

EVS TEATAJA

Ilmub üks kord kuus alates 1993. aastast

05/2009

Harmoneeritud standardid



WTO teatised



Uued Eesti standardid



Eesti keeles müügil



SISUKORD

WTO SEKRETARIAADILT SAABUNUD TBT TEATISED	2
WTO SEKRETARIAADILT SAABUNUD SPS TEATISED	8
UUED STANDARDID JA KAVANDID ARVAMUSKÜSITLUSEKS	13
ICS PÕHIRÜHMAD.....	14
01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON	15
03 TEENUSED. ETTEVÕTTE ORGANISEERIMINE, JUHTIMINE JA KVALITEET.	
HALDUS. TRANSPORT. SOTSIOLOOGIA	15
07 MATEMAATIKA. LOODUSTEADUSED.....	16
11 TERVISEHOOLDUS	17
13 KESKKONNA- JA TERVISEKAITSE. OHUTUS.....	19
17 METROLOOGIA JA MÕÕTMINE. FÜSIKALISED NÄHTUSED	30
19 KATSETAMINE	31
21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD	32
23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD.....	33
25 TOOTMISTEHNOLGOOGIA	36
27 ELEKTRI- JA SOOJUSENERGEETIKA	40
29 ELEKTROTEHNIKA.....	41
31 ELEKTROONIKA	45
33 SIDETEHNIKA	50
35 INFOTEHNOLGOOGIA. KONTORISEADMED.....	58
37 VISUAALTEHNIKA.....	60
43 MAANTEESÕIDUKITE EHITUS	60
45 RAUDTEETEHNIKA.....	61
49 LENNUNDUS JA KOSMOSETEHNIKA	65
53 TÕSTE- JA TEISALDUSSEADMED.....	67
55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID	69
59 TEKSTIILI- JA NAHATEHNOLGOOGIA	69
65 PÕLLUMAJANDUS	70
67 TOIDUAINETE TEHNOLGOOGIA	73
71 KEEMILINE TEHNOLGOOGIA	73
75 NAFTA JA NAFTATEHNOLGOOGIA	76
77 METALLURGIA	81
79 PUIDUTEHNOLGOOGIA	85
81 KLAASI- JA KERAAMIKATÖÖSTUS	86
83 KUMMI- JA PLASTITÖÖSTUS	87
91 EHITUSMATERJALID JA EHITUS	87
93 RAJATISED.....	96
95 SÕJATEHNIKA.....	98
97 OLME. MEELELAHUTUS. SPORT	99
STANDARDITE TÕLKED KOMMENTEERIMISEL.....	102
APRILLIKUUS LAEKUNUD ALGUPÄRASE EESTI STANDARDI	
KOOSTAMISSETTEPANEKUD.....	105
APRILLIKUUS KINNITATUD JA MAIKUUS MÜÜGILE SAABUNUD EESTIKEELSE	
STANDARDID.....	105
APRILLIKUUS MUUDETUD STANDARDITE PEALKIRJADE TÕLKED.....	109

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 teatistes toodud kuupäeva Majandus- ja Kommunikatsiooniministeeriumi, Karl Stern tel: 625 6405, karl.stern@mkm.ee.

WTO TBT ja SPS teatiste terviktekstid on olemas EVS koduleheküljel (Tooted ja teenused - WTO teatised) või WTO koduleheküljel (www.wto.org).

Eelnõude terviktekstid on leitavad teatistes toodud linkidelt või EVS teabekesusest. Täiendav info: Signe Ruut tel: 605 5062, enquiry@evs.ee

WTO SEKRETARIAADILT SAABUNUD TBT TEATISED

aprill 2009

Number	Esitanud riik	Toode	Esitamise kuupäev
G/TBT/N/IDN/29	INDONESIA	Packaged Drinking Water	30.04.2009
G/TBT/N/ISR/308	ISRAEL	Sulphate-resisting Portland cements	30.04.2009
G/TBT/N/THA/307	THAILAND	Material and articles in contact with foodstuffs	30.04.2009
G/TBT/N/CHN/616	CHINA	Adhesives for facing stone	29.04.2009
G/TBT/N/CHN/617	CHINA	Automobile seats head restraints	29.04.2009
G/TBT/N/CHN/618	CHINA	Small power motors	29.04.2009
G/TBT/N/CHN/619	CHINA	Selective circuit breakers	29.04.2009
G/TBT/N/CHN/620	CHINA	Cap-lights	29.04.2009
G/TBT/N/CHN/621	CHINA	Equipment protection	29.04.2009
G/TBT/N/CHN/622	CHINA	Equipment protection	29.04.2009

G/TBT/N/CHN/623	CHINA	Shear valves used in the petrol filling station	29.04.2009
G/TBT/N/CHN/624	CHINA	Woven wall-to-wall pile carpets (including tile carpets), pile rugs and carpet strip	29.04.2009
G/TBT/N/CHN/625	CHINA	Non-sparking beryllium copper alloy tools	29.04.2009
G/TBT/N/CHN/626	CHINA	Primary batteries	29.04.2009
G/TBT/N/EEC/268	EUROPEAN COMMUNITIES	Circulators	29.04.2009
G/TBT/N/ISR/301	ISRAEL	Handlamps	29.04.2009
G/TBT/N/ISR/302	ISRAEL	Portable luminaires for children	29.04.2009
G/TBT/N/ISR/303	ISRAEL	Lighting chains	29.04.2009
G/TBT/N/ISR/304	ISRAEL	Luminaires for emergency lighting	29.04.2009
G/TBT/N/ISR/305	ISRAEL	Luminaires for use in clinical areas of hospitals and health care buildings	29.04.2009
G/TBT/N/ISR/306	ISRAEL	Luminaires for use in clinical areas of hospitals and health care buildings	29.04.2009
G/TBT/N/ISR/307	ISRAEL	Low-voltage switchgear and controlgear	29.04.2009
G/TBT/N/GBR/21	UNITED KINGDOM	Measuring instruments	28.04.2009
G/TBT/N/JPN/296	JAPAN	Drugs, quasi-drugs, cosmetics and medical devices	24.04.2009
G/TBT/N/JPN/297	JAPAN	Soy sauce (Syoyu)	24.04.2009
G/TBT/N/JPN/298	JAPAN	Organic plants	24.04.2009
G/TBT/N/CAN/262	CANADA	Cars and light-duty trucks	23.04.2009
G/TBT/N/IDN/26	INDONESIA	Lamp controlgears	23.04.2009

G/TBT/N/IDN/27	INDONESIA	Luminaires	23.04.2009
G/TBT/N/IDN/28	INDONESIA	RCCB	23.04.2009
G/TBT/N/KOR/210	REPUBLIC OF KOREA	Bicycles	23.04.2009
G/TBT/N/KOR/211	REPUBLIC OF KOREA	Medicines, herb medicines	23.04.2009
G/TBT/N/KOR/212	REPUBLIC OF KOREA	Medical Devices	23.04.2009
G/TBT/N/BHR/122	BAHRAIN	Preserved grape leaf	21.04.2009
G/TBT/N/BHR/123	BAHRAIN	Canned Foul Medames	21.04.2009
G/TBT/N/BHR/124	BAHRAIN	Canned mushroom	21.04.2009
G/TBT/N/BHR/125	BAHRAIN	Chocolate Types	21.04.2009
G/TBT/N/GTM/63	GUATEMALA	Fertilizers and soil conditioners for agricultural use	21.04.2009
G/TBT/N/HND/57	HONDURAS	Fertilizers and soil conditioners for agricultural use	21.04.2009
G/TBT/N/KEN/132	KENYA	Genetically modified Organisms (GMO)	21.04.2009
G/TBT/N/KEN/133	KENYA	Counterfeit goods	21.04.2009
G/TBT/N/KEN/134	KENYA	Adhesives	21.04.2009
G/TBT/N/KEN/135	KENYA	Closed Circuit Television (CCTV) Systems	21.04.2009
G/TBT/N/KEN/136	KENYA	Closed Circuit Television (CCTV) Systems	21.04.2009
G/TBT/N/KEN/137	KENYA	Closed Circuit Television (CCTV) Systems	21.04.2009
G/TBT/N/KEN/138	KENYA	Closed Circuit Television (CCTV) Systems	21.04.2009

G/TBT/N/KEN/139	KENYA	Closed Circuit Television (CCTV) Systems	21.04.2009
G/TBT/N/KEN/140	KENYA	Closed Circuit Television (CCTV) Systems	21.04.2009
G/TBT/N/SLV/128	EL SALVADOR	Fertilizers and soil conditioners for agricultural use	21.04.2009
G/TBT/N/UKR/21	UKRAINE	Tramcars	21.04.2009
G/TBT/N/GBR/20	UNITED KINGDOM	Precious metal articles containing platinum, gold, palladium and silver	16.04.2009
G/TBT/N/ISR/283	ISRAEL	Industrial safety helmets	16.04.2009
G/TBT/N/ISR/284	ISRAEL	Swinging fire doors	16.04.2009
G/TBT/N/ISR/285	ISRAEL	Small power supplies	16.04.2009
G/TBT/N/ISR/286	ISRAEL	Ladders	16.04.2009
G/TBT/N/ISR/287	ISRAEL	Hand-held motor-operated electric tools	16.04.2009
G/TBT/N/ISR/288	ISRAEL	Electric drills and electric impact drills	16.04.2009
G/TBT/N/ISR/289	ISRAEL	Electric screwdrivers and electric impact wrenches	16.04.2009
G/TBT/N/ISR/290	ISRAEL	Electric grinders, electric polishers and electric disk-type sanders	16.04.2009
G/TBT/N/ISR/291	ISRAEL	Electric sanders and electric polishers (other than disk-type)	16.04.2009
G/TBT/N/ISR/292	ISRAEL	Electric circular saws	16.04.2009
G/TBT/N/ISR/293	ISRAEL	Electric shears and electric nibblers	16.04.2009
G/TBT/N/ISR/294	ISRAEL	Electric tappers	16.04.2009

G/TBT/N/ISR/295	ISRAEL	Electric reciprocating saws (jig and sabre saws)	16.04.2009
G/TBT/N/ISR/296	ISRAEL	Electric concrete vibrators	16.04.2009
G/TBT/N/ISR/297	ISRAEL	Electric chain saws	16.04.2009
G/TBT/N/ISR/298	ISRAEL	Electric planing machines	16.04.2009
G/TBT/N/ISR/299	ISRAEL	Electric hedge trimmers	16.04.2009
G/TBT/N/ISR/300	ISRAEL	Electric routers and trimmers	16.04.2009
G/TBT/N/LTU/13	LITHUANIA	Tobacco, tobacco products	16.04.2009
G/TBT/N/LTU/14	LITHUANIA	Construction products	16.04.2009
G/TBT/N/USA/463	UNITED STATES	Grapefruit	16.04.2009
G/TBT/N/DNK/76	DENMARK	Regulations on seat for a child on two wheeled motorbikes	15.04.2009
G/TBT/N/FIN/34	FINLAND	Alcoholic beverages	15.04.2009
G/TBT/N/UGA/40	UGANDA	Beauty salons	9.04.2009
G/TBT/N/UGA/41	UGANDA	Electrical engineering	9.04.2009
G/TBT/N/UGA/42	UGANDA	Health and safety management systems	9.04.2009
G/TBT/N/UGA/43	UGANDA	Electrical engineering	9.04.2009
G/TBT/N/UGA/44	UGANDA	Electrical engineering	9.04.2009
G/TBT/N/CAN/261	CANADA	Radiocommunications equipment	8.04.2009
G/TBT/N/EEC/266	EUROPEAN COMMUNITIES	Food	8.04.2009
G/TBT/N/MKD/2	FORMER YUGOSLAV REPUBLIC OF MACEDONIA	Machinery	8.04.2009
G/TBT/N/MKD/3	FORMER YUGOSLAV REPUBLIC OF MACEDONIA	Apparatus	8.04.2009

G/TBT/N/UGA/38	UGANDA	Classroom furniture	8.04.2009
G/TBT/N/UGA/39	UGANDA	Construction products : clay roofing tiles and ridges	8.04.2009
G/TBT/N/BHR/118	KINGDOM OF BAHRAIN	Butter	3.04.2009
G/TBT/N/BHR/119	KINGDOM OF BAHRAIN	Frozen raw squid	3.04.2009
G/TBT/N/BHR/120	KINGDOM OF BAHRAIN	Fish meal	3.04.2009
G/TBT/N/BHR/121	KINGDOM OF BAHRAIN	Cheese	3.04.2009
G/TBT/N/EEC/265	EUROPEAN COMMUNITIES	Electric motors	3.04.2009
G/TBT/N/TUN/24	TUNISIA	Masonry cement	3.04.2009
G/TBT/N/TUN/25	TUNISIA	Building lime	3.04.2009
G/TBT/N/BRA/325	BRAZIL	Almond of the Cashew Chestnut	1.04.2009
G/TBT/N/BRA/326	BRAZIL	Drugs	1.04.2009
G/TBT/N/EEC/262	EUROPEAN COMMUNITIES	Textile products, articles of apparel and clothing accessories	1.04.2009
G/TBT/N/EEC/263	EUROPEAN COMMUNITIES	Textile products, articles of apparel and clothing accessories	1.04.2009
G/TBT/N/EEC/264	EUROPEAN COMMUNITIES	Wine	1.04.2009
G/TBT/N/MKD/1	FORMER YUGOSLAV REPUBLIC OF MACEDONIA	Veterinary medical products	1.04.2009
G/TBT/N/PHL/106	PHILIPPINES	Sugar Cane Wine	1.04.2009
G/TBT/N/PHL/107	PHILIPPINES	Sugar Cane Wine	1.04.2009
G/TBT/N/TPKM/68	THE SEPARATE CUSTOMS TERRITORY OF TAIWAN, PENGHU, KINMEN AND MATSU	Incombustibility interior building materials	1.04.2009

G/TBT/N/TPKM/69	THE SEPARATE CUSTOMS TERRITORY OF TAIWAN, PENGHU, KINMEN AND MATSU	Organic agricultural products and organic agricultural processed products	1.04.2009
-----------------	--	---	-----------

WTO SEKRETARIAADILT SAABUNUD SPS TEATISED
aprill 2009

Number	Esitanud riik	Mõjutatav piirkond/riik	Toode	Esitamise kuupäev
G/SPS/N/BRA/536	BRAZIL	All trading partners	Pesticides - Residues - Lambda-cyhalothrin	30.04.2009
G/SPS/N/BRA/537	BRAZIL	All trading partners	Products of animal origin	30.04.2009
G/SPS/N/BRB/2	BARBADOS	All trading partners	All plants and plant products	29.04.2009
G/SPS/N/USA/1922	UNITED STATES	Colombia and Ecuador	Papaya	27.04.2009
G/SPS/N/VNM/6	VIET NAM	All trading partners	Drugs	27.04.2009
G/SPS/N/USA/1914	UNITED STATES	All trading partners	Pesticides - Residues - Thymol	22.04.2009
G/SPS/N/USA/1915	UNITED STATES	All trading partners	Pesticides - Residues - Triethanolamine	22.04.2009
G/SPS/N/USA/1916	UNITED STATES	All trading partners	Pesticides - Residues - Poly(oxy- 1,2-ethanediyl), [alpha] - [2,4,6-tris (1-phenylethyl) phenyl] - [omega] -hydroxy- (CAS Reg. No[...]), tristyrylphenol ethoxylates	22.04.2009
G/SPS/N/USA/1917	UNITED STATES	food safety	Pesticides - Residues - Propiconazole	22.04.2009
G/SPS/N/USA/1918	UNITED STATES	All trading partners	Pesticides - Residues - Quinoxifen, 5,7-dichloro-4-(4-fluorophenoxy) quinoline	22.04.2009

G/SPS/N/USA/1919	UNITED STATES	All trading partners	Pesticides - Residues - Cyhalofop-butyl, R-(+)-n-butyl-2- (4 (4-cyano-2-fluorophenoxy)-phenoxy)propionate, plus cyhalofop a[...] phenoxy]-3- fluorobenzoic acid	22.04.2009
G/SPS/N/USA/1920	UNITED STATES	All trading partners	Pesticides - Residues - 2-[2-(1-chlorocyclopropyl) -3-(2-chlorophenyl)-2-hydroxypropyl] -1,2-dihydro-3H-1,2,4- triazole-3-t[...]]-1H-1,2,4- triazole-1-ethanol	22.04.2009
G/SPS/N/USA/1921	UNITED STATES	China	Wooden handicrafts	22.04.2009
G/SPS/N/GTM/46	GUATEMALA	All trading partners	Fertilizers and soil conditioners	21.04.2009
G/SPS/N/SGP/37	SINGAPORE	All trading partners	Cats and dogs (as personal pets or commercial consignments)	21.04.2009
G/SPS/N/SLV/86	EL SALVADOR	All trading partners	Fertilizers and soil conditioners	21.04.2009
G/SPS/N/VNM/5	VIET NAM	All trading partners	Drugs, chemicals, antibiotics	21.04.2009
G/SPS/N/HND/32	HONDURAS	All trading partners	Fertilizers and soil conditioners	20.04.2009
G/SPS/N/ALB/108	ALBANIA	Brazil	All live pigs (domestic and wild)	16.04.2009
G/SPS/N/ALB/109	ALBANIA	China	Meat, unprocessed milk	16.04.2009
G/SPS/N/ALB/110	ALBANIA	The Separate Customs Territory of Taiwan, Penghu, Kinmen and Matsu	Meat, unprocessed milk	16.04.2009
G/SPS/N/ALB/111	ALBANIA	China	Meat, unprocessed milk	16.04.2009
G/SPS/N/CAN/390	CANADA	All trading partners	Ready-to-eat meat products	16.04.2009

G/SPS/N/KOR/324	REPUBLIC OF KOREA	All trading partners	Food additives	16.04.2009
G/SPS/N/TPKM/158	THE SEPARATE CUSTOMS TERRITORY OF TAIWAN, PENGHU, KINMEN AND MATSU	All trading partners	Food additives to be used in foods	15.04.2009
G/SPS/N/TPKM/159	THE SEPARATE CUSTOMS TERRITORY OF TAIWAN, PENGHU, KINMEN AND MATSU	All trading partners	Pesticides - Residues - Dimethomorph, Pyraclostrobin	15.04.2009
G/SPS/N/KOR/323	REPUBLIC OF KOREA	All trading partners	Health/Functional Foods	14.04.2009
G/SPS/N/COL/168	COLOMBIA	All trading partners	Poultry	9.04.2009
G/SPS/N/COL/169	COLOMBIA	All trading partners	All poultry	9.04.2009
G/SPS/N/DOM/10	DOMINICAN REPUBLIC	All trading partners	Swine and swine products and by products	9.04.2009
G/SPS/N/DOM/11	DOMINICAN REPUBLIC	All trading partners	Veterinary Dugs - Furazolidone, olaquinox and carbadox	9.04.2009
G/SPS/N/DOM/12	DOMINICAN REPUBLIC	All trading partners	Milk and milk products	9.04.2009
G/SPS/N/DOM/13	DOMINICAN REPUBLIC	All trading partners	Meat and bone, meat and bone meal feed	9.04.2009
G/SPS/N/DOM/14	DOMINICAN REPUBLIC	All trading partners	Establishment of the Sanitary Legislation Database	9.04.2009
G/SPS/N/DOM/15	DOMINICAN REPUBLIC	All trading partners	Food of animal or plant origin	9.04.2009
G/SPS/N/DOM/16	DOMINICAN REPUBLIC	All trading partners	All agri foods	9.04.2009

G/SPS/N/DOM/17	DOMINICAN REPUBLIC	All trading partners	Milk products and by products of domestic or foreign origin	9.04.2009
G/SPS/N/DOM/18	DOMINICAN REPUBLIC	All trading partners	Poultry products and by products	9.04.2009
G/SPS/N/DOM/19	DOMINICAN REPUBLIC	All trading partners	Meat products and by products of domestic or foreign origin	9.04.2009
G/SPS/N/DOM/20	DOMINICAN REPUBLIC	All trading partners	All food, food products and food raw materials	9.04.2009
G/SPS/N/DOM/8	DOMINICAN REPUBLIC	All trading partners	National Committee for the Application of Sanitary and Phytosanitary Measures	9.04.2009
G/SPS/N/DOM/9	DOMINICAN REPUBLIC	All trading partners	Veterinary medicines	9.04.2009
G/SPS/N/BRA/532	BRAZIL	All trading partners	Pesticides - Residues - Tetraconazole	8.04.2009
G/SPS/N/BRA/533	BRAZIL	All trading partners	Pesticides - Residues - Glufosinate	8.04.2009
G/SPS/N/BRA/534	BRAZIL	All trading partners	Pesticides - Residues - Steinernema puertoricense	8.04.2009
G/SPS/N/BRA/535	BRAZIL	Canada	Pinus Taeda	8.04.2009
G/SPS/N/CAN/387	CANADA	All trading partners	Food additives - Calcium lactate and calcium chloride	8.04.2009
G/SPS/N/CAN/388	CANADA	All trading partners	Food additives - Calcium sulphate	8.04.2009
G/SPS/N/CAN/389	CANADA	All trading partners	Pesticides - Residues - Propylene oxide	8.04.2009
G/SPS/N/USA/1913	UNITED STATES	All trading partners	Meat, poultry and egg products	8.04.2009

G/SPS/N/ALB/107	ALBANIA	Greece	Live animals, herbivores, ruminants, embryos, biological products, pathological materials	6.04.2009
G/SPS/N/TUR/6	TURKEY	All trading partners	Plants and plant products	6.04.2009
G/SPS/N/USA/1912	UNITED STATES	Republic of Korea	Meat and meat products, and other animal products	3.04.2009
G/SPS/N/DOM/5	DOMINICAN REPUBLIC	All trading partners	Unprocessed organic plants and plant products, processed plant products for human consumption, and by products thereof	2.04.2009
G/SPS/N/DOM/6	DOMINICAN REPUBLIC	All trading partners	Unprocessed organic plants and plant products, processed plant products for human consumption, and by products thereof	2.04.2009
G/SPS/N/DOM/7	DOMINICAN REPUBLIC	All trading partners	Unprocessed organic plants and plant products, processed plant products for human consumption, and by products thereof	2.04.2009
G/SPS/N/JPN/228	JAPAN	All trading partners	Pesticides - Residues - Chlorantraniliprole, metaflumizone, methyl iodide and paromomycin	1.04.2009

UUED STANDARDID JA KAVANDID ARVAMUSKÜSITLUSEKS

EVS Teataja avaldab andmed uutest vastuvõetud Eesti standarditest ja avalikuks arvamusküsitluseks esitatud standardite kavanditest rahvusvahelise standardite klassifikaatori (ICS) järgi. Samas jaotises on toodud andmed nii eesti keeles avaldatud, kui ka jõustumisteatega Eesti standarditeks ingliskeelsetena vastuvõetud rahvusvahelistest ja Euroopa standarditest.

