:2000

Identne EN 755-8:1998

Alumiinium ja alumiiniumisulamid. Pressitud vardad või latid, torud ja profiilid. Osa 8: Ambrasuuritorud, mõõtmeterantsid ja kuju lubatud piirhälbed

See Euroopa standardi EN 755 osa määrab kindlaks mõõtmeterantsid ja kuju lubatud piirhälbed nende alumiiniumist ja alumiiniumisulamitest pressitud ambrasuuritorude kohta, mille välisläbimõõt on vahemikus 8 mm kuni 450 mm või mille ristlõige mahub 10 mm kuni 350 mm suuruse ümberringjoone (CD) sisse ning mida tarnitakse sirgetena.

Keel en

Asendatud EVS-EN 755-8:2008

EVS-EN 755-1:2000

Identne EN 755-1:1997

Alumiinium ja alumiiniumisulamid. Pressitud vardad või latid, torud ja profiilid. Osa 1: Tehnilised kontrolli- ja tarnetingimused

See Euroopa standardi EN 755 osa määrab kindlaks tehnilised kontrolli- ja tarnetingimused deformeeritavast alumiiniumist ja deformeeritavatest alumiiniumisulamitest pressitud varraste või lattide, torude ja profiilide kohta, mida kasutatakse üldtehnilistes valdkondades.

Keel en

Asendatud EVS-EN 755-1:2008

EVS-EN 10277-2:2000

Identne EN 10277-2:1999 + AC:2003

Bright steel products - Technical delivery conditions - Part 2: Steels for general engineering purposes

This part of prEN 10277 applies to bright steel bars in the drawn, turned or ground condition, in straight lengths of general engineering steels. This prEN 10277-2 is complemented by prEN 10277-1.

Keel en

Asendatud EVS-EN 10277-2:2008

EVS-EN 10277-3:2000

Identne EN 10277-3:1999

Bright steel products - Technical delivery conditions - Part 3: Free-cutting steels

This part of prEN 10277 applies to bright steel bars in the drawn, turned or ground condition, in straight lengths of free-cutting steels. This prEN 10277-3 is complemented by prEN 10277-1.

Keel en

Asendatud EVS-EN 10277-3:2008

EVS-EN 10277-4:2000

Identne EN 10277-4:1999

Bright steel products - Technical delivery conditions - Part 4: Case-hardening steels

This part of prEN 10277 applies to the bright steel bars in the drawn, turned or ground condition, in straight lengths of case hardening steels. This prEN 10277-4 is complemented by prEN 10277-1.

Keel en

Asendatud EVS-EN 10277-5:2008

EVS-EN 10277-5:2000

Identne EN 10277-5:1999

Bright steel products - Technical delivery conditions - Part 5: Steels for quenching and tempering

This part of prEN 10277 applies to bright steel bars in the drawn, turned or ground condition, in straight lengths of steels for quenching and tempering. This prEN 10277-5 is complemented by prEN 10277-1.

Keel en

Asendatud EVS-EN 10277-5:2008

EVS-EN 10277-1:2000

Identne EN 10277-1:1999

Bright steel products - Technical delivery conditions - Part 1: General

This part of prEN 10277 specifies the general technical delivery conditions for bright steel bars in the drawn, turned or ground condition, in straight lengths and of the following steel types: a) General engineering steels as specified in prEN 10277-2 b) Free-cutting steels as specified in prEN 10277-3 c) Case hardening steels as specified in prEN 10277-4 d) Steels for quenching and tempering as specified in prEN 10277-5 It does not cover cold rolled products and cut lengths produced from strip or sheet from cutting.

Keel en

Asendatud EVS-EN 10277-1:2008

EVS-EN 10302:2002

Identne EN 10302:2002 + AC:2005

Creep resisting steels, nickel and cobalt alloys

This European Standard covers the grades of wrought steels and alloys listed in Tables 1 and 2 which are usually employed for components and equipment, for which the main requirement is their creep resistance under mechanical long-time stressing at temperatures above 500 °C. Also heat resisting grades given in EN 10095 may be used for similar applications if so agreed. This European Standard specifies the technical delivery conditions for semi-finished products, for hot or cold rolled sheet/plate and strip, hot or cold formed (cold drawn) bars, rods, wire and sections. The general technical delivery conditions specified in EN 10021 apply in addition to the specifications of this European Standard, unless otherwise specified in this European Standard. This European Standard does not apply to components manufactured by further processing the product forms listed in with quality characteristics altered as a result of such further processing. This European Standard is not intended for aerospace and pressure purposes. For steels and alloys with similar chemical composition, but intended for different applications, see the Bibliography.

Keel en

EVS-EN 12020-2:2001

Identne EN 12020-2:2001

Aluminium and aluminium alloys - Extruded precision profiles in alloys EN AW-6060 and EN AW-6063 - Part 2: Tolerances on dimensions and form

This part of EN 12020 specifies tolerances on dimensions and form of extruded precision profiles, in alloys EN AW-6060 and EN AW-6063 manufactured with and without a thermal barrier.

Keel en

Asendatud EVS-EN 12020-2:2008

EVS-EN 12020-1:2001

Identne EN 12020-1:2001 + AC:2002

Aluminium and aluminium alloys - Extruded precision profiles in alloys EN AW-6060 and EN AW-6063 - Part 1: Technical conditions for inspection and delivery

This part of EN 12020 specifies the technical conditions for inspection and delivery of alloys EN AW-6060 and EN AW-6063 extruded precision profiles manufactured with and without a thermal barrier.

Keel en

Asendatud EVS-EN 12020-1:2008

EVS-EN 12385-2:2003

Identne EN 12385-2:2002

Terastraadist trossid. Ohutus. Osa 2: Määratlused, nimetused ja klassifikatsioon

This part of this European Standard has been prepared to support Parts 4 to 10 that concern themselves with the particular requirements for steel wire ropes for use in specific applications

Keel en

Asendatud EVS-EN 12385-2:2003+A1:2008

EVS-EN 12385-4:2003

Identne EN 12385-4:2002 + AC:2005

Terastraadist trossid. Ohutus. Osa 4: Üldotstarbeliste tõsteseadmete köistrossid

This Part of this European Standard specifies the particular materials, manufacturing and testing requirements for ropes for general lifting applications. The particular hazards covered by this Part are identified in Clause 4

Keel en

Asendatud EVS-EN 12385-4:2003+A1:2008

EVS-EN 12385-3:2004

Identne EN 12385-3:2004

Terastraadist trossid. Ohutus. Osa 3: Kasutus- ja hooldusinformatsioon

This Part of this European Standard specifies the type of information for use and maintenance of steel wire ropes to be provided by the rope manufacturer or to be included in the manufacturer's handbook that accompanies a machine, piece of equipment or installation of which the steel wire rope forms a part

Keel en

Asendatud EVS-EN 12385-3:2004+A1:2008

EVS-EN 12385-10:2004

Identne EN 12385-10:2003

Terastraadist trossid. Ohutus. Osa 10: Spiraalköied kasutamiseks üldkonstruktsioonides

This Part of this European Standard specifies the additional materials, manufacturing and testing requirements to those given in Part 1 for full locked coil and spiral strand ropes incorporating zinc or zinc alloy coated wires for general structural applications. It shall be used in conjunction with Parts 1 and 2 of this standard. For information only, typical breaking forces for both full-locked coil rope and spiral strand rope are given in annexes B and C for some of the more common sizes

Keel en

Asendatud EVS-EN 12385-10:2004+A1:2008

KAVANDITE ARVAMUSKÜSITLUS**prEN 486**

Identne prEN 486:2008

Tähtaeg 30.07.2008

Alumiinium ja alumiiniumisulamid. Pressimiseks ette nähtud valuplokid. Tehnilised nõuded

This European Standard specifies the general requirements to be met by extrusion ingots of aluminium and aluminium alloys obtained by semi-continuous or continuous casting, from primary or recycled metal, for general engineering applications.

Keel en

Asendab EVS-EN 486:2000

prEN 487

Identne prEN 487:2008

Tähtaeg 30.07.2008

Alumiinium ja alumiiniumisulamid. Valtsimiseks ette nähtud valuplokid. Tehnilised nõuded

This European Standard specifies the general requirements to be met by rolling ingots of aluminium or aluminium alloys obtained by semi-continuous vertical casting.

Keel en

Asendab EVS-EN 487:2000

prEN 10088-4

Identne prEN 10088-4:2008

Tähtaeg 30.07.2008

Stainless steels - Part 4: Technical delivery conditions for sheet/plate and strip of corrosion resisting steels for construction purposes

1.1 The scope of this part of EN 10088 is to specify the technical delivery conditions for hot or cold rolled sheet/plate and strip of standard and special grades of corrosion resisting stainless steels for construction purposes in addition to the general technical delivery conditions specified in EN 10021. 1.2 This European Standard does not apply to components manufactured by further processing of the product forms listed in 1.1 with quality characteristics altered as a result of such further processing.

Keel en

prEN 10088-5

Identne prEN 10088-5:2008

Tähtaeg 30.07.2008

Stainless steels - Part 5: Technical delivery conditions for bars, rods, wire, sections and bright products of corrosion resisting steels for construction purposes

1.1 The scope of this part of EN 10088 is to specify the technical delivery conditions for hot or cold formed bars, rods, wire, sections and bright products of standard and special grades of corrosion resisting stainless steels for construction purposes in addition to the general technical delivery conditions specified in EN 10021. 1.2 This European Standard does not apply to components manufactured by further processing of the product forms listed in 1.1 with quality characteristics altered as a result of such further processing.

Keel en

prEN 10152

Identne prEN 10152:2008

Tähtaeg 30.07.2008

Electrolytically zinc coated cold rolled steel flat products for cold forming - Technical delivery conditions

This European Standard specifies requirements for continuously electrolytic zinc coated cold rolled flat products of low carbon steels suitable for cold forming according to Table 1 in rolled widths ≥ 600 mm and thicknesses from 0,35 mm up to and including 3 mm, delivered as strip (in coil form), sheet, slit strip or cut lengths obtained from slit strip or sheet.

Keel en

Asendab EVS-EN 10152:2003

prEN 10343

Identne prEN 10343:2008

Tähtaeg 30.07.2008

Steels for quenching and tempering for construction purposes - Technical delivery conditions

This document specifies the technical delivery requirements for the following steel products intended for use in the construction industry: - bars (including hammer-forged bars); - wide flats; - hot-rolled strip and sheet/plate; - forgings. They are manufactured from the direct hardening non alloy steels for quenching and tempering and the direct hardening alloy steels for quenching and tempering and supplied in one of the heat treatment conditions given for the different types of products in table 1. These steels are generally intended for the manufacture of quenched and tempered parts, but can also be used in the normalized condition. The requirements for mechanical properties are restricted to part sizes given in tables 4 and 5. NOTE 1 In accordance with EN 10020, the steels covered by this standard are quality and special steels. The differences between quality and special steels are characterized by the following requirements, which are valid for special steels only: - the minimum impact values in the quenched and tempered condition (for non alloy special steels in the case of mean percentages by mass of carbon $< 0,50$ % only); - limited oxide inclusion content; - lower maximum contents for phosphorus and sulphur. NOTE 2 This standard does not apply for bright steel products. NOTE 3 This standard only applies for the manufacture of products without any further cold or hot forming and no additional heat treatment, i.e. the properties are according to the delivery condition (+N, +QT). In addition to the specifications of this European Standard, the general technical delivery conditions given in EN 10021 shall be applicable unless otherwise specified.

Keel en

prEN 10346

Identne prEN 10346: 2008

Tähtaeg 30.07.2008

Continuously hot-dip coated steel flat products - Technical delivery conditions

This document specifies requirements for continuously hot-dip coated products made of low carbon steels for cold forming, of steels for construction, of steels with high proof strength for cold forming and coated with zinc (Z), zinc-iron alloy (ZF), zinc-aluminium alloy (ZA), aluminium-zinc alloy (AZ) or aluminium-silicon alloy (AS), and for continuously hot-dip coated products made of multiphase steels for cold forming coated with zinc (Z) zinc-iron alloy (ZF) or zinc-aluminium alloy (ZA) with thicknesses of 0,35 mm to 3,0 mm unless otherwise agreed. The thickness is the final thickness of the delivered product after coating. This document applies to strip of all widths and to sheets cut from it (≥ 600 mm width) and cut lengths (< 600 mm width).

Keel en

prEN 10349

Identne prEN 10349:2007

ja identne ISO 13521:1999

Tähtaeg 29.08.2008

Steel castings - Austenitic manganese steel castings

This European Standard specifies austenitic manganese cast steels for wear-resistant service. The grades covered by this European Standard will experience maximum service life in applications where the surface of the casting is subject to impact. This European Standard retains the same format for clauses as EN 1559-1 and EN 1559-2. It shall be used in conjunction with these standards. Where no text is given under a clause heading, the corresponding clause of EN 1559-1 or EN 1559-2 applies. The structure of this standard is as follows: - clauses and subclauses preceded by indicates no additional conditions to Part 1 or Part 21) of EN 1559; subclauses without dot marking are mandatory.

Keel en

prEN 15022-2

Identne prEN 15022-2:2008

Tähtaeg 30.07.2008

Copper and copper alloys - Determination of tin content - Part 2: Spectrophotometric method

This part of this European Standard specifies the spectrophotometric method for the determination of tin content of copper and copper alloys in the form of unwrought, wrought and cast products. The method is applicable to products having tin mass fractions between 0,005 % and 0,5 %.

Keel en

prEN 15093

Identne prEN 15093:2008

Tähtaeg 29.08.2008

Masinate ohutus. Kuumvaltsimisseadmete ohutusnõuded

This European Standard defines the general safety requirements for hot rolling mills for flat products as defined in 3.1. This European Standard deals with significant hazards, hazardous situations and events relevant to hot rolling mills for flat products. It deals not only with circumstances where the machinery is used as intended, but also includes other conditions foreseen by the manufacturer, such as foreseeable faults, malfunctions or misuse (see Clauses 4 and 5).

Keel en

79 PUIDUTEHNOLOOGIA

UUED STANDARDID

EVS-EN 1912:2005+A2:2008

Hind 123,00

Identne EN 1912:2004+A2:2008

Structural timber - Strength classes - Assignment of visual grades and species KONSOLIDEERITUD TEKST

This document lists visual strength grades, species and sources of timber, and specifies the strength classes from EN 338, to which they are assigned. NOTE For the grades, species and sources included, there is long experience of use and/or satisfactory test data. The sources listed are therefore largely determined by existing commercial practice.

Keel en

Asendab EVS-EN 1912:2005+A1:2007

EVS-EN 1927-1:2008

Hind 95,00

Identne EN 1927-1:2008

Qualitative classification of softwood round timber - Part 1: Spruces and firs

This European Standard specifies the qualitative classification for the roundwood of spruces (*Picea* spp) and firs (*Abies* spp). The classification is made either using Clauses 4 and 5 or using Annex A. Clauses 4 and 5 describe the qualitative classification of round timber for which the intended use is unknown. Informative Annex A gives a list of characteristics which serves as a guideline for contracts describing qualities for round timber of spruces and firs where the intended use is known.

Keel en

EVS-EN 1927-2:2008

Hind 95,00

Identne EN 1927-2:2008

Qualitative classification of softwood round timber - Part 2: Pines

This European Standard specifies the qualitative classification for the roundwood of pines. It applies to Scots pine (*Pinus sylvestris*), Corsican or Austrian pine (*Pinus nigra*), maritime pine (*Pinus pinaster*) and radiata pine (*Pinus radiata*). The classification is made either using Clauses 4 and 5 or using Annex A. Clauses 4 and 5 describe the qualitative classification of round timber for which the intended use is unknown. Informative Annex A gives a list of characteristics which serves as a guideline for contracts describing qualities for round timber of pines where the intended use is known.

Keel en

EVS-EN 1927-3:2008

Hind 95,00

Identne EN 1927-3:2008

Qualitative classification of softwood round timber - Part 3: Larches and Douglas fir

This Standard specifies the qualitative classification for the roundwood of larches (*Larix*) and Douglas fir (*Pseudotsuga*). The classification is made either using Clauses 4 and 5 or using informative Annex A. Clauses 4 and 5 describe the qualitative classification of round timber for which the intended use is unknown. Annex A gives a list of characteristics which serves as guideline for contracts describing qualities for round timber of larches and Douglas fir where the intended use is known.

Keel en

EVS-EN 14081-4:2006+A3:2008

Hind 180,00

Identne EN 14081-4:2005+A3:2008

Timber structures - Strength graded structural timber with rectangular cross section - Part 4: Machine Grading -Grading machine settings for machine controlled systems KONSOLIDEERITUD TEKST

This European Standard gives settings, derived according to the requirements given in EN 14081-2, for various combinations of strength classes or grades, grading machines and species from particular sources of growth. These settings are only applicable to timber from the sources indicated in the tables.