Eesmärgiga tagada standardite vastuvõtmine järgides konsensuse põhimõtteid, peab standardite vastuvõtmisele eelnema standardite kavandite avalik arvamusküsitlus, milleks ettenähtud perioodi jooksul (reeglina 2 kuud) on asjast huvitatul 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 käsitusala kokkulangevatest standardite kavanditest EVS kontaktisiku kaudu.
2. Eesti algupäraste standardite kavandid, mis Eesti standardimisprogrammi järgi on jõudnud arvamusküsitluse etappi.

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

- Tähis (eesliide pr Euroopa ja DIS rahvusvahelise kavandi puhul)
- Viide identsele Euroopa või rahvusvahelisele dokumendile
- Arvamusküsitluse lõppkuupäev (arvamuste esitamise tähtaeg)
- Pealkiri
- 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 Maanteeõidukite 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 JA PUBLIKATSIOONID

CWA 45546-1:2004

Hind 256,00

Identne CWA 45546-1:2004

Guidelines to standardisers of Collective Transport Systems - Needs of older people and persons with disabilities - Part 1: Basic Guidelines

The present text provides guidance to writers of relevant standards relating to collective transport on how to take account of the needs of all passengers with reduced mobility, especially older persons and persons with disabilities. This document pursues the furtherance of globally accessible collective transport, that is to say, transport that can be used by everyone.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 13103:2001

Identne EN 13103:2001

Railway applications - Wheelsets and bogies - Non-powered axles - Design method

This standard : -defines the forces and moments to be taken into account with reference to masses and breaking conditions; -gives the stress calculation method for axles with outside axle-journals; -defines the maximum permissible stresses to be assumed in calculations, for steel grade EA1N defined in prEN 13261:1998; -describes how to obtain the maximum permissible stresses for other steel grades; -determines the diameters for the various sections of the axle. The preferred shapes and transitions are identified to ensure adequate service performance.

Keel en

Asendatud EVS-EN 13103:2009

EVS-EN 13104:2001

Identne EN 13104:2001

Railway applications - Wheelsets and bogies - Powered axles - Design method

This standard: - defines the forces and moments to be taken into account with reference to masses, traction and breaking conditions; - gives the stress calculation method for axles with outside axle-journals; - specifies the maximum permissible stresses to be assumed in calculations, for steel grade EA1N defined in prEN 13261:1998; - describes how to obtain the maximum permissible stresses for other steel grades; -determines the diameters for the various sections of the axle. The preferred shapes and transitions are identified to ensure adequate service performance.

Keel en

Asendatud EVS-EN 13104:2009

KAVANDITE ARVAMUSKÜSITLUS

prEVS-ISO 3864-1

ja identne ISO 3864-1:2002

Tähtaeg 29.06.2009

Graafilised sümbolid. Ohutusvärvid ja ohutumärgid.

Osa 1: Ohutumärkide kavandamise põhimõtted töökohtadel ja avalikus ruumis

prEVS-ISO 7000

ja identne ISO 7000:2004

Tähtaeg 29.06.2009

Seadmetel kasutatavad graafilised sümbolid.

Register ja ülevaade

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

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TR 15367-3:2009

Hind 114,00

Identne CEN/TR 15367-3:2009

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

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

Keel en

CEN/TS 15722:2009

Hind 114,00

Identne CEN/TS 15722:2009

Road transport and traffic telematics - ESafety - ECall minimum set of data (MSD)

This Technical Specification defines the standard data concepts that comprise the "Minimum Set of Data" to be transferred from a vehicle to a "Public Safety Answering Point" (PSAP) in the event of a crash or emergency via an "eCall" communication session.

Keel en

CEN/TS 15873:2009

Hind 188,00

Identne CEN/TS 15873:2009

Postal Services - Open Standard Interface - Address Data File Format for OCR/VCS Dictionary Generation

This document defines a file format for the generation of postal address directories. It is designed to hold all information necessary to support address reading software including data required for forwarding applications. In typical postal automation systems these files will be processed by directory generation software which creates application specific loadable data. This data – usually referred to as operational directory – is heavily compressed and contains access tables tailored for the specific reading software. Not in the scope of this document are topics external to file like compression, checksums, the interface for transmission to the supplier, modification permissions, error handling on inconsistent data and undo in updates.

Keel en

CWA 45546-1:2004

Hind 256,00

Identne CWA 45546-1:2004

Guidelines to standardisers of Collective Transport Systems - Needs of older people and persons with disabilities - Part 1: Basic Guidelines

The present text provides guidance to writers of relevant standards relating to collective transport on how to take account of the needs of all passengers with reduced mobility, especially older persons and persons with disabilities. This document pursues the furtherance of globally accessible collective transport, that is to say, transport that can be used by everyone.

Keel en

EVS-ISO/IEC 90003:2009

Hind 487,00

ja identne ISO/IEC 90003:2004

Tarkvaratehnika. Juhised ISO 9001:2000 rakendamiseks tarkvarale

Standard spetsifitseerib nõuded kvaliteedijuhtimissüsteemile juhuks, kui organisatsioon a) vajab vahendit demonstreerimaks oma suutvust väljastada järjekindlalt kliendi ja kohaldatavatele regulatiivsetele nõuetele vastavat toodet, ning b) püüab suurendada kliendi rahulolu süsteemi mõjusa rakendamise, sh süsteemi pideva parendamise protsesside ning kliendi ja kohaldatavatele regulatiivsetele nõuetele vastavuse tagamise teel.

Keel et,en

Asendab EVS-EN ISO 9000-3:1999

KAVANDITE ARVAMUSKÜSITLUS

FprEN 9100

Identne FprEN 9100:2009

Tähtaeg 29.06.2009

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

This International Standard specifies requirements for a quality management system where an organization a) needs to demonstrate its ability to consistently provide product that meets customer and applicable statutory and regulatory requirements, and b) aims to enhance customer satisfaction through the effective application of the system, including processes for continual improvement of the system and the assurance of conformity to customer and applicable statutory and regulatory requirements.

Keel en

Asendab EVS-EN 9100:2003

07 MATEMAATIKA. LOODUSTEADUSED

UUED STANDARDID JA PUBLIKATSIOONID

CEN ISO/TS 11133-1:2009

Hind 166,00

Identne CEN ISO/TS 11133-1:2009

ja identne ISO/TS 11133-1:2009

Microbiology of food and animal feeding stuffs - Guidelines on preparation and production of culture media - Part 1: General guidelines on quality assurance for the preparation of culture media in the laboratory

This part of ISO/TS 11133 provides the general terminology related to quality assurance and specifies the minimum requirements for the preparation of culture media to be used for the microbiological analysis of products intended for human consumption or animal feeding. It is also applicable to culture media to be used for the microbiological analysis of all kinds of water. These requirements are applicable to four categories of culture media used in laboratories that prepare and/or use culture media for performing microbiological analyses: - commercially manufactured ready-to-use media; - media to be remelted, supplemented and distributed; - media prepared from commercially available dehydrated formulations; - media prepared from their individual components.

Keel en

EVS-EN ISO 11737-1:2006/AC:2009

Hind 0,00

Identne EN ISO 11737-1:2006/AC:2009

ja identne ISO 11737-1:2006/Cor.1:2007

Meditsiiniseadmete steriliseerimine. Mikrobioloogilised meetodid. Osa 1: Mikroobse populatsiooni määramine tootel

Keel en

EVS-ISO 21527-1:2009

Hind 92,00

ja identne ISO 21527-1:2008

Toidua ja loomasööda mikrobioloogia. Horisontaalmeetod pärmide ja hallituste loendamiseks. Osa 1: Kolooniade loendamise tehnika toodete puhul, mille veeaktiivsus on suurem 0,95

Standardi ISO 21527 see osa määratleb eluvõimeliste pärmide ja hallituste loendamise horisontaalmeetodil toiduks ja loomasöödaks ettenähtud toodetes, mille veeaktiivsus on suurem kui 0,95 (munad, liha, piimatooted [v.a piimapulber], puuviljad, köögiviljad, pasteedid) temperatuuril 25 °C +- 1 °C kolooniade loendamise tehnikat kasutades (Viide [1], [2]). Standardi ISO 21527 see osa ei võimalda loendada hallituste spoore. Samuti ei hõlma standardi ISO 21527 see osa seenmikrofloora identifitseerimist ning mükotoksiinide määramist toidus. Standardi 21527 see osa ei ole sobilik kuumust taluvate seente (*Byssoschlamys fulva*, *Byssoschlamys nivea*) loendamiseks, mis võivad esineda konserveeritud või purkidesse villitud puu- ja köögiviljades

Keel en

Asendab EVS-ISO 7954:1999

EVS-ISO 21527-2:2009

Hind 105,00

ja identne ISO 21527-2:2008

Toidu ja loomasööda mikrobioloogia.

Horisontaalmeetod pärmide ja hallituste loendamiseks. Osa 2: Kolooniade loendamise tehnika toodete puhul, mille veeaktiivsus on väiksem või võrdne 0,95

Standardi ISO 21527 see osa määratleb eluvõimeliste osmofiilsete pärmide ja kserofiilsete hallituste loendamise horisontaalmeetodil toiduks ja loomasöödaks ettenähtud toodetes, mille veeaktiivsus on väiksem või võrdne 0,95 (kuivatatud puuviljad, koogid, moosid, kuivatatud liha, soolakala, teravili ja teraviljatooted, jahud, pähkliid, vürtsid ja maitseained jne) temperatuuril 25 °C +/- 1 °C kolooniade loendamise tehnikat kasutades (Viide [3]). Standardi ISO 21527 see osa ei ole rakendatav dehüdreeritud toodete puhul, mille veeaktiivsus on väiksem või võrdne 0,60 (dehüdreeritud teravili, õlitooted, vürtsid, kaunviljalised taimed, seemned, lahustuvate jookide pulbrid, koduloomade kuivtoit jne) ning ei võimalda loendada hallituste spore. Samuti ei hõlma standardi ISO 21527 see osa seenmikrofloora identifitseerimist ning mükotoksiinide määramist toidus. Standardi 21527 see osa ei ole sobilik halofiilsete kserofiilsete seente (nt *Polypaecilum pisce*, *Basipetospora halophila*) loendamiseks, mis võivad esineda kuivatatud kalas.

Keel en

Asendab EVS-ISO 7954:1999

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-ISO 7954:1999

ja identne ISO 7954:1987

Mikrobioloogia. Üldjuhend pärmide ja hallituste arvu määramiseks. Kolooniade loendamise tehnika 25 °C juures

Käesolev standard annab üldjuhendid elujõuliste pärmide ja hallituste määramiseks toiduainetes ja loomasöötaades kolooniade loendamise tehnikaga 25 °C juures.

Keel et

Asendatud EVS-ISO 21527-1:2009; EVS-ISO 21527-2:2009

11 TERVISEHOOLDUS

UUED STANDARDID JA PUBLIKATSIOONID

CEN ISO/TS 11135-2:2008/AC:2009

Hind 0,00

Identne CEN ISO/TS 11135-2:2008/AC:2009

ja identne CEN ISO/TS 11135-2:2008/Cor.1:2009

Sterilization of health care products - Ethylene oxide - Part 2: Guidance on the application of ISO 11135-1

Keel en

CEN ISO/TS 17665-2:2009

Hind 256,00

Identne CEN ISO/TS 17665-2:2009

ja identne ISO/TS 17665-2:2009

Sterilization of health care products - Moist heat - Part 2: Guidance on the application of ISO 17665-1

This Technical Specification provides general guidance on the development, validation and routine control of moist heat sterilization processes and is intended to explain the requirements set forth in ISO 17665-1. The guidance given in this Technical Specification is provided to promote good practice related to moist heat sterilization processes and to assist those developing and validating a moist heat sterilization process according to ISO 17665-1.

Keel en

EVS-EN ISO 9999:2007/AC:2009

Hind 0,00

Identne EN ISO 9999:2007/AC:2009

ja identne ISO 9999:2007/Cor.1:2007

Puuetega inimeste tehnilised abivahendid.

Klassifikatsioon ja terminoloogia

Keel en

EVS-EN ISO 11137-2:2007/AC:2009

Hind 0,00

Identne EN ISO 11137-2:2007/AC:2009

ja identne ISO 11137-2:2006/Cor.1:2009

Tervishoiutoodete steriliseerimine. Kiirgus. Osa 2:

Steriliseerimisdoosi määramine

Keel en

EVS-EN ISO 11737-1:2006/AC:2009

Hind 0,00

Identne EN ISO 11737-1:2006/AC:2009

ja identne ISO 11737-1:2006/Cor.1:2007

Meditiiniseadmete steriliseerimine.

Mikrobioloogilised meetodid. Osa 1: Mikroobse populatsiooni määramine tootel

Keel en

EVS-EN ISO 11981:2000/AC:2009

Hind 0,00

Identne EN ISO 11981:1999/AC:2009

ja identne ISO 11981:1999/Cor.1:2005

Ophthalmic optics - Contact lenses and contact lens care products - Determination of physical compatibility of contact lens care products with contact lenses

Keel en

EVS-EN ISO 20795-1:2008/AC:2009

Hind 0,00

Identne EN ISO 20795-1:2008/AC:2009

ja identne ISO 20795-1:2008/Cor.1:2009

Dentistry - Base polymers - Part 1: Denture base polymers

Keel en

KAVANDITE ARVAMUSKÜSITLUS

EN 1060-2:1999/FprA1

Identne EN 1060-2:2002/FprA1:2009

Tähtaeg 29.06.2009

Mitteinvasiivsed sfügmomanomeetrid. Osa 2:

Lisanõuded mehaanilistele sfügmomanomeetritele

Standardi käesolev osa esitab funktsioneerimise, jõudluse ning mehaanilise ja elektrilise ohutuse nõuded, k.a. testimismeetodid, mitteinvasiivsetele mehaanilistele sfügmomanomeetritele ning nende lisaseadmetele, mida kasutatakse mitteinvasiivseks arteriaalse vererõhu mõõtmiseks täispuhutava manseti abil.

Keel en

EN 1060-3:1999/FprA2

Identne EN 1060-3:2005/FprA2:2009

Tähtaeg 29.06.2009

Mitteinvasiivsed sfügmomanomeetrid. Osa 3:

Lisanõuded vererõhu mõõtmiseks ettenähtud elektromehaanilistele süsteemidele

Standardi käesolev osa esitab funktsioneerimise, jõudluse ja ohutusnõuded vererõhu mõõtmiseks ettenähtud elektromehaanilistele süsteemidele, mida kasutatakse mitteinvasiivseks arteriaalse vererõhu mõõtmiseks õlavarrel, randmel ja reiel täispuhutava manseti abil. Standard esitab ka nõuded nende lisaseadmetele ning annab testimismeetodid.

Keel en

EN 13204:2005/prA1

Identne EN 13204:2004/prA1:2009

Tähtaeg 29.06.2009

Kaheotstarbelised hüdraulilised päästevahendid tuletõrjajatele ja päästemeeskondadele. Ohutus- ja toimimisnõuded

This European Standard deals with the technical requirements to minimise the risks of hazards listed in Clause 4 which can arise during the operation and/or maintenance of double acting hydraulic rescue tool systems, when carried out as intended by the manufacturer or his authorised representative. All the safety requirements of this standard apply to double acting hydraulic rescue tools manufactured after the date of publication.

Keel en

EN 14476:2005/FprA2

Identne EN 14476:2005/FprA2:2009

Tähtaeg 29.06.2009

Chemical disinfectants and antiseptics - Virucidal quantitative suspension test for chemical disinfectants and antiseptics used in human medicine - Test method and requirements (phase 2, step 1)

This document specifies a test method and the minimum requirements for virucidal activity of chemical disinfectants or antiseptic products for instruments, surfaces or hands that form a homogeneous physically stable preparation when diluted with hard water – or in the case of ready-to-use products – with water.

Keel en

FprEN 60601-1-11

Identne FprEN 60601-1-11:2009

ja identne IEC 60601-1-11:200X

Tähtaeg 29.06.2009

Medical electrical equipment - Part 1-11: General requirements for basic safety and essential performance - Collateral standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment

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, which are intended by their MANUFACTURER for use in the HOME HEALTHCARE ENVIRONMENT, as defined in 3.2.

Keel en

FprEN 60601-2-47

Identne FprEN 60601-2-47:2009

ja identne IEC 60601-2-47:200X

Tähtaeg 29.06.2009

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

This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of AMBULATORY ELECTROCARDIOGRAPHIC SYSTEMS, hereafter referred to as ME EQUIPMENT. If a clause or subclause is specifically intended to be applicable to ME EQUIPMENT only, or to ME SYSTEMS only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME EQUIPMENT and to ME SYSTEMS, as relevant. HAZARDS inherent in the intended physiological function of ME EQUIPMENT or ME SYSTEMS within the scope of this standard are not covered by specific requirements in this standard except in 7.2.13 and 8.4.1 of the general standard.

Keel en

Asendab EVS-EN 60601-2-47:2003

FprEN ISO 10944

Identne FprEN ISO 10944:2009

ja identne ISO/FDIS 10944:2009

Tähtaeg 29.06.2009

Oftalmilised instrumendid. Sünoptofoorid

This International Standard, together with ISO 15004-1, specifies minimum requirements and test methods for synoptophores (also called major amblyoscopes or synoptometers) used to test, measure, train and develop the patient's binocular vision and to measure horizontal, vertical and cyclo deviation in different positions of gaze. This International Standard takes precedence over ISO 15004-1, if differences exist.