Keel en

Asendab EVS-EN 14081-4:2006+A2:2007

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 1912:2005+A1:2007

Identne EN 1912:2004+A1:2007

Structural timber - Strength classes - Assignment of visual grades and species KONSOLIDEERITUD TEKST

This European Standard lists visual strength grades, species and sources of timber, and specifies the strength classes from EN 338, to which they are assigned.

Keel en

Asendab EVS-EN 1912:2005

Asendatud EVS-EN 1912:2005+A2:2008

EVS-EN 14081-4:2006+A2:2007

Identne EN 14081-4:2005+A2:2007

Timber structures - Strength graded structural timber with rectangular cross section - Part 4: Machine grading - Grading machine settings for machine controlled systems KONSOLIDEERITUD TEKST

This European Standard gives settings, derived according to the requirements given in EN 14081-2, for various combinations of strength classes or grades, grading machines and species from particular sources of growth. These settings are only applicable to timber from the sources indicated in the tables.

Keel en

Asendab EVS-EN 14081-4:2006+A2:2007

Asendatud EVS-EN 14081-4:2006+A3:2008

KAVANDITE ARVAMUSKÜSITLUS

prEN 12750

Identne prEN 12750:2008

Tähtaeg 30.07.2008

Puidutöötlemismasinate ohutus. Neljakandilised vormimismasina

This document deals with the significant hazards, hazardous situations and events as listed in clause 4, which are relevant to stationary four sided moulding machines with a maximum working width of 350 mm and a maximum speed of the integrated work-piece feed of 200 m/min, with electrical and/or electronic control system, hereafter referred to as "machines" designed to cut solid wood, chipboard, fibreboard, plywood and also these materials where these are covered with plastic laminate or edgings when they are used as intended and under the conditions foreseen by the manufacturer, including reasonably foreseeable misuse of the machine (see 6.3 c)). This document deals also with hazards relating to the following optional work units: universal spindle; glass bead cutting unit. This document is not applicable to machines designed for machining logs which have not previously been machined. This document does not deal with any hazards relating to: 1) infeed devices (magazines, hoppers, etc.); 2) single machines being used in combination with any other machine (as part of a line); 3) hot surfaces related to feed speeds exceeding 120 m min⁻¹; 4) outfeed devices (e.g. mechanical handling systems) except for hazards related to ejection from the machine due to climb cutting. This document is not applicable to four sided moulding machines which are manufactured before the date of its publication as EN.

Keel en

Asendab EVS-EN 12750:2001

prEN 14229

Identne prEN 14229:2008

Tähtaeg 30.07.2008

Structural timber - Wood Poles for overhead lines

This European Standard covers requirements for single untreated or preservative treated wood poles for overhead lines under cantilever or compression loading (it does not cover poles used as beams). It covers test methods, determination of characteristic values and methods of specifying durability and sizes. It also establishes principles for visual grading. This European Standard applies to both softwood and hardwood poles. This Standard specifies the evaluation of conformity requirements and the marking of wood poles. This Standard does not specify wood poles treated against fire to improve their fire performance. This European Standard does not quantify the service life that may be expected from a wood pole. NOTE The service life of a wood pole will depend on its geographical location, the associated climate of its service environment and either the natural durability of the heartwood of the species selected, or the combination between selection of species, preservative type, and requirements of retention and any incised zones.

Keel en

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

UUED STANDARDID

EVS-EN 13035-1:2008

Hind 221,00

Identne EN 13035-1:2008

Masina ja sisustus lehtklaasi valmistamiseks, töötlemiseks ja käitlemiseks. Ohutusnõuded. Osa 1: Seadmed klaasi hoidmiseks, käsitsemiseks ja transpordiks tehases

1.1 This standard contains the requirements for safety for the design and installation of equipment intended for the storage, handling and transportation of flat glass inside the factory as described in Clause 3. It applies to stationary, movable and mobile storage equipment (see 3.2), mechanical and pneumatic handling equipment (see 3.3) and transportation equipment (see 3.4) (see overview in Annex A). 1.2 Additional requirements for dealing with specific hazards due to the use outside the factory are dealt with in prEN 13035-2. 1.3 This standard only deals with the devices which are directly in contact with the glass. Tractors, cranes, hoists and fork lifts are out of the scope as well as parts of other powered vehicles that are not in contact with the glass (see 3.4.1). This standard does not apply to manual handling equipment as defined in 3.3.1. 1.4 This standard deals with all significant hazards, hazardous situations and events relevant to equipment for the storage, handling and transportation of flat glass, when they are used as intended and under the conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). This standard specifies the appropriate technical measures to eliminate or reduce risks arising from the significant hazards during commissioning, the operation and maintenance. Noise has not been considered to be a significant hazard for any type of equipment in the scope of this standard. 1.5 This document is not applicable to storage, handling or transportation equipment for flat glass inside the factory, which is manufactured before the date of its publication as EN.

Keel en

EVS-EN 13035-2:2008

Hind 162,00

Identne EN 13035-2:2008

Masinad ja sisustus lehtklaasi valmistamiseks, töötlemiseks ja käitlemiseks. Ohutusnõuded. Osa 2: Seadmed klaasi hoidmiseks, käsitlemiseks ja transpordiks väljaspool tehasi

1.1 This standard contains the requirements for safety for the design and installation of equipment intended for the storage (as defined in 3.2.1), handling (as defined in 3.2.2) and transportation (as defined in 3.2.3) of flat glass outside the factory (as defined in 3.1.1) and including stillages, pallets, frails fixed to vehicles, in-loader vehicles, specific glass-securing devices, stanchions and vacuum-lifting devices which are used for road transport and on building sites. 1.2 Specific hazards due to the use inside the factory are dealt with in EN 13035-1. 1.3 This standard deals only with the devices which are directly in contact with the glass. This standard does not apply to manual handling equipment such as carrying straps and vacuum pads. Tractors, cranes, hoists and fork lifts are out of the scope as well as parts of other powered vehicles that are not in contact with the glass. This European Standard does not apply to equipment for the transport by other ways than on road e.g. by ship or train, and the transportation of glazed windows/frames. 1.4 This standard deals with all significant hazards, hazardous situations and events relevant to equipment for the storage, handling and transportation of flat glass, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). This standard specifies the appropriate technical measures to eliminate or reduce risks arising from the significant hazards during commissioning, the operation and maintenance. Noise has not been considered to be a significant hazard for any type of equipment in the scope of this standard. 1.5 This document is not applicable to storage, handling or transportation equipment for flat glass outside the factory, which is manufactured before the date of its publication as EN.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

EN 13367:2005/prA1

Identne EN 13367:2005/prA1:2008

Tähtaeg 30.07.2008

Keraamikamasinad. Ohutus. Ülekandeplatvormid ja vagonetid

This document applies for the design, installation and commissioning of transfer platforms and cars and ancillary devices for the process related transport of ceramic material on rails.

Keel en

83 KUMMI- JA PLASTITÖÖSTUS

UUED STANDARDID

EVS-EN 1942:2008

Hind 84,00

Identne EN 1942:2008

Self adhesive tapes - Measurement of Thickness

This European Standard specifies a method to measure the total thickness of both the backing and adhesive layer comprising an adhesive tape

Keel en

Asendab EVS-EN 1942:2003

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 1942:2003

Identne EN 1942:2003

Self adhesive tapes - Measurement of Thickness

This European Standard specifies a method to measure the total thickness of both the backing and adhesive layer comprising an adhesive tape

Keel en

Asendab EVS-EN 1942:2000

Asendatud EVS-EN 1942:2008

KAVANDITE ARVAMUSKÜSITLUS

prEN ISO 4611

Identne prEN ISO 4611:2008

ja identne ISO/FDIS 4611:2008

Tähtaeg 29.08.2008

Plastics - Determination of the effects of exposure to damp heat, water spray and salt mist

1.1 This International Standard specifies the conditions of exposure of plastics to - damp heat; - water spray; - salt mist; and the methods for the evaluation of the change in some significant characteristics after given exposure stages. 1.2 This International Standard is, in general, suitable for all plastics in the form of standard test specimens, and finished articles or parts thereof. 1.3 This International Standard considers separately methods for the determination of - change in mass; - change in dimensions and appearance; - change in physical properties.

Keel en

Asendab EVS-EN ISO 4611:2000

prEN ISO 7231

Identne prEN ISO 7231:2008

ja identne ISO/DIS 7231:2008

Tähtaeg 30.07.2008

Polymeric materials, cellular, flexible - Determination of air flow value at constant pressure-drop

This International Standard specifies two methods for determining the air flow value of cellular polymeric flexible materials. Air flow values may be used to give an indication of the effects of formulation and production variables on the cellular structure. Method A – for conventional type of cellular polymeric flexible materials. Method B – for all types of cellular polymeric flexible materials especially suitable for lower air-permeable materials.

Keel en

Asendab EVS-EN ISO 7231:2000

prEN ISO 11357-1

Identne prEN ISO 11357-1:2008

ja identne ISO/DIS 11357-1:2008

Tähtaeg 30.07.2008

Plastid. Skaneeriv diferentsiaalkalorimeetria (DSC).

Osa 1: Üldpõhimõtted

This International Standard specifies differential scanning calorimetry (DSC) methods for the thermal analysis of polymers and polymer blends such as - thermoplastics (polymers, moulding compounds and moulding products with or without filler(s), fibres or reinforcing additives), - thermosets (uncured or cured materials with or without filler(s), fibres or reinforcing additives), - elastomers (with or without filler(s), fibres or reinforcing additives). This International Standard is applicable for observing and quantifying various phenomena or properties of the above mentioned materials such as - physical transitions (glass transition, phase transitions like melting and crystallisation, polymorphic transitions, etc.), - chemical reactions (polymerisation, cross-linking and curing of elastomers and thermosets, etc.), - oxidation stability, - heat capacity. Part 1 of this International Standard establishes general principles of differential scanning calorimetry such as description of the principle and the apparatus, sampling, calibration and general aspects of the procedure and test report common to all following parts. Details on performing specific methods are given in subsequent parts of this International Standard (see fore-word).

Keel en

Asendab EVS-EN ISO 11357-1:2000

prEN ISO 21627-1

Identne prEN ISO 21627-1:2008

ja identne ISO/DIS 21627-1:2008

Tähtaeg 30.07.2008

Plastics - Epoxy resins - Determination of chlorine content - Part 1: Inorganic chlorine

This part of ISO 21627 specifies a direct potentiometric method for the determination of inorganic chlorine in epoxy resins, also called "ionic chlorine". The inorganic chlorine content is expressed in milligrams per kilogram of epoxy resin.

Keel en

Asendab prEN ISO 21627-1

prEN ISO 21627-2

Identne prEN ISO 21627-2:2008

ja identne ISO/DIS 21627-2:2008

Tähtaeg 30.07.2008

Plastics - Epoxy resins - Determination of chlorine content Part 2: Easily saponifiable chlorine

This part of ISO 21627 specifies a method for the determination of easily saponifiable chlorine in epoxy resins. The easily saponifiable chlorine content is the quantity of easily saponifiable chlorine in a given quantity of epoxy resin. The values obtained are indicative of the concentration of easily saponifiable chlorine of chlorohydrin groups in the compounds.

Keel en

Asendab EVS-EN ISO 21627-2:2004

prEN ISO 21627-3

Identne prEN ISO 21627-3:2008

ja identne ISO/DIS 21627-3:2008

Tähtaeg 30.07.2008

Plastics - Epoxy resins - Determination of chlorine content Part 3: Total chlorine

This part of ISO 21627 specifies a method for the determination of the total chlorine contained in epoxy resins. The amount of chlorine measured by this method, referred to as total chlorine, includes saponifiable organic chlorine and inorganic chlorine.

Keel en

Asendab EVS-EN ISO 21627-3:2004

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

UUED STANDARDID

EVS-EN ISO 1248:2008

Hind 162,00

Identne EN ISO 1248:2008

ja identne ISO 1248:2006

Iron oxide pigments - Specifications and methods of test

This International Standard specifies the requirements and the corresponding methods of test for all manufactured and natural iron oxide pigments, in dry form, suitable for general use. These pigments are identified by Colour Index Nos. 1) red 101 and 102, yellow 42 and 43, brown 6 and 7 and black 11, and includes "rapid-dispersion pigments". This International Standard does not cover micaceous iron oxide pigments (see Note 1), transparent iron oxide pigments, granular grey iron oxide (see Note 2) or magnetic iron oxide pigments other than those of Colour Index Pigment black 11. NOTE 1 The requirements and the corresponding methods of test for micaceous iron oxide pigments are specified in ISO 10601. NOTE 2 Granular grey iron oxides are too abrasive for general use.

Keel en

EVS-EN ISO 21227-4:2008

Hind 95,00

Identne EN ISO 21227-4:2008

ja identne ISO 21227-4:2008

Värvid ja lakid. Kaetud pindadele tekkinud defektide hindamine optilisi ülesvõttetechnikaid kasutades. Osa 4: Filiform korrosiooni hindamine

This part of ISO 21227 describes a method for evaluating filiform corrosion by means of digital optical imaging. The filiform corrosion can be produced in accordance with ISO 4623-1, ISO 4623-2 or EN 3665.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

prEN ISO 7579

Identne prEN ISO 7579:2008

ja identne ISO/DIS 7579:2008

Tähtaeg 30.07.2008

Dyestuffs - Determination of solubility in organic solvents - Gravimetric and photometric methods

This International Standard specifies two methods for determining the solubility of dyestuffs in organic solvents. They are applicable to dyestuffs that do not change chemically under the influence of the solvent, are stable and non-volatile under the specified drying conditions. For volatile solvents (boiling point < 120 °C) the gravimetric, for less volatile solvents (boiling point > 120 °C) the photometric procedure are recommended. The individual selection should be taken on a problem specific base. The methods are suitable for concentrations between 1 g and 1000 g of dyestuff per litre of solvent. In case of higher concentration the viscosity of the test solutions shall be suitable for the described procedures. The method is not suitable for the determination of insoluble matter in a dyestuff.

Keel en

Asendab EVS-EN ISO 7579:2000

91 EHTUSMATERJALID JA EHTUS

UUED STANDARDID

EVS-EN 933-4:2008

Hind 104,00

Identne EN 933-4:2008

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

Käesolev standard esitab jämetäitematerjali terade kujuteguri määramise meetodi, mis on kasutatav looduslike, tehislise ja kergtäitematerjalide puhul.

Käesolevas standardis kirjeldatud meetod on kasutatav täitematerjali fraktsioonide d_i/D_i puhul, mille D_i 63 mm ja d_i 4 mm.

Keel en

Asendab EVS-EN 933-4:2002

EVS-EN 1097-4:2008

Hind 104,00

Identne EN 1097-4:2008

Tests for mechanical and physical properties of aggregates - Part 4: Determination of the voids of dry compacted filler

This standard describes the reference method used for type testing and in cases of dispute, the determination of the voids of dry compacted filler by means of a Rigden apparatus. For other purposes, in particular factory production control, other methods may be used provided that an appropriate working relationship with the reference method has been established. The test is applicable to natural and manufactured fillers. It is used, for example to determine their bitumen carrying capacity.

Keel en

Asendab EVS-EN 1097-4:2001

EVS-EN 1097-5:2008

Hind 104,00

Identne EN 1097-5:2008

Tests for mechanical and physical properties of aggregates - Part 5: Determination of the water content by drying in a ventilated oven

This standard describes the reference method used for type testing and in cases of dispute for the determination of the water content of aggregates by drying in a ventilated oven. For other purposes, in particular factory production control, other methods may be used provided that an appropriate working relationship with the reference method has been established.

Keel en

Asendab EVS-EN 1097-5:2001

EVS-EN 1097-7:2008

Hind 113,00

Identne EN 1097-7:2008

Tests for mechanical and physical properties of aggregates - Part 7: Determination of the particle density of filler - Pycnometer method

This standard describes the reference method used for type testing and in cases of dispute for the determination of the particle density of filler by means of a pycnometer. For other purposes, in particular factory production control, other methods may be used provided that an appropriate working relationship with the reference method has been established.

Keel en

Asendab EVS-EN 1097-7:2001

EVS-EN 1367-4:2008

Hind 113,00

Identne EN 1367-4:2008

Täitematerjalide soojuslike omaduste ja ilmastikukindluse katsetamine. Osa 4: Kuivamiskahanemise määramine

This standard describes the reference method used for type testing and in cases of dispute, for determining the effect of aggregates on the drying shrinkage of concrete. For other purposes, in particular factory production control, other methods may be used provided an appropriate working relationship with the reference method has been established. This standard is based on the testing of concretes of fixed mix proportions and aggregates of 20 mm maximum size. NOTE 1 Guidance on the use of larger size is given in Annex A. Precision data is not available for variations in size and for variations in the water content of the test concrete. NOTE 2 In those cases where the drying shrinkage of a source of coarse aggregate only or a source of fine aggregate (sand) only are required, the other component to be used should be, respectively, a fine or coarse aggregate of known low shrinkage. NOTE 3 Aggregates with high water demand and/or porosity may in a concrete with a fixed water content result in a mix with insufficient workability to allow full compaction of the test specimens. This is likely to occur with aggregates combinations having a composite water absorption value greater than 3,5% or oven-dried particle densities less than 2,45 Mg/m³ (e.g. for recycled aggregates). In such instances a variation of the method (without precision data) may be carried out by one of the following changes to the concrete mix: (a) use of aggregates in the saturated and surface dry condition. (b) use of water-reducing admixture. A note on the details of any modification to the mix design should be included with the test report.

Keel en

Asendab EVS-EN 1367-4:2001

EVS-EN 13588:2008

Hind 132,00

Identne EN 13588:2008

Bitumen and bituminous binders - Determination of cohesion of bituminous binders with pendulum test

This European Standard specifies a method for measuring the cohesion of bituminous binders at temperatures in the range of (- 10 °C) to (+ 80 °C) and for expressing the relationship between cohesion and temperature. This method is applicable for pure bitumen, modified bitumen and fluxed bitumen; in the case of fluxed bitumen, the test can be performed on the binder containing fluxant or on binder from which the solvent has been removed. For bitumen emulsions, the test is carried out on the residual binder obtained after recovery and the method used to recover the binder should be reported. WARNING — The use of this European Standard may involve hazardous materials, operations and equipment. This European Standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this European Standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 13588:2004

EVS-EN 14488-4:2005+A1:2008

Hind 84,00

Identne EN 14488-4:2005+A1:2008

Testing sprayed concrete - Part 4: Bond strength of cores by direct tension KONSOLIDEERITUD TEKST

This European Standard describes a means of determining the tensile bond between sprayed concrete and substrate of concrete or rock tested in a laboratory as a direct tension test. Bond strength is defined as the capacity to transfer tension between two layers. Bond strength is calculated as the ultimate tensile force divided by the stressed cross-sectional area of a core, drilled out of a sprayed concrete layer together with a portion of the substrate concrete or rock.

Keel en

Asendab EVS-EN 14488-4:2005

EVS-EN 15069:2008

Hind 246,00

Identne EN 15069:2008

Gaasiküttel töötavate kodumasinat ühendamisel kasutatavate metalltorude kaitseventiilid

These valves are suitable for connection of the fixed gas supply system to domestic appliances inside or outside a dwelling using 2nd or 3rd Family gases and at a pressure of up to and including 0,5 bar. These valves are designed for the use with either movable appliances or for the connection of fixed appliances.

Keel en

EVS-EN 15287-2:2008

Hind 246,00

Identne EN 15287-2:2008

Chimneys - Design, installation and commissioning of chimneys - Part 2: Chimneys for roomsealed appliances

This European Standard describes the method of specifying the design, installation and labelling criteria for chimney systems, connecting flue pipes and air supply pipes for roomsealed heating applications. It also gives information on commissioning of an installed chimney. This standard does not cover: - chimneys designated H (high positive pressure chimneys), and chimneys designated P (normal positive pressure chimneys) serving more than one appliance, - chimneys which serve a mixture of fan assisted or forced draught burners or natural draught appliances, - installations having a configuration of the type C2. This European Standard does not apply to freestanding chimneys covered by EN 13084-1. This standard also specifies limitations for supporting a chimney, and the maximum unsupported chimney height for system chimneys and custom built chimneys. NOTE Roomsealed gas appliances are classified as type C according to CEN/TR 1749.

Keel en

EVS-EN 15422:2008

Hind 84,00

Identne EN 15422:2008

Precast concrete products - Specification for the alkali resistance of glassfibre products for reinforcement of cements and concretes

This European standard specifies requirements for glassfibres used as reinforcement in cements and concrete. It applies to continuous filament glassfibre products in the form of roving, strands, or chopped strands and related products such as nets or mats based on these products.

Keel en

EVS-EN 15456:2008

Hind 141,00

Identne EN 15456:2008

Heating boilers - Electrical power consumption for heat generators - System boundaries - Measurements

This European Standard applies to heating boilers (e.g. with forced-draught burners (unit)) and burners equipped with a fan including all components specified by the manufacturer to be required for the designed boiler operation. This European Standard also applies to heating boilers sold without burners. This European Standard covers the required definitions, the system boundaries, the measurements for the determination of the electrical power consumption and, where applicable, the water side resistance in order to establish the electric auxiliary energy for: - Oil-fired forced-draught burners in accordance with EN 267; - Automatic forced-draught burners for gaseous fuels in accordance with EN 676; - Flued oil stoves with vaporizing burners in accordance with EN 1; - Heating boilers sold without burners for: - Oil-fired forced-draught burners in accordance with EN 303-1 [6], EN 303-2 [7] and EN 304; - Condensing boilers for liquid fuels in accordance with EN 15034; - Room sealed boilers for fuel oil in accordance with EN 15035; - Heating boilers - Heating boilers with forced-draught burners - Nominal heat output not exceeding 10 MW and maximum operating temperature of 110 °C in accordance with EN 14394; - Pellet burners for small heating boilers in accordance with EN 15270. NOTE All measurements for boilers are carried out in the heating mode only. For hot water production this mode is also relevant.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 933-4:2002

Identne EN 933-4:1999

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

Käesolev standard esitab jämetäitematerjali terade kujuteguri määramise meetodi, mis on kasutatav looduslike, tehislise ja kergtäitematerjalide puhul. Käesolevas standardis kirjeldatud meetod on kasutatav täitematerjali fraktsioonide di/Di puhul, mille Di 63 mm ja di 4 mm.

Keel et

Asendab EVS-EN 933-4:2000

Asendatud EVS-EN 933-4:2008

EVS-EN 1097-4:2001

Identne EN 1097-4:1999

Tests for mechanical and physical properties of aggregates - Part 4: Determination of the voids of dry compacted filler

This European Standard specifies the procedure for determining the voids of dry compacted filler by means of a Rigden apparatus. The test is applicable to natural and artificial fillers. It is used for example to determine their bitumen carrying capacity.

Keel en

Asendatud EVS-EN 1097-4:2008

EVS-EN 1097-5:2001

Identne EN 1097-5:1999

Test for mechanical and physical properties of aggregates - Part 5: Determination of the water content by drying in a ventilated oven

This European standard specifies a procedure for determining the water content of aggregates by drying in a ventilated oven.

Keel en

Asendatud EVS-EN 1097-5:2008

EVS-EN 1097-7:2001

Identne EN 1097-7:1999

Tests for mechanical and physical properties of aggregates - Part 7: Determination of the particle density of filler - Pycnometer method

This standard describes the reference method used for type testing and in cases of dispute, for determining the effect of aggregates on the drying shrinkage of concrete. For other purposes, in particular factory production control, other methods may be used provided an appropriate working relationship with the reference method has been established. This standard is based on the testing of concretes of fixed mix proportions and aggregates of 20 mm maximum size. NOTE 1 Guidance on the use of larger size is given in Annex A. Precision data is not available for variations in size and for variations in the water content of the test concrete. NOTE 2 In those cases where the drying shrinkage of a source of coarse aggregate only or a source of fine aggregate (sand) only are required, the other component to be used should be, respectively, a fine or coarse aggregate of known low shrinkage. NOTE 3 Aggregates with high water demand and/or porosity may in a concrete with a fixed water content result in a mix with insufficient workability to allow full compaction of the test specimens. This is likely to occur with aggregates combinations having a composite water absorption value greater than 3,5% or oven-dried particle densities less than 2,45 Mg/m³ (e.g. for recycled aggregates). In such instances a variation of the method (without precision data) may be carried out by one of the following changes to the concrete mix: (a) use of aggregates in the saturated and surface dry condition. (b) use of water-reducing admixture. A note on the details of any modification to the mix design should be included with the test report.

Keel en

Asendatud EVS-EN 1097-7:2008

EVS-EN 1367-4:2001

Identne EN 1367-4:1998

Täitematerjalide soojuslike omaduste ja ilmastikukindluse katsetamine. Osa 4: Kuivamiskahanemise määramine

Käesolev Euroopa standard esitab meetodi aine kahanemise määramiseks betooni kuivamisel. Standard põhineb kindla koostisega betoonisegude ja kuni 20 mm aineosakeste kasutamisel. MÄRKUS 1. Juhised suuremate aineosakeste kasutamiseks on antud lisas A. Täpsed andmed osakeste suuruse varieerumise ja veesisalduse muutumise kohta betoonis ei ole kättesaadavad. MÄRKUS 2. Nendel juhtudel, kus kuivamiskahanemise põhjus ainult jämedal ainel või peenel ainel (liiv) on teada, peab teine kasutatav komponent ilmselt olema peen või jäme aine teadaolevalt väikese kahanemisega.

Keel en

Asendatud EVS-EN 1367-4:2008

EVS-EN 13164:2003/A1:2006

Identne EN 13164:2001/A1:2004

Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud ekstrudeeritud vahtpolüstüreenitooted (XPS). Spetsifikatsioon

Käesolev standard kehtestab nõuded hoonete soojustamiseks kasutatavatele tehases toodetud kattekihiga või ilma selleta ekstrudeeritud vahtpolüstüreenitootedele. Tooted valmistatakse tahvlite kujul, mis on saadaval ka erineva serva- ja pinna-töötlusega.

Keel et

Asendatud EVS-EN 13164:2006

EVS-EN 13588:2004

Identne EN 13588:2004

Bitumen and bituminous binders - Determination of cohesion of bituminous binders with pendulum test

This European Standard specifies a method for measuring the cohesion of bituminous binders at temperatures in the range of -20 °C to 80 °C and for expressing the relationship between cohesion and temperature.

Keel en

Asendatud EVS-EN 13588:2008

EVS-EN 14488-4:2005

Identne EN 14488-4:2005

Testing sprayed concrete - Part 4: Bond strength of cores by direct tension

This European Standard describes a means of determining the tensile bond between sprayed concrete and substrate of concrete or rock tested in a laboratory as a direct tension test. Bond strength is defined as the capacity to transfer tension between two layers.

Keel en

Asendatud EVS-EN 14488-4:2005+A1:2008

KAVANDITE ARVAMUSKÜSITLUS**EN 1992-2**

Identne EN 1992-2:2005

Tähtaeg 30.07.2008

Eurokoodeks 2: Raudbetoonkonstruktsioonide projekteerimine. Osa 2: Betoonsillad. Arvutus- ja detailiseerimisreeglid. SISALDAB RAHVUSLIKKU LISA

Part 2 of Eurocode 2 gives a basis for the design of bridges and parts of bridges in plain, reinforced and prestressed concrete made with normal and light weight aggregates.

Keel et

Asendab EVS-EN 1992-2:2005

EN 1992-2/NA

Tähtaeg 30.07.2008

Eurokoodeks 2: Raudbetoonkonstruktsioonide projekteerimine. Osa 2: Betoonsillad. Arvutus- ja detailiseerimisreeglid. RAHVUSLIK LISA

Part 2 of Eurocode 2 gives a basis for the design of bridges and parts of bridges in plain, reinforced and prestressed concrete made with normal and light weight aggregates.

Keel et

EN 1992-3

Identne EN 1992-3:2006

Tähtaeg 29.08.2008

Eurokoodeks 2: Raudbetoonkonstruktsioonide projekteerimine. Osa 3: Tammid ja mahutid. SISALDAB RAHVUSLIKKU LISA

Part 3 of EN 1992 covers additional rules to those in Part 1 for the design of structures constructed from plain or lightly reinforced concrete, reinforced concrete or prestressed concrete for the containment of liquids or granular solids.

Keel et

Asendab EVS-EN 1992-3:2006

EN 1992-3/NA

Tähtaeg 29.08.2008

Eurokoodeks 2: Raudbetoonkonstruktsioonide projekteerimine. Osa 3: Tammid ja mahutid. RAHVUSLIK LISA

Part 3 of EN 1992 covers additional rules to those in Part 1 for the design of structures constructed from plain or lightly reinforced concrete, reinforced concrete or prestressed concrete for the containment of liquids or granular solids.

Keel et

EN 1993-2

Identne EN 1993-2 :2006

Tähtaeg 30.07.2008

Eurokoodeks 3: Teraskonstruktsioonide projekteerimine - Osa 2: Terassillad. SISALDAB RAHVUSLIKKU LISA

EN 1993-2 esitab üldised alused terassillade ja komposiitsillade terasest osade projekteerimiseks. Selles esitatakse nõuded, mis täiendavad, modifitseerivad või asendavad vastavaid EN 1993-1 erinevates osades antud nõudeid.

Keel et

Asendab EVS-EN 1993-2:2006

EN 1993-2/NA

Tähtaeg 30.07.2008

Eurokoodeks 3: Teraskonstruktsioonide projekteerimine - Osa 2: Terassillad. RAHVUSLIK LISA

EN 1993-2 esitab üldised alused terassillade ja komposiitsillade terasest osade projekteerimiseks. Selles esitatakse nõuded, mis täiendavad, modifitseerivad või asendavad vastavaid EN 1993-1 erinevates osades antud nõudeid.

Keel et

EN 1993-1-4/NA

Tähtaeg 30.07.2008

Eurokoodeks 3: Teraskonstruktsioonide projekteerimine. Osa 1-4: Üldreeglid. Täiendavad reeglid roostevabas terase jaoks. RAHVUSLIK LISA

EN 1993 osa 1-4 annab hoonete ja rajatiste projekteerimiseks täiendavad reeglid, mis laiendavad ja modifitseerivad standardite EN 1993-1-1, EN 1993-1-3, EN 1993-1-5 ja EN 1993-1-8 kasutamist austeniitsete, austeniit-ferritsete ferritsete roostevabade teraste puhul.

Keel et

EN 1993-1-4

Identne EN 1993-1-4:2006

Tähtaeg 30.07.2008

Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 1-4: Üldreeglid. Täiendavad reeglid roostevas terase jaoks. SISALDAB RAHVUSLIKKU LISA

EN 1993 osa 1-4 annab hoonete ja rajatiste projekteerimiseks täiendavad reeglid, mis laiendavad ja modifitseerivad standardite EN 1993-1-1, EN 1993-1-3, EN 1993-1-5 ja EN 1993-1-8 kasutamist austeniitsete, austeniit-ferritsete ferritsete roosteabade teraste puhul.

Keel et

Asendab EVS-EN 1993-1-4:2006

EN 1993-1-5

Identne EN 1993-1-5:2006

Tähtaeg 29.06.2008

Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 1-5: Üldist. Tasapinnalised konstruksioonelemendid. SISALDAB RAHVUSLIKKU LISA

EN 1993-1-5 esitab nõuded tugevdusribidega ja ilma ribideta plaatide kohta, millele mõjuvuvad samapinnalised jõud.

Keel et

Asendab EVS-EN 1993-1-5:2006

EN 1993-1-5/NA

Tähtaeg 29.06.2008

Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 1-5: Tasapinnalised konstruksioonelemendid. RAHVUSLIK LISA

EN 1993-1-5 esitab nõuded tugevdusribidega ja ilma ribideta plaatide kohta, millele mõjuvuvad samapinnalised jõud.

Keel et

EN 12336:2005/prA1

Identne EN 12336:2005/prA1:2008

Tähtaeg 30.07.2008

Läbindusmasinad. Varjestusega läbindusmasinad, rõhtpuurimismasinad, tigupuurmasinad, vooderdusmasinad. Ohutusnõuded

This European Standard is applicable to all types of shield machines and associated back up equipment, thrust boring machines, auger boring machines and lining erection equipment. It specifies the essential safety requirements for the design, installation, maintenance, and information for use of such machines.

Keel en

EN 13561:2004/prA1

Identne EN 13561:2008/prA1:2008

Tähtaeg 30.07.2008

Välirulood. Toimivus- ja ohutusnõuded

This European Standard specifies the performance requirements which external blinds shall fulfil when fitted to a building. It deals also with the significant hazards for construction, transport, installation, operation and maintenance of the external blinds (see list of significant machine hazards in annex B)

Keel en

EN 13659:2004/prA1

Identne EN 13659:2004/prA1:2008

Tähtaeg 30.07.2008

Luugid. Toimivus- ja ohutusnõuded

This European Standard specifies the performance requirements which shutters shall fulfil when fitted within a building. It deals also with the significant hazards for construction, transport, installation, operation and maintenance of the shutters (see list of significant machine hazards in annex C)

Keel en

EN 13967:2005/prA2

Identne EN 13967:2004/prA2:2008

Tähtaeg 30.07.2008

Elastsed niiskuisolatsioonimaterjalid. Plastikust ja kummist niiskuskindlad isolatsioonimaterjalid, kaasa arvatud kummist ja plastmaterjalist keldrite hüdroisolatsioonimaterjalid. Definitsioonid ja omadused

This European Standard specifies definitions and characteristics of flexible plastic and rubber sheets for which the intended use is as damp proofing for buildings, including basement tanking. It specifies the requirements and test methods and provides for the evaluation of conformity of the products with the requirements of this standard.