Keel en

Asendab EVS-EN ISO 10944:1999

FprEN ISO 22794

Identne prEN ISO 22794:2009

ja identne ISO 22794:2007

Tähtaeg 29.06.2009

Dentistry - Implantable materials for bone filling and augmentation in oral and maxillofacial surgery - Contents of a technical file

This International Standard applies to implantable materials, whether resorbable or non-resorbable, used as dental devices for filling and augmenting bones in oral and maxillofacial surgery. Products that are essentially pure (> 90 %) hydroxyapatite are not covered by this International Standard. Evaluation includes the physico-chemical, mechanical, biological and clinical aspects and behaviour of these implantable dental materials. Materials such as autografts, allografts and membranes, and products for which the primary intended use is to deliver a medicinal product, are not covered by this International Standard.

Keel en

Asendab EVS-EN ISO 22794:2008

prEN ISO 14160

Identne prEN ISO 14160:2009

ja identne ISO/DIS 14160:2009

Tähtaeg 29.06.2009

Sterilization of health care products - Liquid chemical sterilizing agents for single-use medical devices utilizing animal tissues and their derivatives - Requirements for characterization, development, validation and routine control of a sterilization process for medical devices

This International Standard specifies requirements for the characterization of a liquid chemical sterilizing agent and for the development, validation, process control and monitoring of the sterilization, by the use of liquid chemical sterilizing agents, of single-use medical devices comprising, in whole or in part, materials of animal origin. This International Standard does not apply to material of human origin. This International Standard does not describe a quality management system for the control of all stages of manufacture.

Keel en

Asendab EVS-EN ISO 14160:1999

prEN ISO 14602

Identne prEN ISO 14602:2009

ja identne ISO/DIS 14602:2009

Tähtaeg 29.06.2009

Mitteaktiivsed kirurgilised implantaadid. Osteosünteesiks ettenähtud implantaadid. Erinõuded

This International Standard specifies particular requirements for non-active surgical Implants for osteosynthesis, hereafter referred to as implants. In addition to ISO 14630, this International Standard gives particular requirements for intended performance, design attributes, materials, design evaluation, manufacturing, sterilization, packaging, and information supplied by the manufacturer.

Keel en

Asendab EVS-EN ISO 14602:1999

prEN ISO 24500

Identne prEN ISO 24500:2009

ja identne ISO/DIS 24500:2009

Tähtaeg 29.06.2009

Ergonomics - Accessible design - Auditory signals for consumer products

This International Standard specifies the auditory signals used as a means to communicate information as feedback of operation or the condition of products when a user with or without visual or auditory impairment uses a consumer product. Young people with hearing impairments are not in the scope because their hearing characteristics differ from person to person and, therefore, it is difficult to specify auditory signals that are generally usable for those people. It shall be applied to auditory signals of a fixed frequency used in general applications (also called beep sounds) and shall not be applied to variable frequency sounds or melodic sounds. It does not specify fire alarm sounds, gas leak alarm sounds, or crime prevention alarm sounds, which are determined by other laws and regulations, nor does it specify electronic chimes, voice guides, and other sounds particular to communication instruments such as telephones. It does not specify auditory danger signals for public or work areas which are covered in ISO 7731, ISO 8201, and ISO 11429.

Keel en

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TR 12101-4:2009

Hind 256,00

Identne CEN/TR 12101-4:2009

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 it does not state how the design is made. This Technical Report also covers requirements for 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

Asendab CEN/TR 12101-4:2006

CEN/TR 15276-1:2009

Hind 243,00

Identne CEN/TR 15276-1:2009

Fixed firefighting systems - Condensed aerosol extinguishing systems - Part 1: Requirements and test methods for components

This document specifies requirements, describes test methods for condensed aerosol extinguishing components and covers solely condensed aerosols. This document is not intended to indicate approval of the extinguishants listed herein by the appropriate authorities, as other extinguishants may be equally acceptable. This document is intended as a standard covering solely condensed aerosol. The condensed aerosol generator typically consists of the following main components: a) solid aerosol-forming compound; b) cooling mechanism; c) ignition device(s); d) end plate discharge outlet(s); e) housing; f) mounting bracket. This document does not cover dispersed aerosols. This document requires, as a precaution, that the room is evacuated and sealed off whenever a generator is activated. Precautions include evacuation of the proximity area, criteria for re-entering and other safeguards as stated in Clause 5 of CEN/TR 15276-2:2009.

Keel en

CEN/TR 15276-2:2009

Hind 209,00

Identne CEN/TR 15276-2:2009

Fixed firefighting systems - Condensed aerosol extinguishing systems - Part 2: Design, installation and maintenance

This document specifies requirements and describes the methods for the design, installation, testing, maintenance and safety of condensed aerosol extinguishing systems and the characteristics of the extinguishant media and types of fire for which it is a suitable extinguishing medium. This document also covers the use of condensed aerosol extinguishing systems for total flooding applications in normally unoccupied and unoccupiable areas, primarily related to buildings, plant and other specific applications, utilising electrically non-conducting aerosol fire extinguishants and for which there are sufficient data available to enable validation of performance characteristics by an appropriate independent authority. This document is intended as a standard covering solely condensed aerosol. This document is not applicable to explosion suppression applications. This document is not intended to indicate approval of the extinguishants listed herein by the appropriate authorities, as other extinguishants may be equally acceptable. This document is applicable to the extinguishants which fulfil CEN/TR 15276-1.

Keel en

CEN/TS 45545-4:2009

Hind 124,00

Identne CEN/TS 45545-4:2009

Raudteealased rakendused. Raudteeveeremi tuleohutus. Osa 4: Tuleohutusnõuded raudteeveeremi projekteerimisel

This part specifies fire safety requirements for railway vehicle design to cover the objectives defined in CEN/TS 45545-1. The measures and requirements specified in this part of the Technical Specification aim to protect passengers and staff in railway vehicles in the event of a fire on board by minimizing the risk of a fire starting, delaying the fire development and controlling the spread of fire products through the vehicle, thus aiding evacuation. It is not within the scope of this Technical Specification to describe measures which ensure the preservation of the vehicles in the event of a fire. This part is valid for railway vehicles defined in CEN/TS 45545-1.

Keel en

CLC/TS 45545-5:2009

Hind 135,00

Identne CLC/TS 45545-5:2009

Raudteealased rakendused. Raudteeveeremi tuleohutus. Osa 5: Tuleohutusnõuded elektriseadmetele, kaasa arvatud trollibusside, rööbasbusside ja magnethõljukrongide elektriseadmed

This Part 5 specifies the fire safety requirements for electrical equipment on railway vehicles, including that of trolley buses, track guided buses and magnetic levitation vehicles. The measures and requirements, specified in this Technical Specification meet the objective of protecting passengers and staff in railway vehicles in the event of a fire on board by: – minimizing the risk of starting a fire both during operation and as a result of technical defect and/or malfunction of the electrical equipment; – ensuring that electrical emergency equipment continues to be available until evacuation is complete. It is not within the scope of this Technical Specification to describe measures which ensure the preservation of the electrical equipment in the event of a fire on board.

Keel en

Asendab CLC/TS 45545-5:2004

CLC/TS 50131-2-7-2:2009

Hind 219,00

Identne CLC/TS 50131-2-7-2:2009

Alarm systems - Intrusion and hold-up systems - Part 2-7-2: Intrusion detectors - Glass break detectors (passive)

This Technical Specification is for passive surface mounted glass break detectors installed in buildings and provides for security grades 1 to 4 (see EN 50131-1), specific or non-specific wired or wire-free detectors and uses environmental classes I to IV (see EN 50130-5). This Technical Specification does not include requirements for passive surface mounted glass break detectors intended for use outdoors. A detector shall fulfil all the requirements of the specified grade. Functions additional to the mandatory functions specified in this standard may be included in the detector, providing they do not adversely influence the correct operation of the mandatory functions. This Technical Specification does not apply to system interconnections.

Keel en

CLC/TS 50131-2-7-3:2009

Hind 219,00

Identne CLC/TS 50131-2-7-3:2009

Alarm systems - Intrusion and hold-up systems - Part 2-7-3: Intrusion detectors - Glass break detectors (active)

This Technical Specification is for active surface mounted glass break detectors installed in buildings and provides for security grades 1 to 4 (see EN 50131-1), specific or non-specific wired or wire-free detectors and uses environmental classes I to IV (see EN 50130-5). This Technical Specification does not include requirements for active surface mounted glass break detectors intended for use outdoors. A detector shall fulfil all the requirements of the specified grade. Functions additional to the mandatory functions specified in this standard may be included in the detector, providing they do not adversely influence the correct operation of the mandatory functions. This Technical Specification does not apply to system interconnections.

Keel en

CLC/TS 50131-2-7-1:2009

Hind 229,00

Identne CLC/TS 50131-2-7-1:2009

Alarm systems - Intrusion and hold-up systems - Part 2-7-1: Intrusion detectors - Glass break detectors (acoustic)

This Technical Specification is for passive acoustic glass break detectors installed in buildings and provides for security grades 1 to 4 (see EN 50131-1), specific or non-specific wired or wire-free detectors and uses environmental classes I to IV (see EN 50130-5). This Technical Specification does not include requirements for passive acoustic glass break detectors intended for use outdoors. A detector shall fulfil all the requirements of the specified grade. Functions additional to the mandatory functions specified in this standard may be included in the detector, providing they do not adversely influence the correct operation of the mandatory functions. This Technical Specification does not apply to system interconnections.

Keel en

CLC/TS 50398:2009

Hind 155,00

Identne CLC/TS 50398:2009

Alarm systems - Combined and integrated alarm systems - General requirements

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

Keel en

Asendab CLC/TS 50398:2002

CWA 15931-1:2009

Hind 256,00

Identne CWA 15931-1:2009

Disaster and emergency management - Shared situation awareness - Part 1: Message structure

The context of this CEN Workshop Agreement (CWA) is disaster and emergency management, and it aims to assist organizations involved by providing a message structure for the transfer of information between computer based systems in such a way that it can be reliably decoded. This is done by encoding the information in an XML Schema. The companion CWA-Part 2 provides a system of terms relating to disasters and emergencies and their encoding. Many of the XML fields are required to use a term from the companion CWA-Part 2, rather than free text, so that the information is well defined, and can be automatically translated into language appropriate to the user.

Keel en

CWA 15931-2:2009

Hind 271,00

Identne CWA 15931-2:2009

Disaster and emergency management - Shared situation awareness - Part 2: Codes for the message structure

The context of this CEN Workshop Agreement (CWA) is disaster and emergency management, and it aims to assist organizations involved by providing the list of codes for the message structure for the transfer of information between computers based systems in such a way that it can be reliably decoded. This is done by encoding the information in an XML Schema. This CWA-Part 2 provides a system of terms relating to disasters and emergencies and their encoding. Many of the XML fields are required to use a term from this companion CWA-Part 2, rather than free text, so that the information is well defined, and can be automatically translated into language appropriate to the user.

Keel en

EVS 840:2009

Hind 155,00

ja identne EVS 840:2003

Radooniohutu hoone projekterimine

Standard on koostatud eesmärgiga anda projekterijatele ja ehitajatele juhiseid sellise hoone ehitamiseks, kus välditakse tervistkahjustava radooni lubatud piirkontsentratsiooni ületamist elu-, töö- ja puhkeruumides. Tinglikult nimetatakse vastavalt standardis antud soovitustele ehitatud hoonet edaspidi radooniohutuks hooneks. Radoonist lähtub terviserisk igasuguse kontsentratsiooni juures, kuid standardis kehtestatud piirväärtuse juures on tervisekahjustuse ilmumine väikese tõenäosusega. Standard käsitleb ka gammakiirguse doosikiiruse normväärtust.

Keel et

Asendab EVS 840:2003

EVS 904:2009

Hind 219,00

ja identne EVS 904:2009

Hajusallikate heitkoguste mõõtmine. Tööstushooned ja loomalaudad

Standardis käsitletakse tööstushoonete ja loomalaudad hajuheidete mõõtemetodeid. Hetkelise heitkoguse mõõtmiseks lubatakse kasutada otsest ja kaudset meetodit. Standard ei käsitle hoonete või laudad ümbruse juurde kuuluvatelt pindadelt pärinevaid hajuheidet. Antud standardi käsitlemine eeldab standardi EVS 892 tundmist.

Keel et

EVS-EN 671-3:2009

Hind 92,00

Identne EN 671-3:2009

Paiksed tulekustutusüsteemid. Voolikusüsteemid. Osa 3: Pooljäiga voolikuga voolikupoolide ja lamevoolikuga voolikusüsteemide hooldus

This European Standard specifies requirements for inspection and maintenance of hose reels and hose systems such that they continue to provide the service for which they were manufactured, supplied or installed i.e. to ensure a first emergency intervention to fight a fire before more powerful means can be implemented. This European Standard is applicable to hose reel and hose system installations in all types of buildings irrespective of the nature of use of the buildings.

Keel en

Asendab EVS-EN 671-3:2005

EVS-EN 1366-3:2009

Hind 336,00

Identne EN 1366-3:2009

Fire resistance tests for service installations - Part 3: Penetration seals

This Part of EN 1366 specifies a method of test and criteria for the evaluation (including field of application rules) of the ability of a penetration seal to maintain the fire resistance of a separating element at the position at which it has been penetrated by a service. Penetration seals used to seal gaps around chimneys, air ventilation systems, fire rated ventilation ducts, fire rated service ducts, shafts and smoke extraction ducts are excluded from this standard except for mixed penetration seals. The fire resistance of those services itself cannot be assessed with the methods described in this standard. Supporting constructions are used in this standard to represent separating elements such as walls or floors. These simulate the interaction between the test specimen and the separating element into which the sealing system is to be installed in practice.

Keel en

Asendab EVS-EN 1366-3:2004

EVS-EN 1760-3:2004+A1:2009

Hind 271,00

Identne EN 1760-3:2004+A1:2009

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

This document deals with requirements for pressure sensitive protective devices which are not specified in EN 1760-1 and EN 1760-2. The majority of these devices are produced for specific applications and are not available as off-the-shelf items. The purpose of this document relates primarily to safety and reliability rather than suitability. For the relationship between safety and reliability, see EN 954-1:1996, Annex D. This document specifies requirements for pressure sensitive protective devices with and without an external reset facility. This document does not specify the dimensions of pressure sensitive protective devices in relation to any particular application. Specific requirements for particular applications may be set out in relevant type C standards.

Keel en

Asendab EVS-EN 1760-3:2004

EVS-EN 1777:2005+A1:2009

Hind 315,00

Identne EN 1777:2004+A1:2009

Hüdraulilised platvormid (HP) tuletõrje- ja päästeteenistustele. Ohutusnõuded ja katsetamine KONSOLIDEERITUD TEKST

This document identifies the significant hazards (see 4) in the use of all sizes of HP by fire fighting and rescue services, on the basis that they are supplied in a complete form, tested and ready for use, and gives methods for the elimination or reduction of these hazards and for the use of safe working practices.

Keel en

Asendab EVS-EN 1777:2005

EVS-EN 13158:2009

Hind 243,00

Identne EN 13158:2009

Kaitseriietus. Jakid, keha- ja õlakaitse ratsutamiseks. Ratsanikule, hobustega töötavale inimesel ja hobuveoki juhile. Nõuded ja katsemeetodid

This Standard specifies the requirements and test methods for the coverage, sizing, adaptability and adjustability, restraint, ergonomics, construction, innocuousness, and performance under impact to be provided by protective jackets, body and shoulder protectors to be worn by children, youths and adults of either sex while riding horses, working with horses, driving horses or being a passenger in a horse driven vehicle. Such protectors are intended to provide some protection against impacts due to falls from horses and vehicles, and impacts while on the ground due to a fall, or while working with a horse. Impacts may be against the ground or objects such as trees or vehicles, or impacts may be due to kicks, being trodden on or being crushed by a horse. The protectors covered by this Standard are not intended to provide complete protection against injuries in accidents involving severe torsion, flexion, extension or crushing of the body. Requirements for marking and the provision of information are given.

Keel en

Asendab EVS-EN 13158:2000

EVS-EN 13277-7:2009

Hind 145,00

Identne EN 13277-7:2009

Võitlusspordi kaitsevarustus. Osa 7: Lisanõuded ja katsemeetodid käte ja jalgade kaitsevarustusele

This European Standard specifies additional requirements and test methods for hand and foot protectors which are used in unarmed martial arts, including boxing, for strikes against other persons or training equipment.

Keel en

EVS-EN 14043:2005+A1:2009

Hind 315,00

Identne EN 14043:2005+A1:2009

Kõrghoonetes kasutatavad tuletõrjeteenistuste teleskooppäästeseadmed. Kombineeritud liikumisega pöördredelid. Ohutus- ja toimivusnõuded ja katsemeetodid KONSOLIDEERITUD TEKST

This European Standard specifies the safety and performance requirements and test methods applicable to turntable ladders with combined movements of classes 18, 24 and 30, as defined in 3.13, under the control of firefighters and intended for fire fighting and rescuing people.

Keel en

Asendab EVS-EN 14043:2005

EVS-EN 14044:2005+A1:2009

Hind 295,00

Identne EN 14044:2005+A1:2009

Kõrghoonetes kasutatavad tuletõrjeteenistuste teleskooppäästeseadmed. Järjestikuse liikumisega pöördredelid. Ohutus- ja toimivusnõuded ja katsemeetodid KONSOLIDEERITUD TEKST

This European Standard specifies the safety and performance requirements and test methods applicable to turntable ladders with sequential movements of classes 18, 24 and 30, as defined in 3.13, under the control of firefighters and intended for fire fighting and rescuing people.

Keel en

Asendab EVS-EN 14044:2005; EVS-EN 14044:2005/AC:2007

EVS-EN 15089:2009

Hind 219,00

Identne EN 15089:2009

Plahvatuste isoleerimise süsteemid

This European Standard describes the general requirements for explosion isolation systems. An explosion isolation system is a protective system, which prevents an explosion pressure wave and a flame or only a flame from propagating via connecting pipes or ducts into other parts of apparatus or plant areas. This European Standard specifies methods for evaluating the efficacy of the various explosion isolation systems, and methods for evaluating design tools for such explosion isolation systems when applying these in practice. This European Standard also sets out the criteria for alternative test methods and interpretation means to validate the efficacy of explosion isolations. It covers e.g.: a) general requirements for the explosion isolation components; b) evaluating the effectiveness of an explosion isolation system; c) evaluating design tools for explosion isolation systems.

Keel en

EVS-EN 15267-1:2009

Hind 145,00

Identne EN 15267-1:2009

Air quality - Certification of automated measuring systems - Part 1: General principles

This European Standard specifies the general principles, including common procedures and requirements, for the product certification of automated measuring systems (AMS) for monitoring ambient air quality and emissions from stationary sources. This product certification consists of the following sequential stages: a) performance testing of an automated measuring system; b) initial assessment of the AMS manufacturer's quality management system; c) certification; d) surveillance. This European Standard applies to the certification of all AMS for monitoring ambient air quality and emissions from stationary sources for which performance criteria and test procedures are available in European Standards.

Keel en

EVS-EN 15267-2:2009

Hind 145,00

Identne EN 15267-2:2009

Air quality - Certification of automated measuring systems - Part 2: Initial assessment of the AMS manufacturer's quality management system and post certification surveillance for the manufacturing process

This European Standard specifies the requirements for the manufacturer's quality management system, the initial assessment of the manufacturer's production control and the continuing surveillance of the effect of subsequent design changes on the performance of certified automated measuring systems. This European Standard also serves as a reference document for auditing the manufacturer's quality management system.

Keel en

EVS-EN 15882-3:2009

Hind 145,00

Identne EN 15882-3:2009

Extended applications of results from fire resistance tests for service installations - Part 3: Penetration seals

The purpose of this European Standard is to provide the principles and guidance for the preparation of extended application documents for penetration sealing systems tested in accordance with EN 1366-3. The field of the extended application document is additional to the direct field of application given within EN 1366-3 and may be applied to or based on a single test, or a number of tests, which provide the relevant information for the formulation of an extended application. It should be noted that this European Standard provides general guidance on the likely effects of a change. It gives no guidance as to the magnitude, nor how this magnitude is evaluated. Composite pipes comprising both metallic and plastics components are not covered by this European Standard.