Keel en

EN 14909:2006/prA1

Identne EN 14909:2006/prA1:2008

Tähtaeg 30.07.2008

Elastsed niiskuisolatsioonimaterjalid. Plastikust ja kummist hüdroisolatsioonikihid. Määratlused ja omadused

This European Standard specifies the characteristics of flexible sheets of plastics and rubber intended for use as damp proof courses for buildings. It specifies the requirements and test methods and provides for the evaluation of conformity of the products with the requirements of this European Standard.

Keel en

EN 50164-3:2006/FprA1

Identne EN 50164-3:2006/FprA1:2008

Tähtaeg 30.07.2008

Lightning Protection Components (LPC) - Part 3: Requirements for isolating spark gaps

This European Standard specifies the requirements and tests for isolating spark gaps (ISG) for lightning protection systems. ISG's can be used to indirectly bond a lightning protection system to other nearby metalwork where a direct bond is not permissible for functional reasons.

Keel en

FprEN 50164-6

Identne FprEN 50164-6:2008

Tähtaeg 30.07.2008

Lightning Protection Components (LPC) - Part 6: Requirements for lightning strike counters

This European Standard specifies the requirements and tests for devices intended to count the number of lightning strike pulses flowing in a conductor. This conductor may be part of a lightning protection system (LPS) or part of a surge protective device (SPD) installation.

Keel en

prCEN/TS 15810

Identne prCEN/TS 15810:2008

Tähtaeg 30.07.2008

Graphical symbols for use on integrated building automation equipment

This document provides a synopsis of graphical symbols which are intended to be placed on building equipments and/or technical documentation of products in order to instruct the person(s) using the equipments. These graphical symbols are primary intended: - To identify control or automation or technical management equipments or part of these equipments: electronic devices (e.g. controller, scheduler, optimiser...), sensors, actuators. - To indicate functions and their operating modes. - To indicate settings for modes and functions parameters introduction. - To designate connexions. - To provide instruction to users (professional and/or end user) for the operation of the equipment. The graphical symbols in this document are not primarily intended for: - Safety signs. - Public information. - Schematics for systems principles.

Keel en

prCEN/TR 81-10

Identne prCEN/TR 81-10:2008

Tähtaeg 30.07.2008

Safety rules for the construction and installation of lifts - Basics and interpretations - Part 10: System of the EN 81 series of standards

This Technical Report describes the system of the EN 81 series of standards. As long as the internal rules of CEN do not specify provisions to handle interpretations, this Technical Report also describes the procedure for interpretations to be followed by the working groups of CEN/TC 10.

Keel en

prEN 196-6

Identne prEN 196-6:2008

Tähtaeg 30.07.2008

Tsemendi katsetamine. Osa 6: Peenuse määramine

This European Standard describes three methods of determining the fineness of cement. The sieving method serves only to demonstrate the presence of coarse cement particles. This method is primarily suited to checking and controlling the production process. The air-jet sieving method measures the retention on sieving being suitable for particles which substantially pass a 2,0 mm test sieve and can be used to determine the particle size distribution of agglomerates of very fine particles. This method uses test sieves with aperture sizes of 0,06 mm and 0,09 mm. The air permeability method (Blaine) measures the specific surface (mass related surface) by comparison with a reference cement sample. The determination of the specific surface serves primarily to check the consistency of the grinding process of one and the same plant. This method only enables a limited assessment to be made of the properties of the cement in use.1) The methods are applicable to all the cements defined in EN 197.

Keel en

Asendab EVS-EN 196-6:1997

prEN 13162

Identne prEN 13162:2008

Tähtaeg 30.07.2008

Ehitiste soojaisolatsioonitooted. Tööstuslikult valmistatud mineraalvilla (MW) tooted.**Spetsifikatsioon**

This European Standard specifies the requirements for factory made mineral wool products, with or without facings, which are used for the thermal insulation of buildings. The products are manufactured in the form of rolls, batts, boards or slabs. This European Standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. Products covered by this European Standard are also used in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered. This European Standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The levels required for a given application are to be found in regulations or non-conflicting standards. Products with a declared thermal resistance lower than 0,25 m²·K/W or a declared thermal conductivity greater than 0,060 W/(m·K) at 10 °C are not covered by this European Standard. This European Standard does not cover in situ insulation products and products intended to be used for the insulation of building equipment and industrial installations.

Keel en

Asendab EVS-EN 13162:2002

prEN 13163

Identne prEN 13163:2008

Tähtaeg 30.07.2008

Ehitiste soojaisolatsioonitooted. Tööstuslikult valmistatud vahtpolüstüreenitooted (EPS).**Spetsifikatsioon**

This European Standard specifies the requirements for factory made products of expanded polystyrene, with or without facings or coatings, which are used for the thermal insulation of buildings. The products are manufactured in the form of boards or rolls or other preformed ware. This European Standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. Products covered by this European Standard are also used for sound insulation and in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered. This European Standard does not specify the required class or level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The classes and levels required for a given application are to be found in regulations or non-conflicting standards. Products with a declared thermal resistance lower than 0,25 m²·K/W or a declared thermal conductivity at 10 °C greater than 0,060 W/(m·K) are not covered by this European Standard.

Keel en

Asendab EVS-EN 13163:2007

prEN 13164

Identne prEN 13164:2008

Tähtaeg 30.07.2008

Ehitiste soojaisolatsioonitooted. Tööstuslikult valmistatud pressitud vahtpolüstereentooted (XPS). Spetsifikatsioon

This European Standard specifies the requirements for factory made products of extruded polystyrene foam, with or without facings or coatings, which are used for thermal insulation of buildings. The products are manufactured in the form of boards, which are also available with special edge and surface treatment (tongue & grooves, shiplap etc.). This European Standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. Products covered by this European Standard are also used in prefabricated thermal insulating systems and composite panels; the performance of systems incorporating these products is not covered. This European Standard also covers multilayered insulation boards. This European Standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The levels required for a given application are to be found in regulations or non-conflicting standards. Products with a declared thermal resistance lower than $0,25 \text{ m}^2 \cdot \text{K/W}$ or a declared thermal conductivity greater than $0,060 \text{ W}/(\text{m} \cdot \text{K})$ at $10 \text{ }^\circ\text{C}$ are not covered by this European Standard. This European Standard does not cover in situ insulation products and products intended to be used for the insulation of building equipment and industrial installations or products intended for acoustic insulation.

Keel en

Asendab EVS-EN 13164:2006

prEN 13165

Identne prEN 13165:2008

Tähtaeg 30.07.2008

Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud jäigast vahtpolüüretaanist (PUR) tooted. Spetsifikatsioon

This European Standard specifies the requirements for factory made rigid polyurethane foam (PUR) products, with or without rigid or flexible facings or coatings and with or without integral reinforcement, which are used for the thermal insulation of buildings. PUR also includes polyisocyanurate foam (PIR). The products are manufactured in the form of boards. This European Standard also covers the thermal performance of composite panels in which polyurethane rigid foam is the main insulant. This European Standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. Products covered by this European Standard are also used in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered. This European Standard does not specify the required class/level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The classes/levels required for a given application are to be found in regulations or non-conflicting standards. Products with a declared thermal resistance lower than $0,05 \text{ m}^2 \cdot \text{K/W}$ or a declared thermal conductivity greater than $0,1 \text{ W}/(\text{m} \cdot \text{K})$ at $10 \text{ }^\circ\text{C}$ are not covered by this European Standard. This European Standard does not cover in situ insulation products, products intended to be used for the insulation of building equipment and industrial installations. This European Standard does not cover the acoustical aspect of impact noise transmission.

Keel en

Asendab EVS-EN 13165:2002

prEN 13166

Identne prEN 13166:2008

Tähtaeg 30.07.2008

Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud fenovahust (PF) tooted. Spetsifikatsioon

This European Standard specifies the requirements for factory made products of phenolic foam, with or without facings, which are used for the thermal insulation of buildings. The products are manufactured in the form of boards and laminates. This European Standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. Products covered by this European Standard are also used in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered. This European Standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The levels required for a given application are to be found in regulations or non-conflicting standards. Products with a declared thermal resistance lower than $0,40 \text{ m}^2 \cdot \text{K/W}$ or a declared thermal conductivity greater than $0,050 \text{ W}/(\text{m} \cdot \text{K})$ at $10 \text{ }^\circ\text{C}$ are not covered by this European Standard. This European Standard does not cover in-situ insulation products, products intended to be used for the insulation of building equipment and industrial installations or products intended for acoustic insulation.

Keel en

Asendab EVS-EN 13166:2002

prEN 13167

Identne prEN 13167:2008

Tähtaeg 30.07.2008

Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud vahtklaasist (CG) tooted.**Spetsifikatsioon**

This European Standard specifies the requirements for factory made cellular glass products, with or without facings, which are used for the thermal insulation of buildings. The products are manufactured in the form of boards or slabs. This European Standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. Products covered by this standard are also used in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered. This European Standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The levels required for a given application are to be found in regulations or non-conflicting standards. Products with a declared thermal resistance lower than $0,50 \text{ m}^2 \cdot \text{K/W}$ or a declared thermal conductivity greater than $0,065 \text{ W/(m} \cdot \text{K)}$ at $10 \text{ }^\circ\text{C}$ are not covered by this European Standard. This European Standard does not cover products intended to be used for the insulation of building equipment and industrial installations. This European Standard does not cover the following acoustical aspects: Direct airborne sound insulation and impact noise transmission.

Keel en

Asendab EVS-EN 13167:2002

prEN 13168

Identne prEN 13168:2008

Tähtaeg 30.07.2008

Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud fibroliidist (WW) tooted. Spetsifikatsioon

This European Standard specifies the requirements for factory made products of wood wool, with or without facings, which are used for the thermal insulation of buildings. This European Standard also specifies the requirements for the factory made composite products, made from wood wool in combination with other insulation materials. The products are manufactured in the form of boards or slabs. This European Standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. Products covered by this European Standard are also used in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered. This European Standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The levels/classes required for a given application are to be found in regulations or non-conflicting standards. Products with a declared thermal resistance lower than $0,15 \text{ m}^2 \cdot \text{K/W}$ or a declared thermal conductivity greater than $0,1 \text{ W/(m} \cdot \text{K)}$ at $10 \text{ }^\circ\text{C}$ are not covered by this European Standard. This European Standard does not cover in situ insulation products and products intended to be used for the insulation of building equipment and industrial installations. This European Standard does not cover the following acoustical aspects: direct airborne sound insulation and impact noise transmission.

Keel en

Asendab EVS-EN 13168:2002

prEN 13169

Identne prEN 13169:2008

Tähtaeg 30.07.2008

Ehituslikud soojusisolatsioonitooted. Tööstuslikult valmistatud paisutatud perliidist (EPB) tooted.**Spetsifikatsioon**

This European Standard specifies the requirements for factory made products of expanded perlite, with or without facings or coatings, which are used for the thermal insulation of buildings. The products are manufactured in the form of boards or multi-layered insulation. This European Standard also covers composite insulation boards (see Annex D). This European Standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. Products covered by this European Standard are also used in prefabricated thermal insulating systems and composite panels; the performance of systems incorporating these products is not covered. This European Standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The levels required for a given application are to be found in regulations or non-conflicting standards. Products with a declared thermal resistance lower than $0,20 \text{ m}^2 \cdot \text{K/W}$ or a declared thermal conductivity greater than $0,070 \text{ W/(m} \cdot \text{K)}$ at $10 \text{ }^\circ\text{C}$ are not covered by this European Standard. This European Standard does not cover in situ insulation products and products intended to be used for the insulation of building equipment and industrial installations. This European Standard does not cover the following acoustical aspects: Acoustic absorption index and direct airborne sound insulation.

Keel en

Asendab EVS-EN 13169:2002

prEN 13170

Identne prEN 13170:2008

Tähtaeg 30.07.2008

Ehituslikud soojusisolatsioonitooted. Tehases toodetud paisutatud korgist (ICB) tooted. Tehnilised tingimused

This European Standard specifies the requirements for factory made products of expanded cork, which are used for the thermal insulation of buildings. The products are made with granulated cork agglomerated without additional binders and are delivered as boards without facings. This European Standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking, labelling and packaging. Products covered by this European Standard are also used in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered. This European Standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The levels required for a given application are to be found in regulations or non-conflicting standards. Products with a declared thermal resistance lower than $0,25 \text{ m}^2 \cdot \text{K/W}$, at $10 \text{ }^\circ\text{C}$, or a declared thermal conductivity greater than $0,060 \text{ W/(m} \cdot \text{K)}$, at $10 \text{ }^\circ\text{C}$, are not covered by this European Standard.

Keel en

Asendab EVS-EN 13170:2002

prEN 13171

Identne prEN 13171:2008

Tähtaeg 30.07.2008

Ehituslikud soojaisolatsioonitooted. Tööstuslikult valmistatud puitkiust (WF) tooted. Spetsifikatsioon

This European Standard specifies the requirements for factory made wood fibre products, with or without facings or coatings, which are used for the thermal insulation of buildings¹. The products are manufactured in the form of rolls, batts, felts, boards or slabs. This European Standard describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. Products covered by this European Standard are also used in prefabricated thermal insulation systems and composite panels; the performance of systems incorporating these products is not covered. This European Standard does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The classes and levels required for a given application are to be found in regulations or non-conflicting standards. Products with a declared thermal resistance lower than 0,50 m² · K/W or a declared thermal conductivity greater than 0,070 W/(m · K) at 10 °C are not covered by this European Standard. This European Standard does not cover in situ insulation products and products intended to be used for the insulation of building equipment and industrial installations.

Keel en

Asendab EVS-EN 13171:2002

prEN 15805

Identne prEN 15805:2008

Tähtaeg 30.07.2008

Particulate air filters for general ventilation - Standardised dimension

Standardisation of the filter face dimensions (where applicable, the dimensions of the header frames) of air filters for general ventilation to be used in heating, ventilating and air conditioning (HVAC) systems. Corresponding holding frame dimensions are listed.

Keel en

prEN 15812

Identne prEN 15812:2008

Tähtaeg 29.08.2008

Polymer modified bituminous thick coatings - Determination of crack-bridging capacity

This European Standard specifies two methods (method A or method B) for determining the crack-bridging properties of polymer modified bituminous thick coatings. The two test methods may be applied equally. This European Standard has been prepared for applications in below ground structures, but it may also be used in other areas, where water proofing is relevant, e. g. balconies or wet rooms.

Keel en

prEN 15813

Identne prEN 15813:2008

Tähtaeg 29.08.2008

Polymer modified bituminous thick coatings - Determination of flexibility at low temperatures

This European Standard specifies a procedure for determining the flexibility of polymer modified bituminous thick coatings at low temperatures. This European Standard has been prepared for applications in below ground structures, but it may also be used in other areas where waterproofing is relevant, e. g. balconies or wet rooms.

Keel en

prEN 15814

Identne prEN 15814:2008

Tähtaeg 29.08.2008

Polymer modified bituminous thick coatings for waterproofing - Definitions and requirements

This European Standard specifies the definitions and requirements of normally inflammable polymer modified bituminous thick coatings used for the waterproofing of buildings. It applies to both one-component and two-component products. These products can be used with or without inlay. This European Standard does not apply to products that are to be used for roof waterproofing.

Keel en

prEN 15815

Identne prEN 15815:2008

Tähtaeg 29.08.2008

Polymer modified bituminous thick coatings - Resistance to compression

This European Standard specifies a procedure for determining the resistance to compression of polymer modified bituminous thick coatings. This European Standard has been prepared for applications in below ground structures, but it may also be used in other areas, where waterproofing is relevant, e.g. balconies or wet rooms.

Keel en

prEN 15816

Identne prEN 15816:2008

Tähtaeg 29.08.2008

Polymer-modified bituminous thick coatings - Resistance to rain

This European Standard specifies a procedure for determining the resistance to rain of polymer modified bituminous thick coatings. This European Standard has been prepared for applications in below ground structures, but it may also be used in other areas where waterproofing is relevant, e. g. balconies or wet rooms.

Keel en

prEN 15817

Identne prEN 15817:2008

Tähtaeg 29.08.2008

Polymer modified bituminous thick coatings - Water resistance

This European Standard specifies a procedure determining the water resistance of polymer modified bituminous thick coatings. This European Standard has been prepared for applications in below ground structures, but it may also be used in other areas where waterproofing is relevant, e. g. balconies or wet rooms.

Keel en

prEN 15818

Identne prEN 15818:2008

Tähtaeg 29.08.2008

Polymer modified bituminous thick coatings - Determination of dimensional stability at high temperature

This European Standard specifies a procedure for determining the dimensional stability at a high temperature of polymer modified bituminous thick coatings. This European Standard has been prepared for applications in below ground structures, but it may also be used in other areas where water proofing is relevant, e. g. balconies or wet rooms.

Keel en

prEN 15819

Identne prEN 15819:2008

Tähtaeg 29.08.2008

Polymer modified bituminous thick coatings - Reduction of the thickness of the layer when fully dried

This European Standard specifies a procedure for determining the reduction in the thickness of polymer modified bituminous thick coatings due to drying. This European Standard has been prepared for applications in below ground structures, but it may also be used in other areas, where water proofing is relevant, e. g. balconies or wet rooms.

Keel en

prEN 15820

Identne prEN 15820:2008

Tähtaeg 29.08.2008

Polymer modified bituminous thick coatings - Determination of watertightness

This European Standard specifies a procedure for determining the watertightness of polymer modified bituminous thick coatings (i. e. the resistance to hydraulic pressure). This European Standard has been prepared for applications in below ground structures, but it may also be used in other areas where waterproofing is relevant, e. g. balconies or wet rooms.

Keel en

prEN ISO 14713-3

Identne prEN ISO 14713-3:2008

ja identne ISO/DIS 14713-3:2008

Tähtaeg 30.07.2008

Guidelines and recommendations for the protection against corrosion of iron and steel in structures - Zinc coatings - Part 3: Sherardizing

This international standard provides guidance and recommendations regarding the general principles of design that are appropriate for articles to be sherardized for corrosion protection. The protection afforded by the sherardized coating to the article will depend upon the method of application of the coating, the design of the article and the specific environment to which the article is exposed. The sherardized article may be further protected by application of additional coatings (outside the scope of this international standard) such as organic coatings (wet paints or powder coatings). When applied to sherardized articles, this combination of coatings is often known as a 'duplex system'. General guidance on this subject can be found in ISO EN 12944-5 and EN 13438. The maintenance of corrosion protection in service for steel with sherardized coatings is outside the scope of this international standard. Specific product related requirements (e.g. for sherardized coatings on fasteners or tubes etc.) would take precedence over these general recommendations.

Keel en

prEN ISO 14713-2

Identne prEN ISO 14713-2:2008

ja identne ISO/DIS 14713-2:2008

Tähtaeg 30.07.2008

Guidelines and recommendations for the protection against corrosion of iron and steel in structures - Zinc coatings - Part 2: Hot dip galvanizing

This international standard provides guidance and recommendations regarding the general principles of design which are appropriate for articles to be hot dip galvanized for corrosion protection. The protection afforded by the hot dip galvanized coating to the article will depend upon the method of application of the coating, the design of the article and the specific environment to which the article is exposed. The hot dip galvanized article may be further protected by application of additional coatings (outside the scope of this standard) such as organic coatings (paints or powder coatings). When applied to hot dip galvanized articles, this combination of coatings is often known as a 'duplex-system'. These guidelines and recommendations do not deal with the maintenance of corrosion protection in service for steel with hot dip galvanized coatings. Guidance on this subject can be found in ISO 12944-5. Specific product related requirements (e.g. for hot dip galvanized coatings on tubes or fasteners, etc.) will take precedence over these general recommendations.

Keel en

Asendab EVS-EN ISO 14713:2001

prEN ISO 14713-1

Identne prEN ISO 14713-1:2008

ja identne ISO/DIS 14713-1:2008

Tähtaeg 30.07.2008

Guidelines and recommendations for the protection against corrosion of iron and steel in structures - Zinc coatings - Part 1: General principles of design and corrosion resistance

This international standard provides guidance and recommendations regarding the general principles of design which are appropriate for articles to be zinc coated for corrosion protection and the level of corrosion resistance provided by zinc coatings applied to iron or steel articles, exposed to a variety of environments. Initial protection is covered in relation to; a) available standard processes b) design considerations, and c) environments of use. These guidelines and recommendations do not deal with the maintenance of corrosion protection in service for steel with zinc coatings. Guidance on this subject can be found in ISO 12944-5. Note: There are a variety of product related standards (e.g. for nails, fasteners, ductile iron pipes etc.) which provide specific requirements for the applied zinc coating systems which go beyond any general guidance presented here. These specific product related requirements will take precedence over these general recommendations.

Keel en

Asendab EVS-EN ISO 14713:2001

93 RAJATISED

UUED STANDARDID

EN 1916:2003/AC:2008

Hind 0,00

Identne EN 1916:2002/AC:2008

Betoontorud ja liitmikud, sarrustamata ja teraskiu või sarrusega sarrustatud

Keel en

EN 1917:2003/AC:2008

Hind 0,00

Identne EN 1917:2002/AC:2008

Betoonist kaevud ja kontrollkaevud, sarrustamata ja teraskiu või sarrusega sarrustatud

Keel en

EVS-EN 13036-8:2008

Hind 141,00

Identne EN 13036-8:2008

Road and airfield surface characteristics - Test methods - Part 8: Determination of transverse unevenness indices

This European Standard defines the different transverse unevenness indices of the pavement surface of roads and airfields and the appropriate methods of evaluation and reporting. The indices have been defined principally independent of the measurement device. This European Standard focuses on transverse unevenness measurements for the following three purposes: - indices to provide a means for quality control of pavement surfaces of newly laid pavements, especially with respect to crossfall and the evidence of irregularities due to improper laying and/or compacting action. - indices to be used for evaluating the condition of pavements in service as part of routine condition monitoring programs. They are intended to detect transverse deformations caused by the traffic, pavement wear or subsurface movement. - indices to be used for resurfacing activities on pavements in use. The parameters and evaluation methods are applicable both for roads and airfields.

Keel en

EVS-EN 13588:2008

Hind 132,00

Identne EN 13588:2008

Bitumen and bituminous binders - Determination of cohesion of bituminous binders with pendulum test

This European Standard specifies a method for measuring the cohesion of bituminous binders at temperatures in the range of (- 10 °C) to (+ 80 °C) and for expressing the relationship between cohesion and temperature. This method is applicable for pure bitumen, modified bitumen and fluxed bitumen; in the case of fluxed bitumen, the test can be performed on the binder containing fluxant or on binder from which the solvent has been removed. For bitumen emulsions, the test is carried out on the residual binder obtained after recovery and the method used to recover the binder should be reported. WARNING — The use of this European Standard may involve hazardous materials, operations and equipment. This European Standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this European Standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 13588:2004

EVS-EN 13848-5:2008

Hind 151,00

Identne EN 13848-5:2008

Raudteelased rakendused. Rööbastee. Rööbastee geomeetiline kvaliteet. Osa 5: Geomeetrilise kvaliteedi tasemed

This European Standard defines the minimum requirements for the quality levels of track geometry, and specifies the safety related limits for each parameter as defined in EN 13848-1. This standard covers the following topics: - description of quality levels; - relative importance of parameters; - immediate action limit; - considerations on other quality levels. This European Standard applies to high-speed and conventional plain line of 1 435 mm and wider gauge railways provided that the vehicles operated on those lines comply with EN 14363 and other vehicle safety standards. For lines covered by the high speed infrastructure TSI, the requirements stated in the HS INS TSI prevail. Any track geometry parameter not covered by the HS INS TSI needs to be compliant with this European Standard.

Keel en

EVS-ISO 24511:2008

Hind 233,00

ja identne ISO 24511:2007

Joogivee- ja kanalisatsiooniteenustega seotud tegevused. Juhised kanalisatsiooniteenust pakkuvate ettevõtete juhtimiseks ning kanalisatsiooniteenuste hindamiseks

Käesolev rahvusvaheline standard sätestab juhtnöörid kanalisatsiooniteenust pakkuvate ettevõtete juhtimiseks ning kanalisatsiooniteenuste hindamiseks. Käesolev rahvusvaheline standard on kohaldatav avalikule sektorile ja eraomandis olevatele ning opereeritavatele kanalisatsiooniteenust pakkuvatele ettevõtetele, kuid see ei soosi mistahes spetsiaalset omandi- või opereerimismudelit. MÄRKUS 1. Alati kui kasutatakse või tarbitakse vett, tekib reovesi. Vastavalt, võib reovesi pärineda erinevatest allikatest – elamutest, tööstusest, kaubandusest või asutustest. Kogutud sadevett või (sulanud) lund võib samuti pidada reoveeks, kuna tihti peale kannavad need teel kogumissüsteemi õhust või maapinnalt kogutud saasteaineid ja patogeene. Teatud tingimustel, eriti arendamata piirkondades, kogutakse sanitaarjätmeid lahjendamata kujul. Käesolev rahvusvaheline standard käsitleb kanalisatsioonisüsteemi tervikuna ning on kohaldatav süsteemidele mistahes arengujärgus (näit. käimlakastid, kohalikud süsteemid, võrgud, puhastid). Käesoleva rahvusvahelise standardi ulatus hõlmab järgmisi aspekte: erinevatele huvigruppidele ühise keele definitsioon; kanalisatsiooniteenuseid pakkuva ettevõtte eesmärgid; kanalisatsiooniteenuseid pakkuva ettevõtte juhtimise juhendid; teenuse hindamise kriteeriumid ja sellega seonduvad tulemuslikkuse näitajate näited, seadmata mistahes sihtväärtusi või künniseid. Käesoleva rahvusvahelise standardi ulatus ei hõlma järgmisi aspekte: kanalisatsioonisüsteemide projekteerimise ja ehituse meetodid; kanalisatsiooniteenustega seotud tegevuste opereerimise ja juhtimise juhtimisstruktuuri ja meetoodika reguleerimine; lepingute ja alltöövõtulepingute sisu reguleerimine; hoonetesiseste, pургimiskoha ja kogumiskoha vaheliste süsteemidega seotud teemad. MÄRKUS 2. Käesolev rahvusvaheline standard, ISO 24511 ja ISO 24512 hõlmavad rida standardeid, mis käsitlevad veeteenuseid. Seetõttu on soovitatav kasutada neid kolme rahvusvahelist standardit koos. MÄRKUS 3. Punktis 2 väljatoodud terminite ja definitsioonide nimekiri on ühine nii käesolevale rahvusvahelisele standardile, kui ka ISO 24511 ja ISO 24512. MÄRKUS 4. Lisa A sisaldab kolme tabelit, milles kasutatakse samaväärseid termineid inglise, prantsuse ja hispaania keeles.

Keel en

EVS-ISO 24512:2008

Hind 233,00

ja identne ISO 24512:2007

Joogivee- ja kanalisatsiooniteenustega seotud tegevused. Juhised joogiveeteenust pakkuvate ettevõtete juhtimiseks ja joogiveeteenuste hindamiseks

Käesolev rahvusvaheline standard sätestab juhtnõõrid joogiveeteenust pakkuvate ettevõtete juhtimiseks ning joogiveeteenuste hindamiseks. Käesolev rahvusvaheline standard on kohaldatav avalikule sektorile ja eraomandis olevatele ning opereeritavatele kanalisatsiooniteenust pakkuvatele ettevõtetele. See ei soosi mistahes spetsiaalset omandi- või opereerimismudelit. Käesolev rahvusvaheline standard käsitleb joogiveesüsteemi tervikuna ning on kohaldatav süsteemidele mistahes arengujärgus (näit. kohalikud süsteemid, jaotusvõrgud, puhastid). Käesoleva rahvusvahelise standardi ulatus hõlmab järgmiseid aspekte: erinevatele huvigruppidele ühise keele definitsioon; joogiveevarustusesüsteemi komponentide definitsioon; joogiveeteenuseid pakkuva ettevõtte juhtimise juhendid; juhtnõõrid eesmärkide seadmiseks, teenuse hindamise kriteeriumid ja sellega seonduvad tulemuslikkuse näitajad, mis on sobivad joogiveeteenuste hindamiseks. Käesoleva rahvusvahelise standardi ulatus ei hõlma järgmiseid aspekte: sihtväärtused ja künnised väljapakutud eesmärkidele, teenuse hindamise kriteeriumitele ja sellega seonduvatele tulemuslikkuse näitajatele; joogiveesüsteemide projekteerimise ja ehitamisega seotud küsimused; joogiveeteenuseid pakkuva ettevõtte juhtimisstruktuuriga seotud küsimused; joogiveeteenuste reguleerimisega seotud küsimused, k.a. juhtimis- ja tootmistegevus; lepingute ja alltöövõtulepingute sisu reguleerimisega seotud küsimused; varustuskoha ja kasutuskoha vahelised seadmed. MÄRKUS 1. Käesolev rahvusvaheline standard, ISO 24511 ja ISO 24512 hõlmavad rida standardeid, mis käsitlevad veeteenuseid. Seetõttu on soovitatav kasutada neid kolme rahvusvahelist standardit koos. MÄRKUS 2 Punktis 2 väljatoodud terminite ja definitsioonide nimekiril on ühine nii käesolevale rahvusvahelisele standardile, kui ka ISO 24511 ja ISO 24512.

MÄRKUS 3. Lisa A sisaldab kolme tabelit, milles kasutatakse samaväärseid termineid inglise, prantsuse ja hispaania keeles.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 13588:2004

Identne EN 13588:2004

Bitumen and bituminous binders - Determination of cohesion of bituminous binders with pendulum test

This European Standard specifies a method for measuring the cohesion of bituminous binders at temperatures in the range of -20 °C to 80 °C and for expressing the relationship between cohesion and temperature.

Keel en

Asendatud EVS-EN 13588:2008

KAVANDITE ARVAMUSKÜSITLUS

EN 500-2:2006/prA1

Identne EN 500-2:2006/prA1:2008

Tähtaeg 30.07.2008

Liikuvad tee-ehitusmasinad. Ohutus. Osa 2: Erinõuded teefreesimismasinadele

This part of EN 500 specifies the safety requirements for road-milling machines as defined in Clause 3 and deals with all significant hazards, hazardous situations and events relevant to these machines, when they are used as intended and under conditions of misuse which are reasonably foreseeable.

Keel en

EN 500-3:2006/prA1

Identne EN 500-3:2006/prA1:2008

Tähtaeg 30.07.2008

Liikuvad tee-ehitusmasinad. Ohutus. Osa 3: Erinõuded pinnasestabiliseerimis- ja ümbertöötlusmasinatele

This part of EN 500 specifies the safety requirements for soil-stabilising machines and recycling machines as defined in Clause 3 and deals with all significant hazards, hazardous situations and events relevant to these machines, when they are used as intended and under conditions of misuse which are reasonably foreseeable.

Keel en

EN 500-6:2006/prA1

Identne EN 500-6:2006/prA1:2008

Tähtaeg 30.07.2008

Liikuvad tee-ehitusmasinad. Ohutus. Osa 6: Erinõuded laoturitele

This part of EN 500 specifies the safety requirements for paver-finishers as defined in Clause 3 and deals with the significant hazards relevant to these machines, when they are used as intended and under conditions of misuse which are reasonably foreseeable. This part of prEN 500 contains additional requirements to prEN 500-1 "Common requirements".

Keel en

EN 1436:2007/prA1

Identne EN 1436:2007/prA1:2008

Tähtaeg 30.07.2008

Teekattemärgised. Eksploatatsiooniomadused teede kasutajatele

Käesolev standard määratleb teekasutajate jaoks valgete ja kollaste märgiste toimimise, mis väljendub nende peegeldumises päevalguses ja teevalgustuses, tagasipeegeldumises sõiduki esitulede valguses, värvis ja libisemiskindluses.

Keel et

EN 1992-2

Identne EN 1992-2:2005

Tähtaeg 30.07.2008

Eurokoodeks 2: Raudbetoonkonstruktsioonide projekteerimine. Osa 2: Betoonsillad. Arvutus- ja detailiseerimisreeglid. SISALDAB RAHVUSLIKKU LISA

Part 2 of Eurocode 2 gives a basis for the design of bridges and parts of bridges in plain, reinforced and prestressed concrete made with normal and light weight aggregates.

Keel et

Asendab EVS-EN 1992-2:2005

EN 1992-2/NA

Tähtaeg 30.07.2008

Eurokoodeks 2: Raudbetoonkonstruktsioonide projekteerimine. Osa 2: Betoonsillad. Arvutus- ja detailiseerimisreeglid. RAHVUSLIK LISA

Part 2 of Eurocode 2 gives a basis for the design of bridges and parts of bridges in plain, reinforced and prestressed concrete made with normal and light weight aggregates.

Keel et

EN 1993-2/NA

Tähtaeg 30.07.2008

Eurokoodeks 3: Teraskonstruktsioonide projekteerimine - Osa 2: Terassillad. RAHVUSLIK LISA

EN 1993-2 esitab üldised alused terassildade ja komposiitsildade terasest osade projekteerimiseks. Selles esitatakse nõuded, mis täiendavad, modifitseerivad või asendavad vastavaid EN 1993-1 erinevates osades antud nõudeid.