Keel en

EVS-EN 50131-3:2009

Hind 295,00

Identne EN 50131-3:2009

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.

Keel en

Asendab CLC/TS 50131-3:2003

EVS-EN 60335-2-31:2003/A2:2009

Hind 92,00

Identne EN 60335-2-31:2003/A2:2009

ja identne IEC 60335-2-31:2002/A2:2008

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-31: Erinõud piliitide ärätõmbekuplitele ja muudele toiduvalmistussuitsu eemaldamise seadmetele

This standard deals with the safety of electric range hoods intended for installing above household cooking ranges, hobs and similar cooking appliances, their rated voltage being not more than 250 V.

Keel en

EVS-EN ISO 13849-1:2008/AC:2009

Hind 0,00

Identne EN ISO 13849-1:2008/AC:2009

ja identne ISO 13849-1:2006/Cor.1:2009

Masinate ohutus. Ohutust mõjutavad osad juhtimissüsteemides. Osa 1: Kavandamise üldpõhimõtted

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**CEN/TR 12101-4:2006**

Identne CEN/TR 12101-4:2006

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 requires that a detailed engineering design of the system exists but this standard 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

Asendatud CEN/TR 12101-4:2009

CLC/TS 45545-5:2004

Identne CLC/TS 45545-5:2004

Railway applications – Fire protection on railway vehicles Part 5: Fire safety requirements for electrical equipment including that of trolley buses, track guided buses and magnetic levitation vehicles

This Technical Specification specifies the fire safety requirements for electrical equipment on railway vehicles, including that of trolley buses, track guided buses and magnetic levitation vehicles. The measures and requirements, specified in this Technical Specification meet the objective of protecting passengers and staff in railway vehicles in the event of a fire on board by: - minimising the risk of starting a fire both during operation and as a result of technical defect and/or malfunction of the electrical equipment; - ensuring that electrical emergency equipment continues to be available until evacuation is complete. It is not within the scope of this Technical Specification to describe measures which ensure the preservation of the electrical equipment in the event of a fire on board.

Keel en

Asendatud CLC/TS 45545-5:2009

CLC/TS 50131-3:2003

Identne CLC/TS 50131-3:2003

Alarm systems Intrusion systems Part 3: Control and indicating equipment

This Technical Specification specifies the requirements, testing procedures security and environmental performance criteria for control and indicating equipment (CIE) intended for use in intrusion alarm system (IAS) and hold-up alarm systems (HAS) installed in buildings

Keel en

Asendatud EVS-EN 50131-3:2009

EVS 840:2003

ja identne EVS 840:2003

Radooniohutu hoone projekteerimine

Standard on koostatud eesmärgiga anda projekteerijatele ja ehitajatele juhiseid radooniohutu hoone ehitamiseks, vältimaks tervistkahjustava radooni lubatud piirkontsentratsiooni ületamist ruumides, kus inimesed pikemat aega viibivad.

Keel et

Asendatud EVS 840:2009

EVS-EN 671-3:2005

Identne EN 671-3:2000

Paiksed tulekustutusüsteemid. Voolikusüsteemid. Osa 3: Pooljäiga voolikuga voolikupoolide ja lamevoolikuga voolikusüsteemide hooldus

Standard annab soovitusi voolikupoolide ja voolikusüsteemide kontrolli ja hoolduse kohta selliselt, et nad jätkuvalt kindlustaksid tootmis-, hankimis- või paigaldamisjärgse teenuse, s.t tagaksid sekkumise algava õnnetuse korral tulekahju kustutamiseks kuni kustutustööd on võimalik teostada võimsamate vahenditega.

Keel et

Asendatud EVS-EN 671-3:2009

EVS-EN 1366-3:2004

Identne EN 1366-3:2004

Fire resistance tests for service installations - Part 3: Penetration seals

This document specifies a method of test and criteria for the evaluation of the ability of a penetration sealing system to maintain the fire resistance of a separating element at the position at which it has been penetrated by a service. Excluded are chimneys, air ventilation systems, fire rated ventilation ducts, fire rated service ducts, shafts and smoke extraction ducts.

Keel en

Asendatud EVS-EN 1366-3:2009

EVS-EN 1760-3:2004

Identne EN 1760-3:2004 + AC:2006

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

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

Keel en

Asendatud EVS-EN 1760-3:2004+A1:2009

EVS-EN 1777:2005

Identne EN 1777:2004

Hüdraulilised platvormid (HP) tuletorje- ja päästeteenistustele. Ohutusnõuded ja katsetamine

This European standard identifies the significant hazards (see 4) in the use of all sizes of HP by fire fighting and rescue services, on the basis that they are supplied in a complete form, tested and ready for use, and gives methods for the elimination or reduction of these hazards and for the use of safe working practices.

Keel en

Asendatud EVS-EN 1777:2005+A1:2009

EVS-EN 1846-2:2002

Identne EN 1846-2:2001

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

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

Keel en

Asendatud FprEN 1846-2; EVS-EN 1846-2:2002+A3:2009

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

Identne EN 1846-2:2001/A1:2004

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

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

Keel en

Asendatud EVS-EN 1846-2:2002+A3:2009

EVS-EN 1846-2:2002/A2:2006

Identne EN 1846-2:2001/A2:2006

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

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

Keel en

Asendatud EVS-EN 1846-2:2002+A3:2009

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

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

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

Keel en

Asendatud EVS-EN 1846-2:2002+A3:2009

EVS-EN 1846-2:2002+A3:2009

Identne EN 1846-2:2001+A3:2009

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

This part of this European Standard specifies the minimum requirements for safety and performance of firefighting and rescue service vehicles as designated in EN 1846-1:1998. NOTE 1 Categories and mass classes of these vehicles are given in EN 1846-1:1998.

Firefighting and rescue service vehicles normally use a commercial chassis-cab or vehicle. A special chassis may be used for specialised vehicles to meet particular requirements. NOTE 2 Both chassis and vehicle are considered to be standard commercially available items when the manufacturer proposes them for sale in all their standard or special versions, on the basis of catalogues distributed via its commercial network, including chassis and vehicles that are manufactured solely for fire service use.

Keel en

Asendab EVS-EN 1846-2:2002; EVS-EN 1846-2:2002/A1:2005; EVS-EN 1846-2:2002/A2:2006; EVS-EN 1846-2:2002/AC:2007; EVS-EN 1846-2:2002/A1:2005/AC:2007

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

Identne EN 1846-2:2001/AC:2007

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

Keel en

Asendatud EVS-EN 1846-2:2002+A3:2009

EVS-EN 13158:2000

Identne EN 13158:2000

Kaitserõivad. Kaitsejakid, keha- ja õlakaitset ratsutajatele. Nõuded ja katsemeetodid

This Standard specifies the coverage to be provided by protective jackets, body and shoulder protectors to be worn by children, youths and adults of either sex while riding horses. The Standard contains the requirements for the performance of the protectors under impact and details of the test methods. Requirements for sizing, marking and the provision of information are given.

Keel en

Asendatud EVS-EN 13158:2009

EVS-EN 14043:2005

Identne EN 14043:2005+AC:2006

Kõrghoonetes kasutatavad tuletõrjeteenistuste teleskooppäästeseadmed. Kombineeritud liikumisega pöördredelid. Ohutus- ja toimivusnõuded ja katsemeetodid

This European Standard specifies the safety and performance requirements and test methods applicable to turntable ladders with combined movements of classes 18, 24 and 30, as defined in 3.13, under the control of firefighters and intended for fire fighting and rescuing people.

Keel en

Asendatud EVS-EN 14043:2005+A1:2009

EVS-EN 14044:2005/AC:2007

Identne EN 14044:2005/AC:2007

Kõrghoonetes kasutatavad tuletõrjeteenistuste teleskooppäästeseadmed. Järjestikuse liikumisega pöördredelid. Ohutus- ja toimivusnõuded ja katsemeetodid

Keel en

Asendatud EVS-EN 14044:2005/AC:2007

EVS-EN 14044:2005

Identne EN 14044:2005

Kõrghoonetes kasutatavad tuletõrjeteenistuste teleskooppäästeseadmed. Järjestikuse liikumisega pöördredelid. Ohutus- ja toimivusnõuded ja katsemeetodid

This European Standard specifies the safety and performance requirements and test methods applicable to turntable ladders with sequential movements of classes 18, 24 and 30, as defined in 3.13, under the control of firefighters and intended for fire fighting and rescuing people.

Keel en

Asendatud EVS-EN 14044:2005+A1:2009

EVS-EN 50357:2002

Identne EN 50357:2001

Evaluation of human exposure to electromagnetic fields from devices used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications

This European Standard applies to devices used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications. The objective of the Standard is to specify, for such equipment, the methods for demonstration of compliance with basic restrictions or reference levels related to human exposure to electromagnetic fields.

Keel en

Asendatud EVS-EN 62369-1:2009

EVS-EN ISO 8178-6:2001

Identne EN ISO 8178-6:2000

ja identne ISO 8178-6:2000

Reciprocating internal combustion engines - Exhaust emission measurement - Part 6: Report of measuring results and test

This part of EN ISO 8178 specifies as a standard data format for reporting the measurement results of exhaust emissions from RIC engines for mobile, transportable and stationary use, excluding engines for motor vehicles primarily designed for road use.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

prEN 54-12

Identne prEN 54-12:2009

Tähtaeg 29.06.2009

Automaatne tulekahjusignalisatsioonisüsteem. Osa 12: Suitsuandurid. Optilist valguskiirt kasutavad joonandurid

This European Standard specifies requirements, test methods and performance criteria for line smoke detectors utilising the attenuation and/or changes in attenuation of an optical beam, for use in fire detection systems installed in buildings. This European Standard does not cover: a) line smoke detectors designed to operate with separations between opposed components of less than 1 m; b) line smoke detectors whose optical path length is defined or adjusted by an integral mechanical connection; c) line smoke detectors with special characteristics, which cannot be assessed by the test methods in this European Standard.

Keel en

Asendab EVS-EN 54-12:2003

EN 13204:2005/prA1

Identne EN 13204:2004/prA1:2009

Tähtaeg 29.06.2009

Kaheotstarbelised hüdraulilised päästevahendid tuletõrjutele ja päästemeeskondadele. Ohutus- ja toimimisenõuded

This European Standard deals with the technical requirements to minimise the risks of hazards listed in Clause 4 which can arise during the operation and/or maintenance of double acting hydraulic rescue tool systems, when carried out as intended by the manufacturer or his authorised representative. All the safety requirements of this standard apply to double acting hydraulic rescue tools manufactured after the date of publication.

Keel en

FprEN 60695-1-11

Identne FprEN 60695-1-11:2009

ja identne IEC 60695-1-11:200X

Tähtaeg 29.06.2009

Fire hazard testing - Part 11: Guidance for assessing the fire hazard of electrotechnical products - Fire hazard assessment

This part of IEC 60695 provides guidance for assessing the fire hazard of electrotechnical products and for the resulting development of fire hazard testing as related directly to harm to people, animals or property. For the purpose of this standard, product means complete electrotechnical equipments, their parts (including components) and electrical insulating materials. This international standard outlines a hazard-based process to identify appropriate fire test methods and performance criteria for products. The principles of the methodology are to identify fire events (fire scenarios) which will be associated with the product, to establish how the measurable fire properties of the product are related to the possible occurrence and outcome of those events, and to establish test methods and performance requirements for those properties which will either result in a tolerable fire outcome or eliminate the event altogether.

Keel en

Asendab EVS-EN 60695-1-1:2001

FprEN 60695-2-12

Identne FprEN 60695-2-12:2009
ja identne IEC 60695-2-12:200X
Tähtaeg 29.06.2009

Fire hazard testing - Part 2-12: Glowing/hot-wire based test methods - Glow-wire flammability index (GWFI) test method for materials

This part of IEC 60695 specifies the details of the glow-wire test to be applied to test specimens of solid electrical insulating materials or other solid materials for flammability testing to determine the glow-wire flammability index (GWFI). GWFI is the highest temperature, determined during this standardized procedure, at which the tested material a) does not ignite or, if it does, extinguishes within 30 s after removal of the glow-wire and is not totally consumed, and b) dripping material, if it occurs, does not ignite wrapping tissue. This test method is a materials test carried out on a series of standard test specimens. The data obtained, along with data from the glow-wire ignition temperature (GWIT) test method for materials, IEC 60695-2-13, can then be used in a preselection process in accordance with IEC 60695-1-30 to judge the ability of materials to meet the requirements of IEC 60695-2-11.

Keel en

Asendab EVS-EN 60695-2-12:2002

FprEN 60695-2-13

Identne FprEN 60695-2-13:2009
ja identne IEC 60695-2-13:200X
Tähtaeg 29.06.2009

Fire hazard testing - Part 2-13: Glowing/hot-wire based test methods - Glow-wire ignition temperature (GWIT) test method for materials

This part of IEC 60695 specifies the details of the glow-wire test to be applied to test specimens of solid electrical insulating materials or other solid materials for ignitability testing to determine the glow-wire ignition temperature (GWIT). The GWIT is the temperature which is 25 K (or 30 K) higher than the maximum test temperature, determined during this standardized procedure, at which the tested material a) does not ignite, or b) if sustained and continuous flaming combustion does not occur for a time longer than 5 s for any single flame event and the specimen is not totally consumed. This test is a materials test carried out on a series of standard test specimens. The data obtained, along with data from the glow-wire flammability index (GWFI) test method for materials, IEC 60695-2-12, can then be used in a preselection process in accordance with IEC 60695-1-30 to judge the ability of materials to meet the requirements of IEC 60695-2-11.

Keel en

Asendab EVS-EN 60695-2-13:2002

ISO 9978

ja identne ISO 9978:1992
Tähtaeg 30.05.2009

Kiirguskaitse – Kinnised kiirgusallikad – Lekkekatsemeetodid

Käesolevas rahvusvahelises standardis spetsifitseeritakse kinniste kiirgusallikate jaoks erinevad katsemeetodid. Antakse laialdane ülevaate protseduuridest, kus kasutatakse nii radioaktiivseid kui ka mitteradioaktiivseid vahendeid.

Käesolev rahvusvaheline standard on kohaldatav järgnevatele kontrolliviisidele: – kvaliteedikontroll, et võimaldada vajalike katsete valideerimist kinnise kiirgusallika prototüübi liigitamisel vastavalt ISO 2919 nõuetele, – kinniste kiirgusallikate tootmiskontroll; – kinniste kiirgusallikate regulaarne ülevaatus nende talitlusea jooksul. Käesoleva rahvusvahelise standardi lisa A annab kasutajale soovitusi, et leida kõige sobivama(d) meetodi(d) vastavalt kontrolliviisile ja kiirgusallika tüübile. Tuleb arvestada, et võib esineda olukordi, kus on vaja kasutada katseid, mida käesolevas rahvusvahelises standardis ei ole kirjeldatud. Tuleb rõhutada, et mis puudutab kinniste kiirgusallikate tootmist, kasutamist, säilitamist ja transporti, siis käesoleva rahvusvahelise standardi järgimine ei asenda IAEA ja riiklike õigusaktide nõuete järgimist.

Keel en

prEN 1948-4

Identne prEN 1948-4:2009
Tähtaeg 29.06.2009

Stationary source emissions - Determination of the mass concentration of PCDDs/PCDFs and dioxin-like PCBs - Part 4: Sampling and analysis of dioxin-like PCBs

This document specifies sampling from stationary sources, extraction, clean-up, identification and quantification procedures of the dioxin-like PCBs. The procedure described lays down requirements to measure the PCB congeners given in Annex A (see Table A.1). It is applicable to the twelve non- and mono-ortho PCB designated by the WHO. It is optimised to measure PCB concentrations of about 0,01 ng WHO-TEQPCB/m³. In addition to the 12 non- and mono-ortho-PCB the present document is also applicable to measure further PCB-congeners like the "marker PCB" 28, 52, 101, 138, 153, 180 (see Annex F). This document specifies a framework of quality control requirements which have to be fulfilled by any PCB sampling, extraction, clean-up, identification and quantification methods to be applied. As a result of their similar chemical behaviour PCBs, as shown in the validation campaign, can be sampled from stationary sources together with the PCDDs/PCDFs. The complete sampling procedure is described in

Keel en

Asendab CEN/TS 1948-4:2007

prEN 15269-2

Identne prEN 15269-2:2009

Tähtaeg 29.06.2009

Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware - Part 2: Fire resistance of hinged and pivoted steel doorsets

This Part of prEN 15269, which should be read in conjunction with prEN 15269-1, covers single and double leaf, hinged and pivoted, steel based doorsets. This document prescribes the methodology for extending the application of test results obtained from test(s) conducted in accordance with EN 1634-1. Subject to the completion of the appropriate test or tests selected from those identified in Clause 4 the extended application may cover all or some of the following non-exhaustive list: - Integrity only (E), radiation (EW) or insulated (EI1 or EI2) classifications; - door leaf; - wall/ceiling fixed elements (frame/suspension system; - glazing for door leaf; - items of building hardware; - decorative finishes; - intumescent, smoke, draught or acoustic seals; - alternative supporting construction(s).

Keel en

prEN 15933

Identne prEN 15933:2009

Tähtaeg 29.06.2009

Soil, sludge, and treated biowaste - Determination of pH

This European Standard describes an instrumental method for the routine determination of pH using a glass electrode in a 1:5 (V/V) suspension of sludge, treated biowaste or soil in either water (pH-H₂O), or a 0,01 M calcium chloride solution (pH-CaCl₂). The standard is applicable to both fresh and air-dry soil samples (ISO 10390 as a basis), sludge (EN 12176 as a basis) or treated biowaste (EN 13037 as a basis). Soil improvers and growing media are not included.

Keel en

prEN 15934

Identne prEN 15934:2009

Tähtaeg 29.06.2009

Soil, sludge, waste, and treated biowaste - Determination of dry matter - Gravimetric method

This European Standard specifies a method for the determination of dry matter on a mass basis of samples of: - sludges, including liquid, paste-like or solid sludges, - all types of air-dried soil samples and field moist soil samples, - sediment - waste and - treated biowaste.

Keel en

prEN 15935

Identne prEN 15935:2009

Tähtaeg 29.06.2009

Soil, sludge, waste, and treated biowaste - Determination of loss on ignition

This European Standard specifies a method for the determination of the loss on ignition of dry mass at 550 °C after the dry matter has been determined in accordance with the method of WI CSS99023. This method applies to the determination of loss on ignition of: - sludges, including liquid, paste-like or solid sludges; - all types of soil samples; - sediments; - waste and - treated biowaste.

Keel en

prEN 15936

Identne prEN 15936:2009

Tähtaeg 29.06.2009

Soil, sludge, waste, and treated biowaste - Determination of total organic carbon (TOC) by dry combustion

This European Standard specifies two methods for the determination of total organic carbon (TOC) in sludge, sediment, waste, biowaste and soil samples containing more than 1 g carbon per kg of dry matter (0,1%). Coal and charcoal (elemental carbon) and inorganic carbon compounds except carbonates will be determined as organic carbon when present in the sample.

Keel en

prEN 15937

Identne prEN 15937:2009

Tähtaeg 29.06.2009

Soil, sludge, and treated biowaste - Determination of specific electrical conductivity

This European Standard (CSS99037) describes an instrumental method for routine determinations of specific electrical conductivity in aqueous extracts of sludge (fresh), treated biowaste (fresh) or soil (fresh or air-dry). Please note that soil improvers and growing media are not included in this standard. The EC determination is carried out to obtain an indication of the content of water-soluble electrolytes in the materials mentioned. The standard is based on ISO 11265. There is presently no international standard for sludge or treated biowaste. For practical reasons, for instance if there is a need to make strict comparisons with previous measurements, soils should generally be air-dried. Air-drying can be used for all soils, except for those containing sulphidic minerals or volatile acids. In both cases fresh soil should be used to avoid either sulphide oxidation resulting in the formation of sulphuric acid, or volatilisation of low-molecular organic acids. Regarding sludge and treated biowaste, fresh samples are recommended. In these materials air-drying may introduce artefacts due to a stimulation of oxidation processes and should therefore be avoided.