Keel et

EN 1993-2

Identne EN 1993-2 :2006

Tähtaeg 30.07.2008

Eurokoodeks 3: Teraskonstruktsioonide projekteerimine - Osa 2: Terassillad. SISALDAB RAHVUSLIKKU LISA

EN 1993-2 esitab üldised alused terassildade ja komposiitsildade terasest osade projekteerimiseks. Selles esitatakse nõuded, mis täiendavad, modifitseerivad või asendavad vastavaid EN 1993-1 erinevates osades antud nõudeid.

Keel et

Asendab EVS-EN 1993-2:2006

EN 12336:2005/prA1

Identne EN 12336:2005/prA1:2008

Tähtaeg 30.07.2008

Läbindusmasinad. Varjestusega läbindusmasinad, rõhtpuurimismasinad, tigupuurmasinad, vooderdusmasinad. Ohutusnõuded

This European Standard is applicable to all types of shield machines and associated back up equipment, thrust boring machines, auger boring machines and lining erection equipment. It specifies the essential safety requirements for the design, installation, maintenance, and information for use of such machines.

Keel en

prEN 476

Identne prEN 476:2008

Tähtaeg 30.07.2008

General requirements for components used in drains and sewers

This European Standard specifies general requirements for components such as pipes, fittings and manholes with their respective joints intended for use in discharge pipes, drains and sewers which operate as gravity systems where any pressure likely to occur is a maximum of 40 kPa. It also specifies general requirements for components used in hydraulically and pneumatically pressurized discharge pipes, drains and sewers and provides basic specifications and minimum requirements to be respected in all product standards for this application. This European Standard covers components to be used in conveying in a satisfactory manner: - domestic waste water; - rainwater and surface water; and, - other waste waters (e. g. industrial waste water) that will not damage the components. This European standard applies to components of circular and other cross sections. This European Standard applies equally to components which are factory-made and to those constructed on site, where applicable. This European Standard does not apply for components used for trenchless construction according to EN 14457 and for components used for renovation of drains and sewers according to EN 13380.

Keel en

Asendab EVS-EN 1293:1999; EVS-EN 476:1999; EVS-EN 773:1999

95 SÕJATEHNIKA

UUED STANDARDID

CWA 15832:2008

Hind 0,00

Identne CWA 15832:2008

Humanitarian mine action - Follow-on processes after the use of demining machines

This agreement analyses the follow-on processes after the use of demining machines. It makes a general statement about follow-on processes after the use of a demining machine in a ground preparation role when the operation is carried out within an area of suspected hazard. More specifically, this agreement focuses on follow-on after the use of machines in the ground processing roles of finding mines, clearing mines and proving that no mines exist in a given area. This document seeks to define the requirement for follow-on behind a demining machine. It does not describe the method of follow-on activities that are already well known and understood by the mine action community.

Keel en

CWA 15833:2008

Hind 0,00

Identne CWA 15833:2008

Humanitarian mine action - Quality management - Quality assurance (QA) and quality control (QC) for mechanical demining

This workshop agreement considers quality management in humanitarian demining in general as well as associated with demining machines. The agreement also focuses on specific actions for quality assurance (QA) and quality control (QC) in the use of demining machines at hazardous sites.

Keel en

97 OLME. MEELELAHUTUS. SPORT

UUED STANDARDID

EVS-EN 716-1:2008

Hind 95,00

Identne EN 716-1:2008

Mööbel. Kodused lastevoodid ja laste klappvoodid. Osa 1: Ohutusnõuded

This part of prEN 716 specifies safety requirements for children's cots for domestic use with an internal length greater than 900 mm but not more than 1 400 mm. The requirements apply to a cot that is fully assembled and ready for use. Cots that can be converted into other items e.g. changing units, playpens shall, when converted, should comply with the relevant European standard for that item. This standard does not apply to carry cots, cribs and cradles for which a separate European standard exists.

Keel en

Asendab EVS-EN 716-1:2000

EVS-EN 716-2:2008

Hind 180,00

Identne EN 716-2:2008

Mööbel. Kodused lastevoodid ja laste klappvoodid. Osa 2: Katsemeetodid

Käesolev EN 716 osa kirjeldab katsemeetodeid, millega hinnatakse kodus kasutatavate lastevoodite ja laste klappvoodite ohutust. Standard kehtib lastevoodite ja laste klappvoodite puhul, mille sisepikkus on 900 mm kuni 1400 mm ja mis on projekteeritud selliselt, et on välditud lapse voodist väljaronimine. Standard ei kehti laste hällide puhul. Katsed on kavandatud rakendamiseks lastevoodi puhul, mis on täielikult kokku pandud ja kasutusvalmis

Keel en

Asendab EVS-EN 716-2:2000

EVS-EN 15372:2008

Hind 104,00

Identne EN 15372:2008

Furniture - Strength, durability and safety - Requirements for non-domestic tables

This European standard specifies requirements for the safety, strength and durability of all types of nondomestic tables including those with glass in their construction. It does not apply to office tables or desks, tables for educational institutions and outdoor tables for which EN standards or drafts exist. With the exception of stability tests the standard does not provide assessment of the suitability of any storage features included in non-domestic tables. It does not include requirements for the durability of castors and height adjustment mechanisms. It does not include requirements for the resistance to ageing, degradation.

Keel en

EVS-EN 60335-2-13:2003/A2:2008

Hind 73,00

Identne EN 60335-2-13:2003/A2:2008

ja identne IEC 60335-2-13:2002/A2:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-13: Erinõuded fritüüridele, praepannidele ja muudele taoliste seadmetele

Deals with the safety of electric deep fat fryers, frying pans and other appliances in which oil is used for cooking, and intended for household use only, their rated voltage being not more than 250 V. This standard does not apply to deep fat fryers having a recommended maximum quantity of oil exceeding 4 l (refer to IEC 60335-2-37) or commercial multi-purpose cooking pans (refer to IEC 60335-2-39).

Keel en

EVS-EN 60335-2-36:2003/A2:2008

Hind 73,00

Identne EN 60335-2-36:2002/A2:2008

ja identne IEC 60335-2-36:2002/A2:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-36: Erinõuded kaubanduslikele elektripliitidele, -ahjudele, -pliidiplaatidele ja pliidiplaatide elementidele

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

Keel en

EVS-EN 60335-2-37:2003/A1:2008

Hind 73,00

Identne EN 60335-2-37:2002/A1:2008

ja identne IEC 60335-2-37:2002/A1:2008

Household and similar electrical appliances - Safety -- Part 2-37: Particular requirements for commercial electric deep fat fryers

Deals with the safety of electrical air-cleaning appliances for household and similar purposes, whose rated voltages is not more than 250 V for single-phase appliances and 480 V for other appliances. Is to be used in conjunction with IEC 335-1 (third edition).

Keel en

EVS-EN 60335-2-38:2003/A1:2008

Hind 73,00

Identne EN 60335-2-38:2003/A1:2008

ja identne IEC 60335-2-38:2002/A1:2008

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 2-38: Erinõuded kaubanduslikele elektrilistele küpsetusalustele ja küpsetusalus-grillidele

Deals with the safety of electrically operated commercial griddles and griddle grills 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 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 within the scope of this standard

Keel en

EVS-EN 60335-2-48:2003/A1:2008

Hind 73,00

Identne EN 60335-2-48:2003/A1:2008

ja identne IEC 60335-2-48:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-48: Erinõuded kaubanduslikele elektrigrillidele ja rösteritele

Deals with the safety of electrically operated commercial grillers and toasters 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. Rotary or continuous grillers and toasters and similar appliances intended for grilling by radiant heat such as rotisseries, salamanders, etc. are within the scope of this standard. Appliances 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 within the scope of this standard

Keel en

EVS-EN 60335-2-58:2005/A1:2008

Hind 233,00

Identne EN 60335-2-58:2005/A1:2008

ja identne IEC 60335-2-58:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-58: Erinõuded kaubanduslikele elektrilistele nõudepesumasinatele

Deals with the safety of electrically operated dishwashing machines for washing plates, dishes, glassware, cutlery and similar articles, with or without means of heating water or drying, 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 within the scope of this standard are used in restaurants, canteens, hospitals, and commercial enterprises such as bakeries, butcheries, etc. Examples of appliances within the scope of this standard are conveyor dishwashers; batch dishwashers and brush machines

Keel en

EVS-EN 60335-2-62:2003/A1:2008

Hind 73,00

Identne EN 60335-2-62:2003/A1:2008

ja identne IEC 60335-2-62:2002/A1:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-62: Erinõuded kaubanduslikele elektrilistele köögivalamutele

Deals with the safety of electrically operated commercial rinsing sinks 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 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 within the scope of this standard

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 716-2:2000**

Identne EN 716-2:1995

Mööbel. Kodused lastevoodid ja laste klappvoodid. Osa 2: Katsemeetodid

Käesolev EN 716 osa kirjeldab katsemeetodeid, millega hinnatakse kodus kasutatavate lastevoodite ja laste klappvoodite ohutust. Standard kehtib lastevoodite ja laste klappvoodite puhul, mille sisepikkus on 900 mm kuni 1400 mm ja mis on projekteeritud selliselt, et on välditud lapse voodist väljaronimine. Standard ei kehti laste hällide puhul. Katsed on kavandatud rakendamiseks lastevoodi puhul, mis on täielikult kokku pandud ja kasutusvalmis

Keel et

Asendatud EVS-EN 716-2:2008

EVS-EN 716-1:2000

Identne EN 716-1:1995

Mööbel. Kodused lastevoodid ja laste klappvoodid. Osa 1: Ohutusnõuded

Käesolev EN 716 osa määrab kindlaks nõuded, mis on seotud kodus kasutatavate lastevoodite ohutusega. Standard kehtib lastevoodite ja laste klappvoodite puhul, mille sisepikkus on 900 mm kuni 1400 mm. Standard ei kehti laste hällide puhul. Lastevoodid, mida võib muuta teisteks esemeteks, nt mähkimislaudadeks või mänguaedikuteks, peavad pärast muutmist vastama seda eset käsitleva standardi nõuetele.

Keel et

Asendatud EVS-EN 716-1:2008

EVS-EN 61242:2001/A11:2004

Identne EN 61242:1997/A11:2004

Elektrilised lisaseadmed. Kaablrullid majapidamis- ja muuks taoliseks kasutuseks

This International Standard applies to cable reels for a.c. only, provided with a non-detachable flexible cable with a rated voltage above 50 V and not exceeding 250 V for single-phase cable reels and above 50 V and not exceeding 440 V for all other cable reels, and a rated current not exceeding 16 A.

Keel en

Asendatud EVS-EN 61242:2001/A1:2008

EVS-EN 61242:2001/A12:2006

Identne EN 61242:1997/A12:2005

Elektrilised lisaseadmed. Kaablrullid majapidamis- ja muuks taoliseks kasutuseks

This standard applies to cable reels for a.c. only, with a rated voltage above 50 V and not exceeding 250 V for single-phase cable reels and above 50 V and not exceeding 440 V for all other cable reels, and a rated current not exceeding 16 A.

Keel en

Asendatud EVS-EN 61242:2001/A1:2008

KAVANDITE ARVAMUSKÜSITLUS

EN 13329:2006/prA1

Identne EN 13329:2006/prA1:2008

Tähtaeg 30.07.2008

Laminate floor coverings - Elements with a surface layer based on aminoplastic thermosetting resins - Specifications, requirements and test methods

This European Standard specifies characteristics, states requirements and gives test methods for laminate floor coverings (as defined in 3.1). It includes a classification system, based on EN 685, giving practical requirements for areas of use and levels of use, to indicate where laminate floor coverings will give satisfactory service and to encourage the consumer to make an informed choice. It also specifies requirements for marking and packaging.

Keel en

EN 60704-2-13:2002/FprA2

Identne EN 60704-2-13:2000/FprA2:2008

ja identne IEC 60704-2-13:2000/A2:2008

Tähtaeg 30.07.2008

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise -- Part 2-13: Particular requirements for range hoods

This standard applies to electrical range hoods (including their accessories and their component parts) for household and similar use. By similar use is understood the use in similar condition as in households, for example in inns, coffeeshouses, tea-rooms. This standard applies to range hoods intended for filtering the air of the room or to exhaust the air out of the room .

This standard does not apply to: range hoods for industrial or professional purposes. Appliances in which the fan is located in a separate unit from the range hoods itself.

Keel en

FprEN 60730-2-6

Identne FprEN 60730-2-6:2008

ja identne IEC 60730-2-6:2007

Tähtaeg 30.07.2008

EElektrilised automaatjuhtimisseadmed majapidamis- ja muuks taoliseks kasutuseks. Osa 2-6: Erinõuded, sealhulgas mehaanilised nõuded, automaatsetele elektrilistele rõhuandurjuhtimisseadistele

This part of IEC 60730 applies to automatic electrical pressure sensing controls with a minimum gauge pressure rating of –60 kPa and a maximum gauge pressure rating of 4,2 MPa, for use in, on or in association with, equipment for household and similar use that may use electricity, gas, oil, solid fuel, solar thermal energy, etc. or a combination thereof, including heating, air-conditioning and similar applications.

Keel en

Asendab EVS-EN 60730-2-6:2001

FprEN 50090-3-3

Identne FprEN 50090-3-3:2008

Tähtaeg 30.07.2008

Home and Building Electronic Systems (HBES) - Part 3-3: Aspects of application - HBES Interworking model and common HBES data types

This European Standard gives general guidelines and recommendations to ensure interworking between HBES devices made by different manufacturers. It also contains design guidelines for the design of Functional Blocks and new datapoint types, the building blocks of HBES interworking. In this way, the standard can be used as a basis to design application specifications relative to an Application Domain. If designed and supported by a large group of manufacturers, such application specifications will ensure to end customers a high degree of interoperability between products based on the HBES Communication System of different manufacturers. This European Standard is used as a product family standard. It is not intended to be used as a stand-alone standard.

Keel en

FprEN 60456

Identne FprEN 60456:2008

ja identne IEC 60456:200X

Tähtaeg 30.07.2008

Kodumajapidamises kasutatavate pesupesemismasinade toimimisnäitajate mõõtemetodid

This International Standard specifies methods for measuring the performance of clothes washing machines for household use, with or without heating devices utilising cold and/or hot water supply. It also deals with appliances for water extraction by centrifugal force (spin extractors) and is applicable to appliances for both washing and drying textiles (washer-dryers) with respect to their washing related functions. This International Standard also covers washing machines which specify the use of no detergent for normal use. The object is to state and define the principal performance characteristics of electric household washing machines and spin extractors and to describe the test methods for measuring these characteristics.

Keel en

Asendab EVS-EN 60456:2001; EVS-EN 60456:2005; EVS-EN 60456:2005/A11:2006

prEN 15801

Identne prEN 15801:2008

Tähtaeg 30.07.2008

Conservation of cultural property - Test methods - Determination of absorption by capillarity

This European Standard specifies a test method to characterize the water absorption by capillarity of porous inorganic materials. The method may be applied to porous inorganic materials either untreated or subjected to any treatment or natural ageing.

Keel en

prEN 15802

Identne prEN 15802:2008

Tähtaeg 30.07.2008

**Conservation of cultural property - Test methods -
Measurement of static contact angle**

This European Standard specifies a test method for the measurement of the static contact angle of a water drop on porous inorganic materials. The method may be applied to porous inorganic materials either untreated or subjected to any treatment or natural ageing.

Keel en

prEN 15803

Identne prEN 15803:2008

Tähtaeg 30.07.2008

**Conservation of cultural property - Test methods -
Determination of water vapour permeability (δp)**

This European standard specifies a method for determining the water vapour permeability (WVP) of porous inorganic materials. The method may be applied to porous inorganic materials either untreated or subjected to any treatment or natural ageing.

Keel en

STANDARDITE TÕLKED KOMMENTEERIMISEL

Selles jaotises avaldame teavet eesti keelde (ja seekord ka inglise 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 01.07.2008

prEVS 827

Turvakiibi rakendus ja liides

Standard spetsifitseerib Eesti riikliku avaliku võtme infrastruktuuri (EstEID) turvakiibi liidese ja andmesisu.

prEVS 828

Sertifikaadid Eesti Vabariigi isikutunnistustel

Standard kirjeldab Eesti Vabariigi isikutunnistusele (ID-kaart) kantavate digitaalsete sertifikaatide profiili. Standardi lisas A esitatakse tehniline lisainformatsioon ning tuuakse ära sertifikaatide näidised.

prEVS-EN 12272-2:2003

Pindamine. Katsemeetodid. Osa 2: Defektide visuaalne hindamine

Euroopa standard kohaldub kõikidele pindamistele (teedel, lennuväljadel ja muudel liiklusaladel) ning määratleb pindamise defektide visuaalse hindamise kvalitatiivsed ja kvantitatiivsed meetodid. Määratletud oludes visuaalse hindamise abil teostatava kvalitatiivse hindamise tulemused protokollitakse lisas A. Visuaalne hindamine kujutab endast kiiret praktilist esmast testi, nii et kui selle tulemused on ilmsed või ei tekita kahtlust, on võimalik aeganõudvamat kvantitatiivset testimeetodit vältida. Kvantitatiivset testimeetodit kasutatakse määratletud olukordades ning protokollitakse lisas B toodud tulemuste tabelis.

prEVS-EN 12007-2:2000

Gaasivarustussüsteemid. Torustikud maksimaalse töö rõhuga kuni 16 bar, kaasa arvatud. Osa 2: Erisoovitused polüetüleentorustikele (MOP ≤ 10 bar)

Standard kirjeldab täiendavalt standardis EN 12007-1 toodud üldistele soovitudele spetsiaalseid talituslikke soovitusi polüetüleenist (PE) torustikele, mille: a) maksimaalne töö rõhk (MOP) on kuni 10 bar, kaasa arvatud; b) töötemperatuur on vahemikus -20 C kuni +40 C. Standard määrab kindlaks gaasivarustussüsteemi põhialused.

prEVS-EN 12007-3:2000

Gaasivarustussüsteemid. Torustikud maksimaalse töö rõhuga kuni 16 bar, kaasa arvatud. Osa 3: Erisoovitused terastorustikele

Standard kirjeldab täiendavalt standardis EN 12007-1 toodud üldistele talituslikele soovitudele spetsiaalseid talituslike soovitusi terastorustikele, mille maksimaalne töö rõhk (MOP) on kuni 16 bar, kaasa arvatud. Standard määrab kindlaks gaasivarustussüsteemi põhialused.

prEVS-EN 13231-1:2006

Raudteelased rakendused. Tee. Tööde vastuvõtmine. Osa 1: Ballastile toetuv pealisehitis – sirge tee

Standard määratleb nõuded ja piirhälbed 1435 mm ja laiema rööpmevahega killustikballastil pealisehitisega seostuvate tööde vastuvõtmiseks.

prEVS-EN 13231-2:2006

Raudteealased rakendused. Tee-tööde vastuvõtmine. Osa 2: Tööd killustikballastil - pöörmed ja ristmed

Standard määratleb nõuded ja tolerantsid 1435 mm ja laiema rööpmevahega killustikballastile ehitatud pöörmete ja ristmetega seostuvate tööde vastuvõtmiseks.

prEVS-EN 13803-2:2007

Raudteealased rakendused. 1435 mm ja laiema rööpmevahega raudteeliini projekteerimine. Osa 2: Pöörmed, ristmed ja nendega sarnanevad paigaldiste projekteerimisolukorrad järsult muutuva raadiusega kõverike puhul

Standard määratleb reeglid ja väärtused raudteetrassi kavandamiseks, mille käigus määratakse järskude kõverikega ja muutuva põikkaldega rööbasteedel liikumiseks lubatavad maksimaalkiirused. Mainitud tingimused leiavad aset järgmistes olukordades: -pöörmete ja riströöbastega kavandatud erinevatel rööbasteedel; - juhtudel, kus üleminekukõverike kavandamine pole praktiliselt teostatav kui üleminekukõveriku pikkus jääb alla sirge rööbastee puhul nõutava miinimumi.

prEVS-EN 13253:2001 + A1:2005

Geotekstiilid ja geotekstiilidega seotud tooted erosioonitõrjel (rannikukaitsel, kaldanõlvade katmisel) kasutamiseks. Omadused

Euroopa standard täpsustab erosioonitõrjetöödel kasutatavate geotekstiilide ja geotekstiilpõhiste toodete asjakohaseid omadusi, mida on vaja peeneteralise materjali tungimise vältimiseks jämedateralise materjali kihtidesse muutliku hüdraulilise langu korral. Standard kirjeldab ka nende omaduste määramiseks sobilikke katsetusmeetodeid. Standard hõlmab kasutamist rannikukaitsel ja nõlvade kindlustamisel. Standard ei hõlma pinnaerosiooni, mille puhul geotekstiil või geotekstiilpõhine toode asetatakse pinnale.

prEVS-EN 12464-2:2007

Töökohavalgustus. Osa 2: Välistöökohad

Euroopa standard sätestab välistöökohtade valgustusnõuded, mis tagavad vajaliku nägemismugavuse ja võimaldavad töö sooritamist. On arvestatud kõiki tavalisi nägemistõid. Euroopa standard ei sätesta valgustusnõudeid lähtudes töötajate

tööohutusest ja -tervishoiust ega ole koostatud Euroopa Ühenduse lepingu artikli 137 rakendamise seisukohast, kuigi käesolevas standardis sätestatud valgustusnõuded enamasti täidavad ka ohutusnõudeid. Valgustusnõuded, mis on vajalikud töötajate tööohutuse ja tervishoiu tagamiseks, võivad sisalduda Euroopa Ühenduse lepingu artiklil 137 põhinevates direktiivides, liikmesriikide seadusandlusel nende direktiivide rakendamiseks või liikmesriikide muul rahvuslikul seadusandlusel. Standard ei näe ette konkreetseid lahendusi ega piira projekteerija vabadust uute tehniliste lahenduste ega innovatiivsete seadmete kasutamisel.

prEVS-EN 14227-4:2004

Hüdrauliliselt seotud segud. Nõuded. Osa 4: Lendtuhk hüdrauliliselt seotud segude jaoks

Euroopa standard määratleb ränilisi ja karbonaatseid lendtuhkaseid, mida kasutatakse hüdrauliliselt seotud segudes teedel, lennuväljadel ja muudel liiklusaladel. Seda Euroopa standardit rakendatakse lendtuhkadele, mis saadakse tolmse kivisöe ja pruunsöe põletamisel soojuselektrijaamades.

prEVS-EN 50160:2007

Elektrijaotusvõrkude pinge tunnussuurused

Standard määratleb, kirjeldab ja täpsustab madal- ja keskpinge elektrijaotusvõrkude pingepõhilisi tunnussuursusi elektritarbija liitumispunktis normaaltalitusel. Standard kirjeldab pingetunnus-suuruste piirväärtusi või prognoositavaid väärtusi kogu jaotusvõrgus, aga mitte üksiku elektritarbija tavalist keskmist olukorda. MÄRKUS 1 Madal- ja keskpinge määratlused on alajaotistes 3.7 ja 3.8. Eesti standard ei kehti järgmiste ebanormaalsete talitluste korral: – ajutise elektrivarustuse korraldamine tarbija toite jätkamiseks või toitekatkestuse ulatuse ja kestuse vähendamiseks olukorras, mis on tekkinud rikke tagajärjel või hooldus- ja ehitustööde tõttu; – tarbija elektripaigaldise või seadmetiku mittevastamine asjakohastele standarditele või riigi-asutuste või jaotusvõrguettevõtja kehtestatud liitumise tehnilistele nõuetele, sh juhtivuslike häiringute emissiooni piirnivoodele. MÄRKUS 2 Tarbija elektripaigaldis võib sisaldada nii koormust kui ka genereerimist. – erandolukorrad, konkreetsemalt öeldes – erandlikud ilmastikuolud ja loodusõnnetused, –

kolmandate osapoolte sekkumine, – võimuorganite otsused, – streigid (seaduslikud), – vääramatu jõud, – välistest sündmustest tingitud energiavajak. Käesolevas standardis antud pinge tunnussuurused ei ole mõeldud kasutamiseks elektromagnetilise ühilduvuse (EMÜ) nivoodena või tarbija emissiooni piirivoodena juhtivuslikele häiringutele jaotusvõrgus. Standardis antud pinge tunnussuurused ei ole mõeldud kasutamiseks seadmestiku toote- ja installatsioonistandardite nõuete määratlemisel. MÄRKUS 3 Seadmestiku talitus võib halveneda, kui teda kasutatakse tootestandardi nõuetele mitte-vastavates toitetingimustes. Käesoleva standardi võib täielikult või osaliselt asendada üksiktarbija ja jaotusvõrguettevõtja vahelise lepingu tingimustega

prEVS-EN ISO 13857:2008

Masinate ohutus. Ohutusvahemikud, mis väldivad käte ja jalgade sattumist ohtlikku alasse

Standard kehtestab ohutusvahemike väärtused kasutamiseks nii tööstuskeskkondades kui ka mittetööstuskeskkondades masina ohualadesse ulatumise vältimiseks. Ohutusvahemikud on antud kaitsetarindite suhtes. Standard sisaldab ka teavet kaitsetarindite kasutamise kohta jalgade vaba ligipääsu takistamiseks (vt 4.3).

Standard hõlmab 14 aasta vanuseid ja vanemaid inimesi (14 aasta vanuste inimeste 5. protsentiilile vastav pikkus on umbes 1 400 mm). Lisaks sellele sisaldab käesolev standard läbi avade ulatumist käsitlevates osades teavet üle 3 aasta vanuste inimeste kohta (3 aasta vanuste inimeste 5. protsentiilile vastav pikkus on umbes 900 mm). MÄRKUS 1 Laste jalgadega ohualadesse ulatumise vältimist ei ole käsitletud. Ohutusvahemikud kehtivad juhtudel, kui piisavat ohutust on võimalik saavutada ainult ohutusvahemikuga. Kuna ohutusvahemikud sõltuvad inimese suurusest, võivad ülisuurte kehamõõtmetega inimesed ulatuda ohualadesse ka siis, kui masin vastab käesoleva rahvusvahelise standardi nõuetele. MÄRKUS 2 Kõnealused ohutusvahemikud ei taga piisavat kaitset teatavate ohtude, näiteks radiatsiooni ja ohtlike ainete emissiooni eest. Selliste ohtude korral tuleb rakendada täiendavaid meetmeid. standardi jalgade ligipääsu käsitlevad punktid kehtivad juhtudel, kui vastavalt riski hindamisele ei ole käte ligipääs eeldatav. Ohutusvahemikud on mõeldud nende inimeste kaitsmiseks, kes üritavad kindlaksmääratud tingimustel (vt 4.1.1) ohualadesse ulatuda. MÄRKUS 3 Käesoleva rahvusvahelise standardi eesmärk ei ole meetmete kehtestamine ohualasse ulatumise vältimiseks üleronimise korral.

ALGUPÄRASE STANDARDI ÜLEVAATUS

Algupärase Eesti standardi ülevaatus toimub üldjuhul iga viie aasta järel või aasta enne kehtivusaja lõppu ning selle eesmärk on kontrollida: standardi tehnilist taset, vastavust aja nõuetele, vastavust kehtivatele õigusaktidele, kooskõla rahvusvaheliste või Euroopa standarditega jne.

Standardi ülevaatus kestab üldjuhul 1 kuu, mille käigus saadetakse ülevaatusküsimustik arvamuse avaldamiseks standardi koostaja(te)le ja kõigile teadaolevatele huvipooltele. Ülevaatusel olevatest standarditest ja ülevaatus tulemustest teavitatakse EVS Teataja ja EVS kodulehekülje vahendusel. Ülevaatus tulemusena jäetakse standard kehtima, algatatakse standardi muudatuse koostamine, tühistatakse standard või asendatakse see ülevõetava Euroopa või rahvusvahelise standardiga.

Huvipakkuva standardi teksti on võimalik tutvumiseks küsida EVS standardiosakonnast (standardiosakond@evs.ee) ning nagu ikka, on standarditega võimalik tutvuda ka EVS klienditeeninduses.

Alljärgnevalt on toodud ülevaatusel olev standard, mille kohta arvamuse esitamise viimane tähtaeg on **30.06.2008**

EVS 843:2003

Linnatänavad

Standard määrab nõuded linnatänavate ja kõigi tiheasustusaladel paiknevate teede ja tänavate projekteerimiseks ning nende alade planeeringute koostamiseks. Linna äärealadel, kus asustus on hõre ja kus liikluskeskkond eeldatavalt jääb sarnaseks maantee tingimustega, võib seal paiknevate teede projekteerimisel lähtuda maanteede projekteerimise normidest.

MAIKUUS KOOSTATUD EESTIKEELSE PARANDUSED

Selles jaotises avaldame teavet eestikeelsete Eesti standardite paranduste kohta. Standardi parandus koostatakse toimetuskirja laadi vigade (trükivead jms) kõrvaldamiseks standardist. Eesti standardi paranduse tähis koosneb standardi tähisest ja selle lõppu lisatud tähtedest AC.

Nt standardile EVS XXX:YYYY tehtud parandus kannab eraldi avaldatuna tähist EVS XXX:YYYY/AC:ZZZZ

Reeglina konsolideeritakse eestikeelne parandus Eesti standardisse, mille tähist ei muudeta. Vajadusel avaldatakse parandus ka vormistatult eraldi dokumendina.

Avaldatud eestikeelsed parandused ja konsolideeritud standardid:

EVS-HD 60364-7-704:2007/AC:2008

Madalpingelised elektripaigaldised. Osa 7-704: Nõuded eripaigaldistele ja -paikadele.

Ehituspaikade paigaldised

Parandus on konsolideeritud standardisse: EVS-HD 60364-7-704:2007

MAIKUUS JÕUSTUNUD JA MÜÜGILE SAABUNUD EESTIKEELSESD STANDARDID

EVS-EN 14227-5:2004

Hüdrauliliselt stabiliseeritud segud. Spetsifikatsioonid. Osa 5: Hüdraulilise teesideaine abil seotud segud 162.-

Eesti standard on Euroopa standardi EN 14227-5:2004 "Hydraulically bound mixtures – Specifications – Part 5: Hydraulic road binder bound mixtures" ingliskeelse teksti identne tõlge eesti keelde.

Standard määratleb hüdraulilise teesideaine abil seotud segud teedele, lennuväljadele ja muudele liiklusaladele ja nõuded nende lähtematerjalidele, koostisele ja laboratoorsete omaduste klassifikatsioonile.

EVS-EN 13427:2004

Pakend. Pakendi- ja pakendijäätme alaste Euroopa standardite kasutamise nõuded 113.-

Eesti standard on Euroopa standardi EN 13427:2004 "Packaging – Requirements for the use of European Standards in the field of packaging and packaging waste" ingliskeelse teksti identne tõlge eesti keelde.

Dokument piiritleb nõuded ja korra, millest lähtudes võib pakendeid või pakendatud tooteid turundav isik või organisatsioon (tarnija) kokku sobitada viie (mandaadi alusel koostatud) pakendistandardi ja ühe (kaheosalise) CEN aruande rakendamist.

EVS-EN 13428:2004

Pakend. Pakendi tootmisele ja koostisele rakendatavad spetsiifilised nõuded. Vältimine vähendamisega tekkekohas 162.-

Eesti standard on Euroopa standardi EN 13428:2004 "Packaging – Requirements specific to manufacturing and composition – Prevention by source reduction" ingliskeelse teksti identne tõlge eesti keelde.

Dokument määratleb protseduureeglid pakendi hindamiseks, et tagada vähim materjali mass ja/või maht, mis on vajalik, et säiliks pakendi:

- funktsionaalsus kogu tarne- ja kasutusahela ulatuses;
- ohutus ja hügieenilisus nii toote kui ka kasutaja/tarbija seisukohast;
- pakendatud toote vastuvõetavus kasutajale/tarbijale.

Dokument määratleb ka meetodika ja menetluse nelja raskmetalli, mis on nimetatud direktiivi 94/62/EÜ pakendi ja pakendijäätmete kohta artiklis 11, ning võimalike ohtlike ainete ja valmististe sisalduse minimeerimiseks, kui selliseid aineid pakendis leidub ja neid jäätmekäitlustoimingute käigus keskkonda viiakse. Protseduuridele on kirjeldatud CEN aruannetes CR 13695-1 ja CEN/TR 13695-2.

EVS-EN 13429:2004

Pakend. Korduskasutus 141.-

Eesti standard on Euroopa standardi EN 13429:2004 "Packaging – Reuse" ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard piiritleb korduskasutatavaks liigitatavale pakendile esitatavad nõuded ning sätestab menetlused neile nõuetele ja nendega seonduvatele süsteemidele vastavuse hindamiseks.

Dokument ei saa olla vastavuse eelduseks. Dokumendi rakendamise kord on sätestatud standardis EN 13427.

EVS-EN 13430:2004

Pakend. Materjali ringlussevõtu teel taaskasutatavale pakendile esitatavad nõuded 151.-

Eesti standard on Euroopa standardi EN 13430:2004 "Packaging – Requirements for packaging recoverable by material recycling" ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard piiritleb materjali ringlussevõtu teel taaskasutatavaks liigitatavale pakendile rakendatavad nõuded, mis võtavad arvesse nii pakendi kui ka taaskasutustehnoloogiate pidevat arengut, ning sätestab nendele nõuetele vastavuse hindamise menetlused.