Keel en

prEN 62244

Identne prEN 62244:200X

ja identne IEC 62244:2006

Tähtaeg 29.06.2009

Radiation protection instrumentation - Installed radiation monitors for the detection of radioactive and special nuclear materials at national borders

The scope of this International Standard is to define the performance of installed monitors used for the detection of gamma and neutron radiation emitters contained in objects/ containers or vehicles, general characteristics, mechanical characteristics, environmental requirements, test procedures and documentation. This standard is applicable to installed monitors designed to detect special nuclear and other radioactive materials by their emitted gamma and/or neutron radiation. They are used to monitor vehicles, cargo containers, people, or packages and are typically located at national and international borders, but may be used at any location where there is a need for this type of monitoring. This standard does not apply to hand-held monitors.

Keel en

prEN 62327

Identne prEN 62327:200X

ja identne IEC 62327:2006

Tähtaeg 29.06.2009

Radiation protection instrumentation - Hand-held instruments for the detection and identification of radionuclides and for the indication of ambient dose equivalent rate from photon radiation

This International Standard applies to hand-held instruments used for the detection and identification of radionuclides, the detection of neutron radiation and the indication of the ambient dose equivalent rate from photon radiation. This standard does not apply to the performance of radiation protection instrumentation which is covered in IEC 60846. It is recognized that front line law-enforcement officers, who are generally not radiation experts, may use instruments covered by this standard. This requires user-friendly instrument design and operation with a high degree of inherent safety. This standard specifies requirements for hand-held photon spectrometers, in particular for the detectors, the electronic multi-channel analyzers, the identification software, the radionuclide libraries, and the instrument display. It further specifies general characteristics, general test procedures, radiation characteristics, as well as electrical, mechanical, safety, and environmental characteristics.

Keel en

prEN ISO 5667-13

Identne prEN ISO 5667-13:2009

ja identne ISO/DIS 5667-13:2009

Tähtaeg 29.06.2009

Vee kvaliteet. Proovivõtt. Osa 13: Setteproovide võtmise juhend reovee ja vee töötlemise teostamisel

This part of ISO 5667 gives guidance on the sampling of sludges from wastewater treatment works, water treatment works and industrial processes. It is applicable to all types of sludge arising from these works and also to sludges of similar characteristics, for example septic tank sludges. Guidance is also given on the design of sampling programmes and techniques for the collection of samples. This part of ISO 5667 is applicable to sampling motivated by different objectives, some of which are to: - provide data for the operation of activated sludge plants; - provide data for the operation of sludge treatment facilities; - determine the concentration of pollutants in wastewater sludges for disposal to landfill; - test whether prescribed substance limits are contravened when sludge is used in agriculture; - provide information on process control in potable and wastewater treatment, including: 1) addition or withdrawal of solids; 2) addition or withdrawal of liquid; - provide information for legally enforceable aspects of the disposal of sewage and waterworks' sludges; - facilitate special investigations into the performance of new equipment and processes; - optimize costs; for example for the transport of sludges for treatment and/or disposal.

Keel en

Asendab EVS-EN ISO 5667-13:2007

prEN ISO 5667-23

Identne prEN ISO 5667-23:2009

ja identne ISO/DIS 5667-23:2009

Tähtaeg 29.06.2009

Water quality - Sampling - Part 23: Determination of priority pollutants in surface water using passive sampling

This international standard describes procedures for the determination of time-weighted average concentrations of the free dissolved fraction of pollutants in surface water by passive sampling, followed by analysis.

Keel en

prEN ISO 7887

Identne prEN ISO 7887:2009

ja identne ISO/DIS 7887:2009

Tähtaeg 29.06.2009

Vee kvaliteet. Värvuse analüüs ja määramine

This International Standard specifies four methods for the examination of colour. The previously most employed for assessment of water colour in water treatment plants, limnological surveys etc. was based on the hexachloroplatinate scale [1]. The procedures in Clauses 6 and 7 are harmonised with this traditional procedure [2] and [4].

Keel en

Asendab EVS-EN ISO 7887:1999

prEN ISO 20344

Identne prEN ISO 20344:2009

ja identne ISO/DIS 20344:2009

Tähtaeg 29.06.2009

Isikukaitsevahendid. Jalanõude katsemeetodid

This Standard specifies methods for testing footwear designed as personal protective equipment.

Keel en

Asendab EVS-EN ISO 20344:2004; EVS-EN ISO 20344:2004/A1:2007

prEN ISO 20345

Identne prEN ISO 20345:2009

ja identne ISO/DIS 20345:2009

Tähtaeg 29.06.2009

Kaitsejalanõud professionaalseks kasutamiseks. Spetsifikatsioonid

This European Standard specifies basic and additional (optional) requirements for safety footwear.

Keel en

Asendab EVS-EN ISO 20345:2004; EVS-EN ISO 20345:2004/A1:2007; EVS-EN ISO 20345:2004/AC:2007

prEN ISO 20346

Identne prEN ISO 20346:2009

ja identne ISO/DIS 20346:2009

Tähtaeg 29.06.2009

Isikukaitsevahendid. Kaitsejalatsid

This European Standard specifies basic and additional (optional) requirements for protective footwear.

Keel en

Asendab EVS-EN ISO 20346:2004; EVS-EN ISO 20346:2004/A1:2007; EVS-EN ISO 20346:2004/AC:2007

prEN ISO 20347

Identne prEN ISO 20347:2009
ja identne ISO/DIS 20347:2009
Tähtaeg 29.06.2009

Isikukaitsevahendid. Tööjalatsid

This European Standard specifies basic and additional (optional) requirements for occupational footwear.
Keel en

Asendab EVS-EN ISO 20347:2004; EVS-EN ISO 20347:2004/A1:2007; EVS-EN ISO 20347:2004/AC:2007

prEN ISO 20349

Identne prEN ISO 20349:2009
ja identne ISO/DIS 20349:2009
Tähtaeg 29.06.2009

Personal protective equipment - Footwear protecting against molten metal splash - Requirements and test methods

This European Standard specifies requirements and test methods for footwear for use by workers exposed to molten metal hazards such as in foundries or during welding.
Keel en

prEN ISO 24500

Identne prEN ISO 24500:2009
ja identne ISO/DIS 24500:2009
Tähtaeg 29.06.2009

Ergonomics - Accessible design - Auditory signals for consumer products

This International Standard specifies the auditory signals used as a means to communicate information as feedback of operation or the condition of products when a user with or without visual or auditory impairment uses a consumer product. Young people with hearing impairments are not in the scope because their hearing characteristics differ from person to person and, therefore, it is difficult to specify auditory signals that are generally usable for those people. It shall be applied to auditory signals of a fixed frequency used in general applications (also called beep sounds) and shall not be applied to variable frequency sounds or melodic sounds. It does not specify fire alarm sounds, gas leak alarm sounds, or crime prevention alarm sounds, which are determined by other laws and regulations, nor does it specify electronic chimes, voice guides, and other sounds particular to communication instruments such as telephones. It does not specify auditory danger signals for public or work areas which are covered in ISO 7731, ISO 8201, and ISO 11429.

Keel en

**17 METROLOOGIA JA MÕÕTMINE.
FÜSIKALISED NÄHTUSED****UUED STANDARDID JA PUBLIKATSIOONID****CLC/TR 50484:2009**

Hind 135,00
Identne CLC/TR 50484:2009

Recommendations for shielded enclosures

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

Keel en

EVS-EN 61557-11:2009

Hind 178,00
Identne EN 61557-11:2009
ja identne IEC 61557-11:2009

Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 11: Effectiveness of residual current monitors (RCMs) type A and type B in TT, TN and IT systems

This part of IEC 61557 specifies the requirements for testing equipment applied to the testing of the effectiveness of residual current monitors (RCMs) of type A and type B, which are already installed in distribution systems. This test equipment can be used in any kind of network like a TN, TT or IT system. The test equipment may also be used for testing directionally discriminating RCMs in IT-Systems.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 1915-3:2004**

Identne EN 1915-3:2004

Õhusõidukite maapealsed teenindusseadmed. Üldnõuded. Osa 3: Vibratsiooni mõõtmise meetodid ja vähendamine

This Part of EN 1915 deals with vibration reduction as a safety requirement. It also specifies the methods for determining the vibration emission transmitted to the whole body of drivers standing and/or seated on freely moveable GSE, when driving for purposes of type evaluation, declaration and methods of verifying vibration emission.

Keel en

Asendatud EVS-EN 1915-3:2004+A1:2009

KAVANDITE ARVAMUSKÜSITLUS

FprEN 60060-2

Identne FprEN 60060-2:2009
ja identne IEC 60060-2:200X
Tähtaeg 29.06.2009

High-voltage test techniques - Part 2: Measuring systems - "Proposed horizontal standard"

This International Standard is applicable to complete measuring systems, and to their components, used for the measurement of high voltages during laboratory and factory tests with direct voltage, alternating voltage, lightning and switching impulse voltages as specified in IEC 60060-1. For measurements during on-site tests see IEC 60060-3. The limits on measurement uncertainties stated in this International Standard apply to test levels stated in IEC 60071-1:2006. The principles of this International Standard apply also to higher levels but the uncertainty may be greater.

Keel en

Asendab EVS-EN 60060-2:2003; EVS-EN 60060-2:2003/A11:2008

FprEN 60118-13

Identne FprEN 60118-13:2009
ja identne IEC 60118-13:200X
Tähtaeg 29.06.2009

Kuuldeaparaadid. Osa 13: Elektromagnetiline ühilduvus (EMC)

This part of IEC 60118 in principle covers all relevant EMC phenomena for hearing aids. EMC phenomena, such as RF emission and electrostatic discharge, are not currently known to be a significant problem in connection with hearing aids and are therefore not dealt with. Based on new knowledge, they could be considered in connection with future revisions or extensions of this standard. Hearing aid immunity to high frequency electromagnetic fields originating from digital wireless devices is currently identified as the only relevant EMC phenomenon regarding hearing aids. IEC 61000-4-3 is the basis for relevant EMC tests to be conducted on hearing aids. Measurement methods and acceptance levels are described in this standard.

Keel en

Asendab EVS-EN 60118-13:2005

FprEN ISO 11546-1

Identne FprEN ISO 11546-1:2009
ja identne ISO 11546-1:1995
Tähtaeg 29.06.2009

Akustika. Kestade heliisolatsioonivõime määramine. Osa 1: Mõõtmine laboritingimustes (deklareerimiseks)

Standard esitab laborimeetodid väikeseadmete kestade heliisolatsioonivõime (sissekanduva sumbuuse) määramiseks. Standard kehtib üksnes kogu kesta kohta, mitte aga kesta eraldi koostepaneelide kohta.

Keel en

Asendab EVS-EN ISO 11546-1:1999

FprEN ISO 11546-2

Identne FprEN ISO 11546-2:2009
ja identne ISO 11546-2:1995
Tähtaeg 29.06.2009

Akustika. Kestade heliisolatsioonivõime määramine. Osa 2: Mõõtmised in situ (vastuvõtmiseks ja kontrollimiseks)

Standard esitab in situ-meetodid seadmekestade heliisolatsioonivõime (sissekanduva sumbuuse) määramiseks. Standard kehtib üksnes kogu kesta kohta, mitte aga kesta eraldi koostepaneelide kohta.

Keel en

Asendab EVS-EN ISO 11546-2:1999

FprEN ISO 11688-1

Identne FprEN ISO 11688-1:2009
ja identne ISO/TR 11688-1:1995
Tähtaeg 29.06.2009

Akustika. Soovituslikud juhised müravabade mehhanismide ja seadmete konstrueerimiseks. Osa 1: Kavandamine

See rahvusvaheline tehniline aruanne on abiks mehhanismide ja seadmete mürataseme alandamise põhimõistetest arusaamisel.

Keel en

Asendab EVS-EN ISO 11688-1:1999

FprEN ISO 11957

Identne FprEN ISO 11957:2009
ja identne ISO 11957:1996
Tähtaeg 29.06.2009

Akustika. Kabiinide heliisolatsioonivõime määramine. Labori- ja in situ mõõtmised

Standard esitab laborimeetodi ja in situ-meetodid helikaitsekabiinide heliisolatsioonivõime määramiseks.

Keel en

Asendab EVS-EN ISO 11957:1999

FprEN ISO 12001

Identne FprEN ISO 12001:2009
ja identne ISO 12001:1996
Tähtaeg 29.06.2009

Akustika. Mehhanismide ja seadmete müra. Juhised müra katse-eeskirja väljatöötamiseks ja esitamiseks

Standard määrab kindlaks müra katse-eeskirja tehnilised nõuded konkreetse mehhanismi- või seadmepeere korral. Standardit rakendatakse statsionaarsete mehhanismide ja seadmete korral, kaasa arvatud ka need, mis on ohtlikud oma liikuvuse või koormuse tõstmise tõttu.

Keel en

Asendab EVS-EN ISO 12001:1999

19 KATSETAMINE

UUED STANDARDID JA PUBLIKATSIOONID

CEN ISO/TS 21432:2005/AC:2009

Hind 0,00

Identne CEN ISO/TS 21432:2005/AC:2009
ja identne CEN ISO/TS 21432:2005/Cor.1:2008

Non-destructive testing - Standards test method for determining residual stresses by neutron diffraction

Keel en

CEN ISO/TS 21432:2005

Hind 229,00

Identne CEN ISO/TS 21432:2005

ja identne ISO/TS 21432:2005

Non-destructive testing - Standards test method for determining residual stresses by neutron diffraction

This Technical Specification gives the standard test method for determining residual stresses in polycrystalline materials by neutron diffraction. It is applicable to homogeneous and inhomogeneous materials and to test pieces containing distinct phases. The principles of the neutron diffraction technique are outlined. Advice is provided on the diffracting lattice planes on which measurements should be made for different categories of materials. Guidance is provided about the directions in which the measurements should be obtained and of the volume of material, which should be examined, in relation to material grain size and the stress state envisaged, when making measurements.

Keel en

EVS-EN ISO 7500-1:2004/AC:2009

Hind 0,00

Identne EN ISO 7500-1:2004/AC:2009

ja identne ISO 7500-1:2004/Cor.1:2008

Metallic materials - Verification of static uniaxial testing machines - Part 1: Tension/compression testing machines - Verification and calibration of the force-measuring system

Keel en

KAVANDITE ARVAMUSKÜSITLUS

FprEN 60060-2

Identne FprEN 60060-2:2009

ja identne IEC 60060-2:200X

Tähtaeg 29.06.2009

High-voltage test techniques - Part 2: Measuring systems - "Proposed horizontal standard"

This International Standard is applicable to complete measuring systems, and to their components, used for the measurement of high voltages during laboratory and factory tests with direct voltage, alternating voltage, lightning and switching impulse voltages as specified in IEC 60060-1. For measurements during on-site tests see IEC 60060-3. The limits on measurement uncertainties stated in this International Standard apply to test levels stated in IEC 60071-1:2006. The principles of this International Standard apply also to higher levels but the uncertainty may be greater.

Keel en

Asendab EVS-EN 60060-2:2003; EVS-EN 60060-2:2003/A11:2008

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 14399-10:2009

Hind 166,00

Identne EN 14399-10:2009

High-strength structural bolting assemblies for preloading - Part 10: System HRC - Bolt and nut assemblies with calibrated preload

This part of this European Standard specifies, together with EN 14399-1, the requirements for assemblies of high-strength structural bolts and nuts of system HRC suitable for preloaded joints, with hexagon head (large widths across flats) or cup head, thread sizes M12 to M30 and property class 10.9/10. Bolt and nut assemblies conforming to this part of this European Standard have been designed to allow preloading of at least 0,7 fub × As1 according to EN 1993-1-8:2005 (Eurocode 3) and to obtain ductility predominantly by plastic elongation of the bolt. For this purpose the components have the following characteristics: - nut according to EN 14399-3, or - nut with height m = 1 d, - thread length of the bolt according to ISO 888. Bolt and nut assemblies conforming to this part of this European Standard include washer(s) according to EN 14399-6 or to EN 14399-5 (under the nut only).

Keel en

EVS-EN 14399-9:2009

Hind 166,00

Identne EN 14399-9:2009

High-strength structural bolting assemblies for preloading - Part 9: System HR or HV - Direct tension indicators for bolt and nut assemblies

This document specifies, together with EN 14399-1, the requirements for assemblies of high-strength structural bolts and nuts, with large width across flats, of system HR or HV, including the requirements for the general dimensions, tolerances, materials and performance for two grades, H8 and H10, of compressible washer-type direct tension indicators, nut face washers and bolt face washers suitable for preloaded joints. The assemblies include the nominal thread sizes M12 up to and including M36 and property classes 8.8/8, 8.8/10 and 10.9/10. Bolt and nut assemblies to this document have been designed to allow preloading of at least 0,7 fub × As1 according to EN 1993-1-8:2005 (Eurocode 3) and to obtain ductility predominantly by plastic elongation of the bolt for system HR according to EN 14399-3 or by plastic deformation of the engaged threads for system HV according to EN 14399-4; also countersunk and fit bolts according to EN 14399-7 and -8 respectively. Bolt and nut assemblies conforming to this document may include washer(s) according to EN 14399-6 or to EN 14399-5 (under the nut only).

Keel en

EVS-EN ISO 10684:2004/AC:2009

Hind 0,00

Identne EN ISO 10684:2004/AC:2009

ja identne ISO 10684:2004/Cor.1:2008

Fasteners - Hot dip galvanized coatings

Keel en

KAVANDITE ARVAMUSKÜSITLUS

FprEN ISO 11688-1

Identne FprEN ISO 11688-1:2009

ja identne ISO/TR 11688-1:1995

Tähtaeg 29.06.2009

Akustika. Soovituslikud juhised müravabade mehhanismide ja seadmete konstrueerimiseks. Osa 1: Kavandamine

See rahvusvaheline tehniline aruanne on abiks mehhanismide ja seadmete mürataseme alandamise põhimõistetest arusaamisel.

Keel en

Asendab EVS-EN ISO 11688-1:1999

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TR 13930:2009

Hind 188,00

Identne CEN/TR 13930:2009

Rotodynamic pumps - Design of pump intakes - Recommendations for installation of pumps

1.1 This technical Report contains recommendations for the design of pump intakes and the pumps. As far as possible, these recommendations should be adhered to in order to obtain correct operation of these recommendations are applicable regardless of the flow rate of the plant: - plant which works with clear water (or relatively unclouded) and relatively non-aerated water or any having physical and chemical properties which are similar to those of water; NOTE This document nevertheless contains several general recommendations for operation with cloudy (or water. - pumping plant which has its own floor. 1.2 This document deals with various intake configurations: - Clause 3 contains recommendations which apply to intakes with vertical suction inlet; - Clause 4 contains recommendations applicable to intakes with top suction inlet; - Clause 5 contains recommendations applicable to intakes with floor suction inlet; - Clause 6 contains recommendations applicable to intakes with side-wall suction inlet.

Keel en

CEN/TR 13931:2009

Hind 188,00

Identne CEN/TR 13931:2009

Rotodynamic pumps - Forces and moments on flanges - Centrifugal, mixed flow and axial flow horizontal and vertical shafts pumps

This CEN Technical Report provides information for the calculation of maximum permissible forces and moments allowed on the flanges of various types of horizontal and vertical shaft rotodynamic pumps, caused by the reaction to pipework that is rigidly connected to the installation. This document does not take into account the effect of any elastic or deformable linkages, such as bellows, elastic joints, self butting sliding joints, etc. This CEN Technical Report is not applicable to multistage monobloc pumps, whose outlets are remote from the installation plane, or to horizontal shaft pumps mounted vertically for installation reasons, such as, fixing to a vertical wall.

Keel en

CEN/TR 13932:2009

Hind 178,00

Identne CEN/TR 13932:2009

Rotodynamic pumps - Recommendations for fitting of inlet and outlet on piping

This CEN Technical Report lays down stipulations relating to installation conditions for sudden change in section or direction (elbows, tee fittings, junctions) and the most widely used accessories at the inlet and outlet of pumps (valves and fittings) in order to minimise the effect of disturbances in the flow of liquid thereby created upstream and downstream from the pump and on the operation of the pump. NOTE 1 The recommendations given in this document permit to solve a majority of the most current cases. These recommendations relate to three aspects of installation: - the fitting of the pump to pipework by convergent and divergent pipes; - in the case of elbows, tees and branching, their direction with respect to the axis of the pump; - the minimum clearances to be adhered to between a disturbing (elbow, valve, etc.) and the mounting flange of the pump.

Keel en

EVS-EN 1119:2009

Hind 114,00

Identne EN 1119:2009

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

This European Standard specifies test methods for flexible non-thrust resistant socket-and-spigot joints with elastomeric sealing elements for buried and above ground glass-reinforced thermosetting plastics (GRP) pipeline applications. It covers methods of test for the leaktightness and resistance to damage of the joint only, when subject to specified combinations of longitudinal extension (draw), angular movement (angular deflection), compression (misalignment) perpendicular to the pipe axis and internal pressure. This European Standard is applicable to joints for either pressure or non-pressure applications.

Keel en

Asendab EVS-EN 1119:1999

EVS-EN 1447:2009

Hind 105,00

Identne EN 1447:2009

Plasttorustikusüsteemid. Klaasarmatuuriga termokõvenevast plastist torud. Pikaajalisele sisemisele survele vastupidavuse määramine

Käesolev standard esitab klaassarrusega termokõvenevate plasttorude pikaajalise käitumise kindlaksmääramise meetodi sisemise hüdrostaatilise rõhu all kindlaksmääratud temperatuuril vees või õhus.

Keel en

Asendab EVS-EN 1447:1999

EVS-EN 1591-1:2001+A1:2009

Hind 256,00

Identne EN 1591-1:2001+A1:2009

Äärikud ja nende ühendused . Tihendusnõõriga ümaräärikute ühenduste kavandamine . Osa 1: Arvutusmeetod KONSOLIDEERITUD TEKST

This European Standard defines a Calculation method for bolted, gasketed, circular flange joints. Its purpose is to ensure structural integrity and control of leaktightness. !The following equations use gasket parameters based on definitions and test methods specified in EN 13555."

Keel en

Asendab EVS-EN 1591-1:2001

EVS-EN 1852-1:2009

Hind 209,00

Identne EN 1852-1:2009

Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) - Part 1: Specifications for pipes, fittings and the system

This part of EN 1852 specifies the requirements for solid wall pipes, fittings and the system of polypropylene (PP) piping systems intended for use for: - non-pressure underground drainage and sewerage outside the building structure (application area code "U"), and - non-pressure underground drainage and sewerage for both buried in ground within the building structure (application area code "D") and outside the building structure. This is reflected in the marking of products by "U" and "UD". This standard covers PP materials without mineral modifiers. It also specifies the test parameters for the test methods referred to in this standard. This standard covers a range of nominal sizes, and pipe series and gives recommendations concerning colours.

Keel en

Asendab EVS-EN 1852-1:2001; EVS-EN 1852-1:2001/A1:2002

EVS-EN 10208-1:2009

Hind 229,00

Identne EN 10208-1:2009

Terastorud põlevainete torustikele. Tehnilised nõuded hangetele. Osa 1: Klassi A nõuetele vastavad torud

This European Standard specifies the technical delivery conditions for seamless and welded steel pipes for the on land transport of combustible fluids primarily in gas supply systems but excluding pipeline applications in the petroleum and natural gas industries. It includes less stringent quality and testing requirements than those in EN 10208-2.

Keel en

Asendab EVS-EN 10208-1:2001

EVS-EN 10208-2:2009

Hind 256,00

Identne EN 10208-2:2009

Terastorud põlevainete torustikele. Tehnilised nõuded hangetele. Osa 2: Klassi B nõuetele vastavad torud

This European Standard specifies the technical delivery conditions for seamless and welded steel pipes for the on land transport of combustible fluids primarily in gas supply systems but excluding pipeline applications in the petroleum and natural gas industries. It includes more stringent quality and testing requirements than those in EN 10208-1.

Keel en

Asendab EVS-EN 10208-2:2001

EVS-EN 14419:2009

Hind 188,00

Identne EN 14419:2009

District heating pipes - Preinsulated bonded pipe systems for directly buried hot water networks - Surveillance systems

This European Standard specifies basic functional requirements for surveillance systems for district heating pipe systems, specific requirements for measuring elements and their installation within preinsulated bonded pipes, valves and fittings, and the field assembly of these measuring elements in pipe joints. This standard specifies requirements for the manufacture of measuring elements, for the manufacture of preinsulated bonded pipe elements with measuring elements and for the assembly of the measuring elements in the field. All requirements and recommendations described in this standard are based on the experience gained with existing surveillance systems and their principal function, cf. Annex A. The specific requirements given are only valid for electrical wire based surveillance systems forming an integral part of the pipes, valves, fittings and joints.

Keel en

Asendab EVS-EN 14419:2004

EVS-EN ISO 8434-1:2007/AC:2009

Hind 0,00

Identne EN ISO 8434-1:2007/AC:2009

Metalltorude ühendused vedelikusurve all töötamiseks ja üldiseks kasutamiseks.Osa 1: 24° survearmatuur

Keel en

EVS-EN ISO 19879:2006/AC:2009

Hind 0,00

Identne EN ISO 19879:2005/AC:2009

ja identne ISO 19879:2005/Cor.1:2007

Metallic tube connections for fluid power and general use - Test methods for hydraulic fluid power connections

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

CEN/TR 12101-4:2006

Identne CEN/TR 12101-4:2006

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 requires that a detailed engineering design of the system exists but this standard 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

Asendatud CEN/TR 12101-4:2009

EVS-EN 1119:1999

Identne EN 1119:1996

Plasttorustikusüsteemid. Ühendused klaassarrusega termokõvenevast plastist torude ja liitmike jaoks. Painduvate ja vähendatud liitekohtadega ühenduste tihkuse ja kahjustustele vastupidavuse katsemeetodid

Käesolev standard määrab kindlaks testimismeetodi painduvate ja vähendatud liitepinnaga muhv- ja otsmuhvühenduste elastomeersete tihenduselementide jaoks. Elemendid on ette nähtud kasutamiseks maapinna peal ja maa sees olevates klaassarrusega termokõvenevast plastist torustikes. See hõlmab ühenduste tihkuse ja kahjustuste suhtes vastupidavuse testimise meetodid ainult juhul, kui need on allutatud kindlaksmääratud pikisuunalise laienemise (venimise), nurkliikumise (nurkpainde), vertikaalse kokkusurumise (suunavea) ning sisesurve kombinatsioonidele.

Keel en

Asendatud EVS-EN 1119:2009

EVS-EN 1401-1:1999

Identne EN 1401-1:1998

Plasttorustikusüsteemid maa sees oleva isevooleve dreenaži- ja kanalisatsioonitorustiku jaoks. Plastifitseerimata polüvinüülkloriid (PVC-U). Osa 1: Tehnilised nõuded torude, liitmike ja süsteemi suhtes

Euroopa standardi EN 1401 käesolev osa määrab kindlaks nõuded torudele, armatuurile ja plastifitseerimata polüvinüülkloriidist (PVC-U) torustikusüsteemidele. Standard kehtib väljaspool hoone struktuure (rakenduspiirkonna kood "U") maa sees paiknevate isevoolevate torude, liitmike ja torustikusüsteemide suhtes ning nende maa sees paiknevate torude, liitmike ja torustikusüsteemide suhtes, mis on hoone struktuuri sees (rakenduspiirkonna kood "D") ja sellest väljaspool. See on tootel märgistatud "U" ja "UD". Standard määrab kindlaks ka testimisparameetrid käesolevas standardis viidatud testimismeetodi jaoks. Standard hõlmab nimisuuruste vahemiku, torude ja liitmike seeriaste vahemiku ja jäikusklasside vahemiku ning annab soovitusi vastavate värvide kohta.

Keel en

Asendatud EVS-EN 1401-1:2009

EVS-EN 1447:1999

Identne EN 1447:1996

Plasttorustikusüsteemid. Klaasarmatuuriga termokõvenevast plastist torud. Pikaajalisele sisemisele survele vastupidavuse määramine

Käesolev standard esitab klaassarrusega termokõvenevate plastitorude pikaajalise käitumise kindlaksmääramise meetodi sisemise hüdrostaatilise rõhu all kindlaksmääratud temperatuuril vees või õhus.

Keel en

Asendatud EVS-EN 1447:2009

EVS-EN 1591-1:2001

Identne EN 1591-1:2001

Äärikud ja nende ühendused . Tihendusnõoriga ümaräärikute ühenduste kavandamine . Osa 1: Arvutusmeetod

This standard defines a Calculation method for bolted, gasketed, circular flange joints. Its purpose is to ensure structural integrity and control of leaktightness.

Keel en

Asendatud EVS-EN 1591-1:2001+A1:2009

EVS-EN 1852-1:2001/A1:2002

Identne EN 1852-1:1999/A1:2002

Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) - Part 1: Specifications for pipes, fittings and the system

The fourth paragraph is changed as follows, including a new note 0 (zero): This standard covers PP materials both with normal E-moduli and with higher E-moduli, designated as HM (higher modulus), and gives a range of nominal sizes, and pipe series and gives recommendations concerning colours

Keel en

Asendatud EVS-EN 1852-1:2009

EVS-EN 1852-1:2001

Identne EN 1852-1:1997

Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) - Part 1: Specifications for pipes, fittings and the system

This Part of EN 1852 specifies the requirements for pipes, fittings and the system of polypropylene (PP) piping systems in the field of - non-pressure underground drainage and sewerage outside the building structure (application area code "U") and for non-pressure underground drainage and sewerage for both buried in ground within the building structure (application area code "D") and outside the building structure. This is reflected in the marking of products by "U" and "UD".

Keel en

Asendatud EVS-EN 1852-1:2009

EVS-EN 10208-2:2001

Identne EN 10208-2:1996 + AC:1996

Terastorud põlevainete torustikele. Tehnilised nõuded hangetele. Osa 2: Klassi B nõuetele vastavad torud

This European Standard EN 10208-2 specifies the technical delivery conditions for unalloyed and alloyed (except stainless) seamless and welded steel pipes. It includes quality and testing requirements higher than those specified in EN 10208-1.

Keel en

Asendatud EVS-EN 10208-2:2009

EVS-EN 10208-1:2001

Identne EN 10208-1:1997

Terastorud põlevainete torustikele. Tehnilised nõuded hangetele. Osa 1: Klassi A nõuetele vastavad torud

The European Standard EN 10208-1 specifies the technical delivery conditions for unalloyed seamless and welded steel pipes. It includes quality and testing requirements lower than those specified in EN 10208-2 and applies for pipes which are normally used for the distribution of combustible fluids within the maximum allowable operating pressure given in the appropriate design code.

Keel en

Asendatud EVS-EN 10208-1:2009

EVS-EN 14419:2004

Identne EN 14419:2003

District heating pipes - Preinsulated bonded pipe systems for directly buried hot water networks - Surveillance systems

This European Standard specifies basic functional requirements for surveillance systems for district heating pipe systems, specific requirements for measuring elements and their installation within preinsulated bonded pipes, valves and fittings, and the field assembly of these measuring elements in pipe joints

Keel en

Asendatud EVS-EN 14419:2009

KAVANDITE ARVAMUSKÜSITLUS

EN 13480-3:2002/prA4

Identne EN 13480-3:2002/FprA4:2009

Tähtaeg 29.06.2009

Metallist tööstustorustik. Osa 3: Kavandamine ja arvutamine

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

Keel en

FprEN 60534-2-1

Identne FprEN 60534-2-1:2009

ja identne IEC 60534-2-1:200X

Tähtaeg 29.06.2009

Industrial-process control valves - Part 2-1: Flow capacity - Sizing equations for fluid flow under installed conditions

This part of IEC 60534 includes equations for predicting the flow of compressible and incompressible fluids through control valves. The equations for incompressible flow are based on standard hydrodynamic equations for Newtonian incompressible fluids. They are not intended for use when non-Newtonian fluids, fluid mixtures, slurries or liquid-solid conveyance systems are encountered. The equations for incompressible flow may be used with caution for non-vaporizing multi-component liquid mixtures. Refer to Clause 6 for additional information.

Keel en

Asendab EVS-EN 60534-2-1:2002

prEN 10344

Identne prEN 10344:2009

Tähtaeg 29.06.2009

Terastorude ühendamise surveotsikutega tempermalmist liitmikud

This standard specifies the requirements for the design, performance and testing of fittings made of malleable cast iron (see also clause 5 Materials) with compression ends for steel pipes. It applies to steel piping systems for different application fields, such as gas supply, distribution of water for general purposes and for human consumption, irrigation, fire fighting, aqueous liquids, compressed air and gaseous fuel systems. It also applies to oil piping systems, provided the elastomeric sealing material is compatible with the oil and the operating conditions. It contains requirements and tests relating to compression fittings which can be disconnected from smooth walled steel pipes or other cylindrical metal structural elements, which are applicable for dismantlable joints. The fittings can also incorporate other types of connection, such as threaded, flanged, compression ends for connection of polyethylene pipes, etc., and can also take on various structural shapes, such as, straight piece, elbow or T-piece, etc. Their range of sizes covers nominal sizes DN 6 to DN 100 (size 1/8 to 4).

Keel en

25 TOOTMISTEHNOLOGIA

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TR 15068:2009

Hind 80,00

Identne CEN/TR 15068:2009

Gas welding equipment - Measurement of noise emitted by blowpipe for welding, cutting, heating, brazing and soldering - Measurement method

This Technical Report specifies a test method for measuring the noise emitted by manual blowpipes according to EN ISO 5172 used for welding, cutting and allied processes. This test method is used only for comparative purposes between manual blowpipes when tested under nominal conditions under clause 5.

Keel en

EVS-EN 1011-1:2009

Hind 124,00

Identne EN 1011-1:2009

Keevitus. Soovitused metalsete materjalide keevitamiseks. Osa 1: Üldjuhised kaarkeevituseks

Käesolev Euroopa standard annab üldjuhised kõikide valmistusmeetodite (valamine, survetöötlemine, ekstrudeerimine, sepistamine) teel valmistatud metalsetest materjalidest toodete sulakeevituse kohta. Protsessid ja sooritustehnikad, millele on viidatud käesolevas EN 1011 osas, ei pruugi olla rakendatavad kõikide materjalide korral. Erimaterjale puudutav asjakohane lisainfo on esitatud standardi vastavasisulistest osades.

Keel en

Asendab EVS-EN 1011-1:1999; EVS-EN 1011-1:1999/A1:2002; EVS-EN 1011-1:1999/A2:2004

EVS-EN 15027:2007+A1:2009

Hind 219,00

Identne EN 15027:2007+A1:2009

Kantav seinasaag ja juhtmelõikur töökohal kasutamiseks. Ohutus KONSOLIDEERITUD TEKST

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

Keel en

Asendab EVS-EN 15027:2007

EVS-EN 15617:2009

Hind 124,00

Identne EN 15617:2009

Non-destructive testing of welds - Time-of-flight diffraction technique (TOFD) - Acceptance levels

This European standard specifies acceptance levels for the time-of-flight diffraction technique (TOFD) of full penetration welds in ferritic steels from 6 mm up to 300 mm thickness which correspond to the quality levels of EN ISO 5817. These acceptance levels are applicable to indications classified in accordance with CEN/TS 14751.

Keel en

EVS-EN 15646:2009

Hind 155,00

Identne EN 15646:2009

Electrodeposited coatings - Electroplated coatings of aluminium and aluminium alloys with supplementary treatment - Requirements and test methods

This European Standard specifies requirements for electrodeposited aluminium and aluminium alloy coatings on iron materials, plastic substrates, titanium materials, nickel materials and non-metallic substrate materials rendered conductive, such as plastics. The coatings serve either as corrosion or galvanic corrosion protection, as well as for other technical applications.

Keel en

EVS-EN 60974-8:2009

Hind 155,00

Identne EN 60974-8:2009

ja identne IEC 60974-8:2009

Kaarkeevitusseadmed. Osa 8: Seadmed gaasi juurdevoolu reguleerimiseks keevitustöödel ja plasma lõikamisüsteemid

This part of IEC 60974 specifies safety and performance requirements for gas consoles intended to be used with combustible gases or oxygen. These gas consoles are designed to supply gases for use in arc welding, plasma cutting, gouging and allied processes in non-explosive atmospheres. The gas console can be external or internal to the power source enclosure. In the latter case, this standard also applies to the power source.

Keel en

Asendab EVS-EN 60974-8:2004

EVS-EN 61557-9:2009

Hind 178,00

Identne EN 61557-9:2009

ja identne IEC 61557-9:2009

Elektriohutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 9: Isolatsioonirikke asukoha määramise seadmed IT-süsteemides

This part of IEC 61557 specifies the requirements for insulation fault location systems which localize insulation faults in any part of the system in unearthed IT a.c. systems and unearthed IT a.c. systems with galvanically connected d.c. circuits having nominal voltages up to 1 000 V a.c., as well as in unearthed IT d.c. systems with voltages up to 1 500 V d.c., independent of the measuring principle.

Keel en

Asendab EVS-EN 61557-9:2001

EVS-EN ISO 10684:2004/AC:2009

Hind 0,00

Identne EN ISO 10684:2004/AC:2009

ja identne ISO 10684:2004/Cor.1:2008

Fasteners - Hot dip galvanized coatings

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 1011-1:1999/A1:2002**

Identne EN 1011-1:1998/A1:2002

Keevitus. Soovitused metalsete materjalide keevitamiseks. Osa 1: Üldjuhised kaarkeevituseks

Käesolev Euroopa standard annab üldjuhised kõikide valmistusmeetodite (valamine, survetöötlemine, ekstrudeerimine, sepistamine) teel valmistatud metalsetest materjalidest toodete sulakeevituse kohta. Protsessid ja sooritustehnikad, millele on viidatud käesolevas EN 1011 osas, ei pruugi olla rakendatavad kõikide materjalide korral. Erimaterjale puudutav asjakohane lisainfo on esitatud standardi vastavasisulistest osades.

Keel en

Asendatud EVS-EN 1011-1:2009

EVS-EN 1011-1:1999

Identne EN 1011-1:1998

Keevitus. Soovitused metallsete materjalide keevitamiseks. Osa 1: Üldjuhised kaarkeevituseks

Käesolev Euroopa standard annab üldjuhised kõikide valmistusmeetodite (valamine, survetöötlemine, ekstrudeerimine, sepistamine) teel valmistatud metallsetest materjalidest toodete sulakeevituse kohta. Protsessid ja sooritustehnikad, millele on viidatud käesolevas EN 1011 osas, ei pruugi olla rakendatavad kõikide materjalide korral. Erimaterjale puudutav asjakohane lisainfo on esitatud standardi vastavasisulistes osades.

Keel en

Asendatud EVS-EN 1011-1:2009

EVS-EN 1011-1:1999/A2:2004

Identne EN 1011-1:1998/A2:2003

Keevitus. Soovitused metallsete materjalide keevitamiseks. Osa 1: Üldjuhised kaarkeevituseks

Käesolev Euroopa standard annab üldjuhised kõikide valmistusmeetodite (valamine, survetöötlemine, ekstrudeerimine, sepistamine) teel valmistatud metallsetest materjalidest toodete sulakeevituse kohta. Protsessid ja sooritustehnikad, millele on viidatud käesolevas EN 1011 osas, ei pruugi olla rakendatavad kõikide materjalide korral. Erimaterjale puudutav asjakohane lisainfo on esitatud standardi vastavasisulistes osades.

Keel en

Asendatud EVS-EN 1011-1:2009

EVS-EN 15027:2007

Identne EN 15027:2007

Kantav seinasaag ja juhtmelõikur töökohal kasutamiseks. Ohutus

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

Keel en

Asendatud EVS-EN 15027:2007+A1:2009

EVS-EN 60974-8:2004

Identne EN 60974-8:2004

ja identne IEC 60974-8:2004

Kaarkeevitusseadmed. Osa 8: Seadmed gaasi juurdevoolu reguleerimiseks keevitustöödel ja plasma lõikamisüsteemid

Specifies safety and performance requirements for gas consoles intended to be used with combustible gases or oxygen. These gas consoles are designed to supply gases for use in arc welding, plasma cutting, gouging and allied processes in non-explosive atmospheres. They may be external or internal to the power source enclosure.