Dokument ei saa olla vastavuse eelduseks. Standardi rakendamise kord on sätestatud standardis EN 13427.

EVS-EN 13431:2004

Pakend. Energiakasutuse teel taaskasutatavale pakendile, sealhulgas pakendimaterjali minimaalsele alumisele kütteväärtusele rakendatavad nõuded 132.-

Eesti standard on Euroopa standardi EN 13431:2004 "Packaging – Requirements

for packaging recoverable in the form of energy recovery, including specification of minimum inferior calorific value” ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard piiritleb materjali ringlussevõtu teel taaskasutatavaks liigitatavale pakendile rakendatavad nõuded, mis võtavad arvesse nii pakendi kui ka taaskasutustehnoloogiate pidevat arengut, ning sätestab nende nõuetele vastavuse hindamise menetlused. Dokument ei saa olla ei ole vastavuse eelduseks. Standardi rakendamise kord on sätestatud standardis EN 13427.

EVS-ISO 3297:2008

Informatsioon ja dokumentatsioon.

Rahvusvaheline jadaväljaande

standardnumber (ISSN) (ISO 3297:2007)

151.-

Eesti standard on rahvusvahelise standardi ISO 3297:2007 “Information and documentation – International standard serial number (ISSN)” ingliskeelse teksti identne tõlge eesti keelde.

Standardis iseloomustatakse jadaväljaannete ja teiste pidevväljaannete ühest identifitseerimist võimaldavat standardnumbrit (ISSN) ning propageeritakse selle kasutamist.

Iga rahvusvaheline jadaväljaande standardnumber (ISSN) on ühe kindla, kindlal kandjal ilmunud jadaväljaande või muu pidevväljaande ainukordne identifikaator. Standardis kirjeldatakse ka linke-ISSNi, toimemehhanismi ühe ja sama pidevväljaande eri kandjaversioonide koondamiseks ja linkimiseks.

ISSN on rakendatav nii varem ilmunud, praegu ilmuvatele kui ka lähemas tulevikus ilmuma hakkavatele jadaväljaannetele ja teistele pidevväljaannetele, olenemata nende avaldamiseks või tootmiseks kasutatavast kandjast.

Monograafilistel väljaannetel (raamatutel), heli- ja videosalvestistel, nooditrükistel, audiovisuaalteostel ja muusikateostel on oma nummerdussüsteemid, mistõttu selles standardis neid lähemalt ei käsitleta. Juhul, kui need väljaanded on osa mõnest pidevväljaandest, võivad nad peale oma standardnumbri kanda ka ISSN-i.

ISSNi kasutamise üksikasju käsitletakse ISSN-i käsiraamatus (*ISSN Manual*), mis on kättesaadav käesoleva standardi registriametist (vt jaotis 11).

EVS-EN 12341:2001

Õhukvaliteet. Suspendeerunud osakeste

PM10-fraktsiooni määramine.

Standardmeetod ja välimõõtmisprotseduur mõõtemetodi võrdväarsuse näitamiseks standardmeetodi suhtes 162.-

Eesti standard on Euroopa standardi EN 12341:2001 “Air quality – Determination of the PM10 fraction of suspended particulate matter – Reference method and field test procedure to demonstrate reference equivalence of measurement methods” ingliskeelse teksti identne tõlge eesti keelde.

Standard määrab PM10-proovivõtuseadmete tööparameetrid, et harmoniseerida seire Euroopa Nõukogu välisõhu kvaliteedi hindamise ja juhtimise direktiivi 96/62/EÜ ning selle 1. tütdirektiivi raames. Tütdirektiiv liidab ISO ülemistesse hingamisteedesse jõudvate osakeste kokkuleppeparameetrid PM10-fraktsiooni omadega (vt lisa A, [2]).

Standard määratleb katsemeetodi uuritava PM10-proovivõtuseadme tulemuste võrdlemiseks etalonproovivõtuseadme omadega välitingimustes. Uuritavale proovivõtuseadmele omistatav etaloniga võrdväarsuse staatus kehtib ainult tehtud välikatsete tingimuste vahemikus. Tehes välikatse tüüpilistes tingimustes, mis haaravad suurt vahemikku asjakohaseid välitingimuste parameetrid on kindel, et etaloniga võrdväarsus kehtib enamikus Euroopa riikidele tüüpilistes tingimustes. Etaloniga võrdväarsuse staatus ei omistata kindla situatsiooni kohta (nt ainult taustaalad, ainult linnapiirkonnad). Käesoleva standardi meetod on eelkõige praktilise väärtusega, võimaldades Euroopa institutsioonidel ja ettevõtetel kontrollida uuritavaid proovivõtuseadmete välitingimustes.

EVS-EN 14902:2005

Välisõhu kvaliteet. Standardmeetod Pb, Cd, As ja Ni mõõtmiseks suspendeerunud osakeste PM10-fraktsioonis 233.-

Eesti standard on Euroopa standardi EN 14902:2005 “Ambient air quality – Standard method for the measurement of Pb, Cd, As and Ni in the PM10 fraction of suspended particulate matter” ja selle paranduse AC:2006 ingliskeelse teksti identne tõlge eesti keelde.

Standard näeb ette välisõhus plii- (Pb), kaadmiumi- (Cd), arseeni- (As) ja nikliosakeste (Ni) määramismeetodi, mida

võib kasutada Euroopa Nõukogu välisõhu kvaliteedi hindamise ja juhtimise direktiivi [1] ning selle 1. [2] ja 4. [3] tüübidirektiivi raames. Standard määratleb ka suutlikkustõuded, millele meetod peab vastama. Meetodi suutlikkustõud määrati võrdlevates välikatsetes neljas mõõtekohas Euroopas (vt viidet [4]).

Standard näeb ette meetodi PM10-aerosooliproovide võtmiseks Pb, Cd, As ja Ni määramiseks, proovide mineraliseerimiseks mikrolainekiirguse abil ja analüüsiks grafiit-aatomabsorptsioonspektromeetriselt ja induktiivplasma- (kvadruupool-) massispektromeetriselt.

EVS-EN 14907:2005

Välisõhu kvaliteet. Standardne kaalumismeetod suspendeerunud osakeste PM2,5-massifraktsiooni määramiseks 171.-
Eesti standard on Euroopa standardi EN 14907:2005 “Ambient air quality – Standard gravimetric measurement method for the determination of the PM2,5 mass fraction of suspended particulate matter” ingliskeelse teksti identne tõlge eesti keelde.

Õhukvaliteedi pidevaks seireks kogu Euroopa Liidus peavad liikmesriigid rakendama standardseid mõõtemetodeid ja meetodikat. Standardi eesmärk on luua ühtlustatud meetodika suspendeerunud osakeste 2,5 µm massifraktsiooni (PM2,5) mõõtmiseks välisõhus vastavalt mikroosakeste seireparameetreid käsitlevate Euroopa Nõukogu välisõhu kvaliteedi hindamise ja juhtimise direktiivile 96/62/EÜ [1] ning nõukogu direktiivile 1999/30/EÜ vääveldioksiidi, lämmastikdioksiidi ning lämmastikoksiidide, tahkete osakeste ja plii piirtasemete kohta välisõhus. Standardis esitatav standardmeetod on põhiliselt suunatud seirevõrkudes kasutatavate mõõtemetodite andmekvaliteedi ühtlustamisele ja parandamisele ning ei pruugi praktikas sobida jooksvaks seireks.

EVS-EN 14211:2005

Välisõhu kvaliteet. Kemoluminestsentsil põhinev standardmeetod lämmastikdioksiidi ja lämmastikmonooksiidi kontsentratsiooni mõõtmiseks 286.-

Eesti standard on Euroopa standardi EN 14211:2005 “Ambient air quality – Standard method for the measurement of the

concentration of nitrogen dioxide and nitrogen monoxide by chemiluminescence” ingliskeelse teksti identne tõlge eesti keelde.

Standard näeb ette kemoluminestsentsil põhineva meetodi lämmastikdioksiidi ja lämmastikmonooksiidi kontsentratsiooni pidevaks mõõtmiseks välisõhus. Standard määratleb suutlikkustõud ja nende nõutavad väärtused sobiva kemoluminestsentsanalüsaatori valikul tüübikinnituskatsetes. Standardis kirjeldatakse ka analüsaatori sobivuse hindamist kindla mõõtekoha jaoks kontrollimaks, et täidetud oleks direktiivi nõuded andmekvaliteedile ning proovivõtule, kalibreerimisele ning kvaliteedikontrollile. Meetod sobib lämmastikdioksiidi kontsentratsiooni mõõtmiseks välisõhus vahemikus 0 µg/m³ kuni 500 µg/m³. See kontsentratsioonivahemik on tüübikinnituskatsetes kasutatav NO₂ kontsentratsioonivahemik.

EVS-EN 14212:2005

Välisõhu kvaliteet. Ultravioletfluorestsentsil põhinev standardmeetod vääveldioksiidi kontsentratsiooni mõõtmiseks 305.-
Eesti standard on Euroopa standardi EN 14212:2005 “Ambient air quality – Standard method for the measurement of the concentration of sulphur dioxide by ultraviolet fluorescence” ingliskeelse teksti identne tõlge eesti keelde.

Standard näeb ette ultravioletfluorestsentsil põhineva meetodi vääveldioksiidi kontsentratsiooni pidevaks mõõtmiseks välisõhus. Standard määratleb suutlikkustõud ja nende nõutavad väärtused sobiva UV-fluorestsentsanalüsaatori valikuks tüübikinnituskatsetes. Standardis kirjeldatakse ka analüsaatori sobivuse hindamist kindla mõõtekoha jaoks kontrollimaks, et täidetud oleks direktiivi nõuded andmekvaliteedile ning proovivõtule, kalibreerimisele ja kvaliteedikontrollile kasutamise käigus.

Meetod sobib vääveldioksiidi kontsentratsiooni mõõtmiseks välisõhus vahemikus 0 µg/m³ kuni 1 000 µg/m³. See kontsentratsioonivahemik on tüübikinnituskatsete sertifitseerimis-kontsentratsioonivahemik.

EVS-EN 14625:2005

Välisõhu kvaliteet. Ultravioletfotomeetriaal põhinev standardmeetod osooni kontsentratsiooni mõõtmiseks 286.-

Eesti standard on Euroopa standardi EN 14625:2005 "Ambient air quality – Standard method for the measurement of the concentration of ozone by ultraviolet photometry" ingliskeelse teksti identne tõlge eesti keelde.

Standard näeb ette ultraviolettfotomeetria põhineva meetodi osooni kontsentratsiooni pidevaks mõõtmiseks välisõhus. Standard määratleb suutlikkusnäitajad ja nende nõutavad väärtused sobiva ultraviolettfotomeetria osoonianalüsaatori valikuks tüübikinnituskatsetes. Standardis kirjeldatakse ka analüsaatori sobivuse hindamist kindla mõõtekoha jaoks kontrollimaks, et täidetud oleks direktiivi nõuded andmekvaliteedile ning proovivõtule, kalibreerimisele ning kvaliteedikontrollile.

Meetod sobib osooni kontsentratsiooni mõõtmiseks välisõhus vahemikus $0 \mu\text{g}/\text{m}^3$ kuni $500 \mu\text{g}/\text{m}^3$. See kontsentratsioonivahemik on tüübikinnituskatsete sertifitseerimis-kontsentratsioonivahemik.

EVS-EN 14626:2005

Välisõhu kvaliteet. Dispersioonita infrapunaspetskoopiaal põhinev standardmeetod süsinikmonoksiidi kontsentratsiooni mõõtmiseks 286.-

Eesti standard on Euroopa standardi EN 14626:2005 "Ambient air quality – Standard method for the measurement of the concentration of carbon monoxide by nondispersive infrared spectroscopy" ingliskeelse teksti identne tõlge eesti keelde.

Standard näeb ette dispersioonita infrapunaspetskoopiaal (NDIR) põhineva meetodi süsinikmonoksiidi kontsentratsiooni pidevaks mõõtmiseks välisõhus. Standard määratleb suutlikkusnäitajad ja nende nõutavad väärtused sobiva dispersioonita infrapunaspetskoopiaalise süsinikmonoksiidi-analüsaatori valikul tüübikinnituskatsetes. Standardis kirjeldatakse ka analüsaatori sobivuse hindamist kindla mõõtekoha jaoks kontrollimaks, et täidetud oleks direktiivi nõuded andmekvaliteedile ja proovivõtule, kalibreerimisele ning kvaliteedikontrollile.

Meetod sobib süsinikmonoksiidi kontsentratsiooni mõõtmiseks välisõhus vahemikus $0 \text{mg}/\text{m}^3$ kuni $100 \text{mg}/\text{m}^3$. See kontsentratsioonivahemik on tüübikinnituskatsete sertifitseerimiskontsentratsioonivahemik.

EVS-EN 14662-1:2005

Välisõhu kvaliteet. Standardmeetod benseeni kontsentratsiooni mõõtmiseks. Osa 1: Pumpamisega proovivõtt, termiline desorptsioon ja gaaskromatograafia 190.-

Eesti standard on Euroopa standardi EN 14662-1:2005 "Ambient air quality – Standard method for measurement of benzene concentrations – Part 1: Pumped sampling followed by thermal desorption and gas chromatography" ingliskeelse teksti identne tõlge eesti keelde.

Standardi EN 14662 esimene osa sisaldab üldisi suuniseid benseeniproovide kogumiseks õhust ja analüüsiks pumpamisega proovivõtu, termilise desorptsiooni ja gaaskromatograafia teel.

Standardi on kooskõlas Euroopa Liidus välisõhu benseenisalduse määramiseks valitud standardmeetodi üldmetoodikaga mõõtetulemuste võrreldavuse osas aastase alusperioodiga piirväärtusel. Standardi EN 14662 esimene osa on kohaldatav benseeni mõõtmiseks kontsentratsioonivahemikus ligikaudu $0,5 \mu\text{g}/\text{m}^3$ kuni $50 \mu\text{g}/\text{m}^3$ üldjuhul 24 h jooksul kogitud õhuproovis.

EVS-EN 14662-2:2005

Välisõhu kvaliteet. Standardmeetod benseeni kontsentratsiooni mõõtmiseks. Osa 2: Pumpamisega proovivõtt, desorptsioon lahustiga ja gaaskromatograafia 180.-

Eesti standard on Euroopa standardi EN 14662-2:2005 "Ambient air quality – Standard method for measurement of benzene concentrations – Part 2: Pumped sampling followed by solvent desorption and gas chromatography" ingliskeelse teksti identne tõlge eesti keelde.

Standardi EN 14662 teine osa sisaldab üldisi suuniseid benseeniproovide kogumiseks õhust ja analüüsiks pumpamisega proovivõtu, termilise desorptsiooni ja gaaskromatograafia teel.

Standardi osa on kooskõlas Euroopa Liidus välisõhu benseenisalduse määramiseks valitud standardmeetodi [1] üldmetoodikaga mõõtetulemuste võrreldavuse osas aastase alusperioodiga piirväärtusel. Standardi EN 14662 teine osa on kohaldatav benseeni mõõtmiseks kontsentratsioonivahemikus ligikaudu $0,5 \mu\text{g}/\text{m}^3$ kuni $50 \mu\text{g}/\text{m}^3$ üldjuhul 24 h jooksul kogitud õhuproovis ruumalaga 1m^3 .

EVS-EN 14662-3:2005

Välisõhu kvaliteet. Standardmeetod benseeni kontsentratsiooni mõõtmiseks. Osa 3: Automaatne pumpamisega proovivõtt ja in situ gaaskromatograafia 208.-

Eesti standard on Euroopa standardi EN 14662-3:2005 “Ambient air quality – Standard method for measurement of benzene concentrations – Part 3: Automated pumped sampling with in situ gas chromatography” ingliskeelse teksti identne tõlge eesti keelde.

Standardi EN 14662 kolmas osa on koosõlas Euroopa Liidu välisõhu benseenisalduse määramiseks valitud standardmeetodi [1] üldmetoodikaga mõõtetulemuste võrreldavuse osas aastase alusperioodiga piirväärtusel.

Standard annab suunised mõõtmisteks automaatsete gaaskromatograafidega ja nende tüübikinnituseks.

Automaatseadmete kasutamise seoses on käesolev osa teistsuguse ülesehitusega kui teised osad ja sisaldab metoodikat sobiva automaatse gaaskromatograafi valikuks tüübikinnituskatsete abil.

Kirjeldatakse ka nõudeid välitöodes kasutamiseks. Standard on kohaldatav õhus oleva benseeniauru mõõtmiseks kontsentratsioonivahemikus $0 \mu\text{g}/\text{m}^3$ kuni $50 \mu\text{g}/\text{m}^3$ (standarditult temperatuurile 101,3 kPa ja rõhule 293 K). See kontsentratsioonivahemik on tüübikinnituskatsetes sertifitseeritav benseeni kontsentratsioonivahemik.

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