Keel en

Asendatud EVS-EN 60974-8:2009

EVS-EN 61557-9:2001

Identne EN 61557-9:1999

ja identne IEC 61557-9:1999

Elektriohutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 9: Isolatsioonirikke asukoha määramise seadmed IT-süsteemides

This part of IEC 1557 specifies the requirements for insulation fault location systems which localize insulation faults in any part of the system in unearthed IT a.c. systems resp. unearthed IT a.c. with galvanically connected d.c. circuits having nominal voltages up to 1000 V a.c., as well as of unearthed IT d.c. systems with voltages up to 1500 V d.c. independent of the measuring principle. This part is to be used in conjunction with part 1 of IEC 61557.

Keel en

Asendatud EVS-EN 61557-9:2009

KAVANDITE ARVAMUSKÜSITLUS

EN 60745-2-1:2003/FprAE

Identne EN 60745-2-1:2003/FprAE:2009

Tähtaeg 29.06.2009

Käsimootoriga elektrilised tööriistad. Ohutus. Osa 2-1: Erinõuded puuridele ja lööktrellidele

Deals with the safety of hand-held motor-operated or magnetically driven electric tools, specific requirements for drills and impact drills. The rated voltage being not more than 250 V for single-phase a.c. or d.c., and 440 V for three-phase a.c. tools

Keel en

EN 60745-2-2:2003/FprAD

Identne EN 60745-2-2:2003/FprAD:2009

Tähtaeg 29.06.2009

Käeshoitavad mootorajamiga elektritööriistad. Ohutus. Osa 2-17: Erinõuded kruvikeerajatele ja mutrivõtmetele

Deals with the safety of hand-held motor-operated or magnetically driven electric tools, specific requirements for screwdrivers and impact wrenches. The rated voltage being not more than 250 V for single-phase a.c. or d.c., and 440 V for three-phase a.c.

Keel en

EN 60745-2-3:2007/FprAC

Identne EN 60745-2-3:2007/FprAC:2009

Tähtaeg 29.06.2009

Elektrimootoriga töötavate käeshoitavate tööriistade ohutus. Osa 2-3: Erinõuded lihvmasinatele, ketaslihvpinkidele ja poleerimiseadmetele

This standard applies to grinders, with a rated speed not exceeding a peripheral speed of the accessory of 80 m/s at rated capacity, polishers and disk-type sanders, including angle, straight and vertical. This standard applies to tools with a rated capacity not exceeding 230 mm.

Keel en

EN 60745-2-6:2003/FprAD

Identne EN 60745-2-6:2003/FprAD:2009

Tähtaeg 29.06.2009

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

Deals with the safety of hand-held motor-operated or magnetically driven tools, specifically hammers. The rated voltage of the hammers is not more than 250 V for single-phase a.c. or d.c., and 440 V for three-phase a.c. tools. Tools covered by this standard

Keel en

EN 60745-2-11:2003/FprAD

Identne EN 60745-2-11:2003/FprAD:2009

Tähtaeg 29.06.2009

Käsımootoriga elektrilised tööriistad. Ohutus. Osad 2-11: Erinõuded kahepoolsetele saagidele (kett- ja raiesaad)

Deals with the safety of hand-held motor-operated or magnetically driven tools, specific requirements for reciprocating saws. The rated voltage being not more than 250 V for single-phase a.c. or d.c. and 440 V for three-phase a.c. tools. Tools covered by this standard include but are not limited to jigsaws and reciprocating (sabre) saws

Keel en

EN 61804-3:2007/FprA1

Identne EN 61804-3:2007/FprA1:2009

ja identne IEC 61804-3:2006/A1:200X

Tähtaeg 29.06.2009

Function Blocks (FB) for process control – Part 3: Electronic Device Description Language (EDDL)

This part of IEC 61804 specifies the Electronic Device Description Language (EDDL) technology, which enables the integration of real product details using the tools of the engineering life cycle. This standard specifies EDDL as a generic language for describing the properties of automation system components. EDDL is capable of describing • device parameters and their dependencies; • device functions, for example, simulation mode, calibration; • graphical representations, for example, menus; • interactions with control devices • graphical representations – enhanced user interface – graphing system • persistent data store.

Keel en

FprEN 60534-2-1

Identne FprEN 60534-2-1:2009

ja identne IEC 60534-2-1:200X

Tähtaeg 29.06.2009

Industrial-process control valves - Part 2-1: Flow capacity - Sizing equations for fluid flow under installed conditions

This part of IEC 60534 includes equations for predicting the flow of compressible and incompressible fluids through control valves. The equations for incompressible flow are based on standard hydrodynamic equations for Newtonian incompressible fluids. They are not intended for use when non-Newtonian fluids, fluid mixtures, slurries or liquid-solid conveyance systems are encountered. The equations for incompressible flow may be used with caution for non-vaporizing multi-component liquid mixtures. Refer to Clause 6 for additional information.

Keel en

Asendab EVS-EN 60534-2-1:2002

FprEN ISO 2503

Identne FprEN ISO 2503:2009

ja identne ISO/FDIS 2503:2009

Tähtaeg 29.06.2009

Gas welding equipment - Pressure regulators and pressure regulators with flow-metering devices for gas cylinders used in welding, cutting and allied processes up to 300 bar (30 MPa)

This International Standard specifies requirements for single or two-stage pressure regulators without flow-metering devices for connection to gas cylinders used for - compressed gases up to 300 bar 1) (30 MPa), - dissolved acetylene, - liquefied petroleum gases (LPG), - methylacetylene-propadiene-mixtures (MPS), and - carbon dioxide (CO₂), for use in welding, cutting and allied processes. It does not cover pressure regulators having a nominal outlet pressure $p_2 > 20$ bar.

Keel en

Asendab EVS-EN ISO 2503:1999

FprEN ISO 23277

Identne FprEN ISO 23277:2009

ja identne ISO 23277:2006

Tähtaeg 29.06.2009

Keevisõmbluste mittepurustav kontrollimine. Keevisõmbluste katsetamine kapillaarmetodil (immutusvedelikega). Tehnilistele tingimustele vastavuse tasemed

This International Standard specifies acceptance levels for indications from surface breaking imperfections in metallic welds detected by penetrant testing. The acceptance levels are primarily intended for use during manufacture examination, but where appropriate they can be used for in-service inspection. The acceptance levels in this International Standard are based on detection capabilities that can be expected when using techniques specified in ISO 3452 and parameters recommended in Annex A. The acceptance levels can be related to welding standards, application standards, specifications or codes. Such a relationship is shown in ISO 17635 for ISO 5817 and ISO 10042.

Keel en

Asendab EVS-EN 1289:1999; EVS-EN

1289:1999/A1:2002; EVS-EN 1289:1999/A2:2004

prEN ISO 14344

Identne prEN ISO 14344:2009
ja identne ISO/DIS 14344:2009
Tähtaeg 29.06.2009

Welding and allied processes - Procurement of welding consumables

This International Standard is a tool for communication between a purchaser and a supplier of welding consumables within quality systems as might, for example, be based upon ISO 9001 [1]. This International Standard, together with an ISO or other recognized welding consumable standard, provides a method for preparing those specific details needed for welding consumable procurement which consist of the following: a) the welding consumable classification (selected from the pertinent ISO or other welding consumable standard); b) the lot classification (selected from Clause 5 of this International Standard); c) the testing schedule (selected from Clause 6 of this International Standard). Selection of the specific welding consumable classification, lot classification and testing schedule will depend upon the requirements of the application for which the welding consumable is being procured.

Keel en

Asendab EVS-EN ISO 14344:2005

prEN ISO 17633

Identne prEN ISO 17633:2009
ja identne ISO/DIS 17633:2009
Tähtaeg 29.06.2009

Welding consumables - Tubular cored electrodes and rods for gas shielded and non-gas shielded metal arc welding of stainless and heat-resisting steels - Classification

This International Standard specifies requirements for classification of tubular flux and metal cored electrodes and rods, based on the all-weld metal chemical composition, the type of electrode core, shielding gas, welding position and the all-weld metal mechanical properties, in the as welded or heat treated conditions, for gas shielded and non-gas shielded metal arc welding of stainless and heat-resisting steels. This International Standard is a combined standard providing for classification utilizing a system based upon classification according to nominal composition, or utilizing a system based upon classification according to alloy type. 1) Clauses and Tables which carry the label "classification according to nominal composition" are applicable only to products classified to that system; 2) Clauses and Tables which carry the label "classification according to alloy type" are applicable only to products classified to that system; 3) Clauses and Tables which carry neither label are applicable to products classified according to either or both systems. It is recognized that the operating characteristics of tubular cored electrodes can be modified by the use of pulsed current, but for the purposes of this International Standard, pulsed current is not permitted for determining the electrode classification.

Keel en

Asendab EVS-EN ISO 17633:2006

prEN ISO 18274

Identne prEN ISO 18274:2009
ja identne ISO/DIS 18274:2009
Tähtaeg 29.06.2009

Welding consumables – Wire and strip electrodes, wires and rods for fusion welding of nickel and nickel alloys – Classification

This International Standard specifies requirements for classification of solid wires, strips and rods for fusion welding of nickel and nickel alloys. The classification of the solid wires, strips and rods is based on their chemical composition.

Keel en

Asendab EVS-EN ISO 18274:2004; EVS-EN ISO 18274:2004/AC:2005; EVS-EN ISO 18274:2004/AC:2007

27 ELEKTRI- JA SOOJUSENERGEETIKA

UUED STANDARDID JA PUBLIKATSIOONID

CWA 45547:2004

Hind 295,00
Identne CWA 45547:2004

Manual for Determination of Combined Heat and Power (CHP)

CHP can make significant fuel and emissions savings over conventional, separate forms of power generation and heat-only boilers. The generation of electricity from power stations is generally at efficiencies in the range 30-55%, based on the Net Calorific Value (NCV) or Lower Heating Value (LHV) of the fuel. Further losses occur in the transmission and distribution of electricity to customers. This means that 45-70% of the energy content of the fuel is not usefully employed. This unutilised energy content is rejected as heat directly to the atmosphere or into seas or rivers. The generation of electricity and the recovery of heat in CHP plants typically achieve overall efficiencies of 70-90% and above, corresponding to efficiencies of heat only boilers. The higher the overall efficiency and the power to heat ratio, the more effective the CHP process.

Keel en

EVS-EN 50513:2009

Hind 209,00
Identne EN 50513:2009

Solar wafers - Data sheet and product information for crystalline silicon wafers for solar cell manufacturing

This document describes data sheet and product information for crystalline silicon (Si) – solar wafers and measurement methods for wafer properties. The document intends to provide the minimum information required for an optimal use of crystalline silicon wafers in solar cell manufacturing. Clauses 5 to 7 describe the data sheet information with technical specifications of the silicon solar wafer with all essential characteristics. The product information concerns packaging, labelling and storage, and implies the commitment to inform about major changes of the product and in the manufacturing process. This data is needed for the processing of silicon solar wafers to solar cells. Clauses 8 to 16 describe measurement methods for the characteristic properties specified in the data sheet.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN ISO 8178-6:2001

Identne EN ISO 8178-6:2000

ja identne ISO 8178-6:2000

Reciprocating internal combustion engines - Exhaust emission measurement - Part 6: Report of measuring results and test

This part of EN ISO 8178 specifies as a standard data format for reporting the measurement results of exhaust emissions from RIC engines for mobile, transportable and stationary use, excluding engines for motor vehicles primarily designed for road use.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

FprEN ISO 14314

Identne FprEN ISO 14314:2009

ja identne ISO 14314:2004

Tähtaeg 29.06.2009

Pöörd-sisepõlemismootorid. Tagasitõmbevedruga käivitusseadmed. Üldised ohutusnõuded (ISO 14314:2004)

This International Standard specifies the safety requirements for engine re-coil starting equipment intended for use on RIC engines for land, rail and marine use, excluding engines intended for use to propel road vehicles and aircraft. It may be applied to engines intended for use to propel construction and earth-moving machines and for other applications where no other suitable International Standards exist.

Keel en

Asendab EVS-EN ISO 14314:2004

prEN 13313

Identne prEN 13313:2009

Tähtaeg 29.06.2009

Refrigerating systems and heat pumps - Competence of personnel - Complementary element

This European Standard defines the activities related to refrigerating circuits and the associated competence profiles and establishes procedures for assessing the competence of persons who carry out these activities. NOTE: As a refrigeration circuit is considered not to incorporate electrical and electronical systems activities in this area are not part of this standard. For competences on electrical and electronical systems see EN 50110. This European Standard does not apply to persons carrying out work on self contained refrigerating systems as defined in EN 378-1 from the initial design of the product to the complete manufacture of the product provided the process is controlled and the methods used are checked by an organisation or individual responsible for the compliance with statutory requirements of health, safety and environment.

Keel en

Asendab EVS-EN 13313:2002

29 ELEKTROTEHNIKA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 50216-9:2009

Hind 166,00

Identne EN 50216-9:2009

Power transformer and reactor fittings - Part 9: Oil-to-water heat exchanger

EN 50216-9 deals with oil-to-water heat exchangers that means a heat exchanger for the cooling of the transformer oil using a forced oil circuit and a forced water circuit. The oil-side of the oil-to-water heat exchangers is not included in the scope of the Pressure Equipment Directive 97/23/EC according to Article 1, § 3.12. The water-side falls into Article 3, § 3 of the Pressure Equipment Directive, therefore the rating plate must not contain a CE sign according to Article 15 of the Pressure Equipment Directive. This standard establishes essential dimensions and the requirements to ensure interchangeability and adequate mounting of the oil-to-water heat exchangers.

Keel en

EVS-EN 50216-10:2009

Hind 135,00

Identne EN 50216-10:2009

Power transformer and reactor fittings - Part 10: Oil-to-air heat exchangers

EN 50216-10 describes oil-to-air heat exchangers that means a heat exchanger for the cooling of the transformer oil using a forced oil circuit and a forced air circuit. The oil-to-air heat exchangers are not included in the scope of the Pressure Equipment Directive 97/23/EC according to Article 1, § 3.12. This standard establishes essential dimensions and the requirements to ensure interchangeability and adequate mounting of the oil-to-air heat exchangers.

Keel en

EVS-EN 50423-3-20:2009

Hind 166,00

Elektriõhuliinid vahelduvpingega üle 1 kV kuni 45 kV.**Osa 3-20: Eesti siseriiklikud erinõuded (SEN)**

EE.1 Käesolev standard hõlmab paljas- või kaetud juhtmetega elektriõhuliine ning õhukaabelliine vahelduvpingega üle 1 kV kuni 45 kV nimisagedusega alla 100 Hz. Üldiselt rakenduvad standardi EN 50341-1 "Elektriõhuliinid vahelduvpingega üle 45 kV. Osa 1: Üldnõuded – ühised eeskirjad" nõuded. Käesolev standard määratleb täiendavad nõuded või lihtsustused, mis rakenduvad ainult vaadeldavas pingete vahemikus.

EE.2 Rakendamine olemasolevatele ja ehitusstaadiumis õhuliinidele. Käesolev Osa 3-20 on Eestis rakendatav ainult uutele, mitte aga olemasolevatele kõrgepingeõhuliinidele. Olemasolevate liinide ulatuslikuma renoveerimise korral tuleb käesoleva Osa 3-20 rakendatavus otsustada iga konkreetse projekti puhul liini omaniku või kompetentse ametkonna poolt. Planeerimis- või ehitusstaadiumis olevad paigaldised võib lõpetada, rakendades planeerimise algul kehtinud standardite nõudeid, kui ei lepita kokku teisiti paigaldise omaniku ja/või muu kompetentse ametkonnaga.

EE.3 Kaetud juhtmete ja õhukaablite kasutamine. Käesolev standard hõlmab ka nõudeid kaetud juhtmete ja õhukaablitega õhuliinide projekteerimiseks ja ehitamiseks. Neid nõudeid võidakse täiendada projekti erinõuetega (edaspidi PN).

EE.4 Telekommunikatsioonikaablite kasutamine. Käesolev standard hõlmab nõudeid elektriliinidele paigaldatavatele kiudoptilistele õhukaablitele.

EE5 Rakendamine telekommunikatsiooniseadmete paigaldusele. Käesolev Osa 3-20 hõlmab telekommunikatsiooniseadmete elementide (antennid, taldrkantennid jne) elektriliinide mastidele paigaldamise nõudeid, eriti seonduvalt tuulesurve ja jätekoormustega sellistele elementidele. Seadmed tuleb projekteerida ja paigaldada liini omaniku ja/või muu kompetentse ametkonna järelevalvel. Telekommunikatsiooniseadmete paigaldamine ülekandeliini mastidele sätestatakse PN-ga. Kui telekommunikatsiooniseadmed (antennid, taldrkantennid jne) paigaldatakse elektriliini mastidele ja nende suurus, paiknemine või montaaž võivad oluliselt mõjutada koormusi või konstruktsioonide projekteerimist, tuleb arvesse võtta ka standardi EVS/TS 1993-3-1 (Teraskonstruktsioonid. Tornid, mastid ja korstnad, Osa 3-1: Tornid ja mastid) nõudeid.

Keel et

EVS-EN 60204-1:2006/A1:2009

Hind 80,00

Identne EN 60204-1:2006/A1:2009

ja identne IEC 60204-1:2005/A1:2008

Masinate ohutus. Masinate elektriseadmed. Osa 1: Üldnõuded

This part of IEC 60204 applies to the application of electrical, electronic and programmable electronic equipment and systems to machines not portable by hand while working, including a group of machines working together in a co-ordinated manner.

Keel en

EVS-EN 61095:2009

Hind 356,00

Identne EN 61095:2009

ja identne IEC 61095:2009

Elektromehaanilised kontaktorid majapidamis- ja muuks taoliseks kasutuseks

This International Standard applies to electromechanical air break contactors for household and similar purposes provided with main contacts intended to be connected to circuits the rated voltage of which does not exceed 440 V a.c. (between phases) with rated operational currents less than or equal to 63 A for utilization category AC-7a and 32 A for utilization categories AC-7b and AC-7c, and rated conditional short-circuit current less than or equal to 6 kA. The contactors dealt with in this standard are not normally designed to interrupt short-circuit currents. Therefore, suitable short-circuit protection (see 9.3.4) shall form part of the installation. This standard does not apply to – contactors complying with IEC 60947-4-1; – semiconductor contactors; – contactors designed for special applications; – auxiliary contacts of contactors. These are dealt with in IEC 60947-5-1.

Keel en

Asendab EVS-EN 61095:2001; EVS-EN 61095:2001/A1:2002

EVS-EN 61557-11:2009

Hind 178,00

Identne EN 61557-11:2009

ja identne IEC 61557-11:2009

Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 11: Effectiveness of residual current monitors (RCMs) type A and type B in TT, TN and IT systems

This part of IEC 61557 specifies the requirements for testing equipment applied to the testing of the effectiveness of residual current monitors (RCMs) of type A and type B, which are already installed in distribution systems. This test equipment can be used in any kind of network like a TN, TT or IT system. The test equipment may also be used for testing directionally discriminating RCMs in IT-Systems.

Keel en

EVS-EN 61558-1:2005/A1:2009

Hind 68,00

Identne EN 61558-1:2005/A1:2009

ja identne IEC 61558-1:2005/A1:2009

Jõutrafode, elektrivarustusseadmete ja muude taoliste seadmete ohutus. Osa 1: Üldnõuded ja katsetused

This International Standard deals with safety aspects of power transformers, power supplies, reactors and similar products such as electrical, thermal and mechanical safety. This standard covers the following types of dry-type transformers, power supplies, including switch mode power supplies, and reactors, the windings of which may be encapsulated or non-encapsulated. It has the status of a group safety publication in accordance with IEC Guide 104.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS 716:1996

ja identne EVS 716:1996

Jõukaablid. Alumiiniumjuhtme, PVC-isolatsiooni ja PVC-kestaga jõukaabel APPK 0,6/1 kV. Kogumikus 100

Standard määrab nõuded püsiva paigalduse puhul kasutatava alumiiniumjuhtme, PVC-kestaga jõukaabli konstruktsioonile ja katsemeetoditele.

Keel et

EVS 717:1996

ja identne EVS 717:1996

Paigalduskaablid. Ühe painduva vaskjuhtme ja PVC-isolatsiooniga paigalduskaabel PE 450/750 V. Kogumikus 100

Standard määrab nõuded püsiva paigalduse puhul kasutatava ühe painduva vaskjuhtme ja PVC-isolatsiooniga paigalduskaabli konstruktsioonile ja katsemeetoditele.

Keel et

EVS-EN 61095:2001

Identne EN 61095:1992 + A11:1996

ja identne IEC 1095:1992

Elektromehaanilised kontaktorid majapidamis- ja muuks taoliseks kasutuseks

Applies to electromechanical air break contactors for household and similar purposes provided with main contacts intended to be connected to circuits the rated voltage of which does not exceed 440 V a.c.

Keel en

Asendatud EVS-EN 61095:2009

EVS-EN 61095:2001/A1:2002

Identne EN 61095:1993/A1:2000

ja identne IEC 61095:1992/A1:2000

Elektromehaanilised kontaktorid majapidamis- ja muuks taoliseks kasutuseks

Applies to electromechanical air break contactors for household and similar purposes provided with main contacts intended to be connected to circuits the rated voltage of which does not exceed 440 V a.c.

Keel en

Asendatud EVS-EN 61095:2009

KAVANDITE ARVAMUSKÜSITLUS

FprEN 50110-2

Identne FprEN 50110-2:2009

Tähtaeg 29.06.2009

Operation of electrical installations - Part 2: National annexes

The European Standard EN 50110 consists of two parts: - the first part EN 50110-1 contains minimum requirements valid for all CENELEC countries and some additional informative annexes dealing with safe working; - the second part EN 50110-2 is a set of normative annexes (one per country) which specify either the present safety requirements or give the national supplements to these minimum requirements at the time when this European Standard was prepared. The national annexes (if any) are summarized by the respective member country. National Committees shall notify CENELEC of any changes needed to their national annex.

Keel en

Asendab EVS-EN 50110-2:2001

FprEN 60445

Identne FprEN 60445:2009

ja identne IEC 60445:200X

Tähtaeg 29.06.2009

Basic and safety principles for man-machine interface, marking and identification - Identification of equipment terminals, conductor terminations and conductors

This International Standard applies to the identification and marking of terminals of electrical equipment such as resistors, fuses, relays, contactors, transformers, rotating machines and, wherever applicable, to combinations of such equipment (e.g. assemblies), and also applies to the identification of terminations of certain designated conductors. It also provides general rules for the use of certain colours or alphanumeric notations to identify conductors with the aim of avoiding ambiguity and ensuring safe operation. These conductor colours or alphanumeric notations are intended to be applied in cables or cores, busbars, electrical equipment and installations.

Keel en

Asendab EVS-EN 60445:2007

FprEN 60695-1-11

Identne FprEN 60695-1-11:2009

ja identne IEC 60695-1-11:200X

Tähtaeg 29.06.2009

Fire hazard testing - Part 11: Guidance for assessing the fire hazard of electrotechnical products - Fire hazard assessment

This part of IEC 60695 provides guidance for assessing the fire hazard of electrotechnical products and for the resulting development of fire hazard testing as related directly to harm to people, animals or property. For the purpose of this standard, product means complete electrotechnical equipments, their parts (including components) and electrical insulating materials. This international standard outlines a hazard-based process to identify appropriate fire test methods and performance criteria for products. The principles of the methodology are to identify fire events (fire scenarios) which will be associated with the product, to establish how the measurable fire properties of the product are related to the possible occurrence and outcome of those events, and to establish test methods and performance requirements for those properties which will either result in a tolerable fire outcome or eliminate the event altogether.

Keel en

Asendab EVS-EN 60695-1-1:2001

FprEN 60695-2-12

Identne FprEN 60695-2-12:2009

ja identne IEC 60695-2-12:200X

Tähtaeg 29.06.2009

Fire hazard testing - Part 2-12: Glowing/hot-wire based test methods - Glow-wire flammability index (GWFI) test method for materials

This part of IEC 60695 specifies the details of the glow-wire test to be applied to test specimens of solid electrical insulating materials or other solid materials for flammability testing to determine the glow-wire flammability index (GWFI). GWFI is the highest temperature, determined during this standardized procedure, at which the tested material a) does not ignite or, if it does, extinguishes within 30 s after removal of the glow-wire and is not totally consumed, and b) dripping material, if it occurs, does not ignite wrapping tissue. This test method is a materials test carried out on a series of standard test specimens. The data obtained, along with data from the glow-wire ignition temperature (GWIT) test method for materials, IEC 60695-2-13, can then be used in a preselection process in accordance with IEC 60695-1-30 to judge the ability of materials to meet the requirements of IEC 60695-2-11.

Keel en

Asendab EVS-EN 60695-2-12:2002

FprEN 60695-2-13

Identne FprEN 60695-2-13:2009

ja identne IEC 60695-2-13:200X

Tähtaeg 29.06.2009

Fire hazard testing - Part 2-13: Glowing/hot-wire based test methods - Glow-wire ignition temperature (GWIT) test method for materials

This part of IEC 60695 specifies the details of the glow-wire test to be applied to test specimens of solid electrical insulating materials or other solid materials for ignitability testing to determine the glow-wire ignition temperature (GWIT). The GWIT is the temperature which is 25 K (or 30 K) higher than the maximum test temperature, determined during this standardized procedure, at which the tested material a) does not ignite, or b) if sustained and continuous flaming combustion does not occur for a time longer than 5 s for any single flame event and the specimen is not totally consumed. This test is a materials test carried out on a series of standard test specimens. The data obtained, along with data from the glow-wire flammability index (GWFI) test method for materials, IEC 60695-2-12, can then be used in a preselection process in accordance with IEC 60695-1-30 to judge the ability of materials to meet the requirements of IEC 60695-2-11.

Keel en

Asendab EVS-EN 60695-2-13:2002

FprEN 62041

Identne FprEN 62041:2009

ja identne IEC 62041:200X

Tähtaeg 29.06.2009

Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1100 V - EMC requirements

This international product family standard applies to transformers, reactors and power supply units covered by the IEC 61558 series of standards. It prescribes the electromagnetic compatibility requirements for emission and immunity in the frequency range 0 Hz - 400 GHz. No measurement needs to be performed at frequencies where no requirement is specified. Transformers, reactors and power supply units delivered with or incorporated in an appliance or equipment shall comply with the relevant EMC standard applicable to that appliance or equipment. However this standard may be used as a guide to test the transformers, reactors and power supply units separately before incorporating them in the appliance or equipment.

Keel en

Asendab EVS-EN 62041:2004

FprEN 62317-2

Identne FprEN 62317-2:2009

ja identne IEC 62317-2:200X

Tähtaeg 29.06.2009

Ferrite cores - Dimensions - Part 2: Pot-cores for use in telecommunications, power supply, and filter applications

This part of IEC 62317 specifies the dimensions that are of importance for mechanical interchangeability for a preferred range of pot-cores made of ferrite, and the dimensional limits for coil formers to be used with them. The selection of core sizes for this standard is based on the philosophy of including those sizes which are industrial standards, either by inclusion in a national standard, or by broad-based use in industry. See IEC 62317-1 for more detail concerning the philosophy of selecting core sizes to be included. The general considerations upon which the design of this range of cores is based are given in Annex A.

Keel en

FprEN 62386-209

Identne FprEN 62386-209:2009

ja identne IEC 62386-209:200X

Tähtaeg 29.06.2009

Digital addressable lighting interface - Part 209: Particular requirements for control gear - Colour control (Device Type 8)

This International Standard specifies a protocol and test procedures for the control by digital signals of electronic control gear that can change their light colour.

Keel en

FprHD 620 S2

Identne FprHD 620 S2:2009

Tähtaeg 29.06.2009

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

HD 620 applies to cables with extruded insulation and for rated voltages $U_0/U(U_m)$ from 3,6/6 (7,2) kV up to 20,8/36(42) kV used in power distribution systems of voltages not exceeding the maximum r.m.s. value of the system voltage U_m . This Part (Part 1) specifies the general requirements applicable to these cables, unless otherwise specified in the particular sections of this HD. Test methods specified are given EN 60228, EN 60229, EN 60332-1-2, EN 60811, EN 60885-3, HD 605 and HD 632.

Keel en

Asendab EVS-HD 620 S1:2002; EVS-HD 620 S1:2002/A1:2008; EVS-HD 620 S1:2002/A2:2006; EVS-HD 620 S1:2002/A3:2007; EVS-HD 620 S1:2002/A3:2007/AC:2007

FprHD 60364-7-702

Identne FprHD 60364-7-702:2009

ja identne IEC 60364-7-702:200X

Tähtaeg 29.06.2009

Low-voltage electrical installations - Part 7-702: Requirements for special installations or locations - Swimming pools and fountains

This part applies to electrical installations of: - basins of swimming and paddling pools and in their surrounding zones; - areas in natural waters, lakes in gravel pits and coastal and similar areas, specially intended to be occupied by persons for swimming, paddling and similar purposes, and their surrounding zones. Such areas in natural waters, lakes in gravel pits and coastal and similar areas, are considered as swimming pools; - basins of fountains and their surrounding zones.

Keel en

Asendab EVS-HD 384.7.702 S2:2004

FprHD 60364-7-717/FprAA

Identne FprHD 60364-7-717:2009/FprAA:2009

Tähtaeg 29.06.2009

Low-voltage electrical installations - Part 7-717: Requirements for special installations or locations - Mobile or transportable units

The particular requirements as specified in this part of IEC 60364 are applicable to mobile or transportable units. For the purposes of this part, the term "unit" refers to a vehicle and/or mobile or transportable structure in which all or part of an electrical installation is contained. Units are either of the mobile type or of the transportable type. Examples are units for television and broadcasting, medical services, advertising, fire fighting, using special information technology, units for disaster relief, catering units and the like.

Keel en

prEN 50367

Identne prEN 50367:2009

Tähtaeg 29.06.2009

Raudteerakendused. Vooluvõtusüsteemid. Pantograafi ja kontaktliini vastastikuse toime tehnilised kriteeriumid (vaba juurdepääsu saavutamiseks)

Combination of different overhead contact lines and pantographs will provide various interaction performances. This standard defines parameters for interoperability in the field of interaction between pantograph and overhead contact line. The document specifies the interface requirements of rolling stock and infrastructure to achieve free access to the European railway network. This standard describes parameters and values for all planned lines and future lines. Annex B gives some essential parameters for existing lines. The energy supply system is not covered by this standard.

Keel en

Asendab EVS-EN 50367:2006

31 ELEKTROONIKA

UUED STANDARDID JA PUBLIKATSIOONID

CLC/TR 50481:2009

Hind 92,00

Identne CLC/TR 50481:2009

Recommendations on filters for shielded enclosures

This document was prepared to give users general advices on filtering solutions adopted in shielded enclosures. It is mainly a collection of hints derived from practical experience. This document is coordinated with EN 50147-1 and EN 50417-2. The document covers the frequency range DC to 40 GHz. The range above 40 GHz and up to 400 GHz is under consideration.

Keel en

CLC/TR 50484:2009

Hind 135,00

Identne CLC/TR 50484:2009

Recommendations for shielded enclosures

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

Keel en

EVS-EN 60286-5:2004/A1:2009

Hind 124,00

Identne EN 60286-5:2004/A1:2009

ja identne IEC 60286-5:2003/A1:2009

Packaging of components for automatic handling -- Part 5: Matrix trays

describes the common dimensions, tolerances and characteristics of the tray. It includes only those dimensions which are essential for the handling of the trays for the stated purpose and for placing or removing components from the trays.

Keel en

EVS-EN 60384-3:2007/AC:2009

Hind 0,00

Identne EN 60384-3:2006/Corr:2009

Fixed capacitors for use in electronic equipment -- Part 3: Sectional specification: Surface mount fixed tantalum electrolytic capacitors with manganese dioxide solid electrolyte

Keel en

EVS-EN 60384-3-1:2007/AC:2009

Hind 0,00

Identne EN 60384-3-1:2006/Corr:2009

Fixed capacitors for use in electronic equipment -- Part 3-1: Blank detail specification: Surface mount fixed tantalum electrolytic capacitors with manganese dioxide solid electrolyte - Assessment level EZ

Keel en

EVS-EN 60384-4-1:2007/AC:2009

Hind 0,00

Identne EN 60384-4-1:2007/Corr:2009

Fixed capacitors for use in electronic equipment -- Part 4-1: Blank detail specification - Fixed aluminium electrolytic capacitors with non-solid electrolyte - Assessment level EZ

Keel en

EVS-EN 60384-4-2:2007/AC:2009

Hind 0,00

Identne EN 60384-4-2:2007/Corr:2009

Fixed capacitors for use in electronic equipment - Part 4-2: Blank detail specification - Fixed aluminium electrolytic capacitors with solid (MnO₂) electrolyte - Assessment level E

Keel en

EVS-EN 60915:2007/AC:2009

Hind 0,00

Identne EN 60915:2007/Corr:2009

Capacitors and resistors for use in electronic equipment - Preferred dimensions of shaft ends, bushes and for the mounting of single-hole, bush-mounted, shaft-operated electronic components

Keel en

Asendab EVS-EN 60915:2007/AC:2008

EVS-EN 60939-1:2005/AC:2009

Hind 0,00

Identne EN 60939-1:2005/Corr:2009

Passive filter units for electromagnetic interference suppression - Part 1: Generic specification

Keel en

EVS-EN 61249-2-35:2009

Hind 178,00

Identne EN 61249-2-35:2009

ja identne IEC 61249-2-35:2008

Materials for printed boards and other interconnecting structures - Part 2-35: Reinforced base materials, clad and unclad - Modified epoxide woven E-glass laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly

This part of IEC 61249 gives requirements for properties of modified brominated epoxide woven E-glass laminate sheet 0,05 mm up to 3,2 mm, of defined flammability (vertical burning test), copper-clad. The glass transition temperature is defined to be 150 °C to 200 °C. Its flame resistance is defined in terms of the flammability requirements of 7.3. Some property requirements may have several classes of performance. The class desired should be specified on the purchase order; otherwise, the default class of material will be supplied.

Keel en

EVS-EN 61249-2-36:2009

Hind 178,00

Identne EN 61249-2-36:2009

ja identne IEC 61249-2-36:2008

Materials for printed boards and other interconnecting structures - Part 2-36: Reinforced base materials, clad and unclad - Epoxide woven E-glass laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly

This part of IEC 61249 gives requirements for properties of di-functional brominated epoxide woven E-glass laminate sheet 0,05 mm up to 3,2 mm, of defined flammability (vertical burning test), copper-clad. The glass transition temperature is defined to be 120 °C minimum. Its flame resistance is defined in terms of the flammability requirements of 7.3. Some property requirements may have several classes of performance. The class desired should be specified on the purchase order otherwise the default class of material will be supplied.

Keel en

EVS-EN 61249-2-37:2009

Hind 178,00

Identne EN 61249-2-37:2009

ja identne IEC 61249-2-37:2008

Materials for printed boards and other interconnecting structures - Part 2-37: Reinforced base materials, clad and unclad - Modified non-halogenated epoxidewoven E-glass laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly

This part of IEC 61249 gives requirements for properties of modified non-halogenated epoxide woven E-glass laminate sheet 0,05 mm up to 3,2 mm, of defined flammability (vertical burning test), copper-clad. The glass transition temperature is defined to be 150 °C to 200 °C. Its flame resistance is defined in terms of the flammability requirements of 7.3. Some property requirements may have several classes of performance. The class desired should be specified on the purchase order, otherwise the default class of material will be supplied.

Keel en

EVS-EN 61249-2-38:2009

Hind 178,00

Identne EN 61249-2-38:2009

ja identne IEC 61249-2-38:2008

Materials for printed boards and other interconnecting structures - Part 2-38: Reinforced base materials, clad and unclad - Non-halogenated epoxide woven E-glass laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly

This part of IEC 61249 gives requirements for properties of di-functional non-halogenated epoxide woven E-glass laminate sheet 0,05 mm up to 3,2 mm, of defined flammability (vertical burning test), copper-clad. The glass transition temperature is defined to be 120 °C minimum. Its flame resistance is defined in terms of the flammability requirements of 7.3. Some property requirements may have several classes of performance. The class desired should be specified on the purchase order otherwise the default class of material will be supplied.

Keel en

EVS-EN 62007-1:2009

Hind 229,00

Identne EN 62007-1:2009

ja identne IEC 62007-1:2009

Semiconductor optoelectronic devices for fibre optic system applications - Part 1: Specification template for essential ratings and characteristics

This part of IEC 62007 is a specification template for essential ratings and characteristics of the following categories of semiconductor optoelectronic devices to be used in the field of fibre optic systems and subsystems: - semiconductor photoemitters; - semiconductor photoelectric detectors; - monolithic or hybrid integrated optoelectronic devices and their modules. The object of this performance specification template is to provide a frame for the preparation of detail specifications for the essential ratings and characteristics. Detail specification writers may add specification parameters and/or groups of specification parameters for particular applications. However, detail specification writers may not remove specification parameters specified in this standard.

Keel en

Asendab EVS-EN 62007-1:2002

EVS-EN 62007-2:2009

Hind 229,00

Identne EN 62007-2:2009

ja identne IEC 62007-2:2009

Semiconductor optoelectronic devices for fibre optic system applications -- Part 2: Measuring methods

This part of IEC 62007 describes the measuring methods applicable to the semiconductor optoelectronic devices to be used in the field of fibre optic digital communication systems and subsystems. All optical fibres and cables that are defined in IEC 60793 series, IEC 60794 series are applicable. All optical connectors that are defined in IEC 60874 series are applicable, if a pigtail is to be terminated with an optical connector.

Keel en

Asendab EVS-EN 62007-2:2002

EVS-EN 62137-1-3:2009

Hind 178,00

Identne EN 62137-1-3:2009

ja identne IEC 62137-1-3:2009

Surface mounting technology - Environmental and endurance test methods for surface mount solder joint -- Part 1-3: Cyclic drop test

The test method described in this part of IEC 62137 applies to solder joints between terminals of surface mounting devices (SMDs) and land patterns on printed wiring boards (PWBs). This test is intended to evaluate the strength of the solder joints of larger sized multi-terminal components and other components in devices (e.g. handheld mobile devices) in the event that the device is dropped. The properties of the solder joints (e.g. solder alloy, substrate, mounted device or design, etc.) are evaluated to assist in improving the strength of the solder joints.

Keel en

EVS-EN 62137-1-4:2009

Hind 135,00

Identne EN 62137-1-4:2009

ja identne IEC 62137-1-4:2009

Surface mounting technology - Environmental and endurance test methods for surface mount solder joints -- Part 1-4: Cyclic bending test

The test method described in this part of IEC 62137 applies to surface mount components with a thin and wide basal plane, such as QFP and BGA. This test method evaluates the endurance of the solder joints between component leads and lands on a substrate by cyclic bending of substrate. This test also evaluates the effects of repeated mechanical stress, such as key pushing in cell phones, the strength of the solder joint between component terminals and lands on a substrate. In this test method, the evaluation requires first to mount the surface mount component on the substrate by reflow soldering, then cyclically bend the substrate to a certain degree of depth until fracture of the solder joints occurs. The properties of the solder joints (e.g. solder alloy, substrate, mounted device or design, etc.) are evaluated to assist in improving the strength of the solder joints.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 60915:2007/AC:2008**

Identne EN 60915:2007/Corr:2008

Capacitors and resistors for use in electronic equipment - Preferred dimensions of shaft ends, bushes and for the mounting of single-hole, bush-mounted, shaft-operated electronic components

Keel en

Asendatud EVS-EN 60915:2007/AC:2009

EVS-EN 62007-2:2002

Identne EN 62007-2:2000

ja identne IEC 62007-2 +A1:1998

Semiconductor optoelectronic devices for fibre optic system applications - Part 2: Measuring methods

This part of IEC 62007 describes the measuring methods applicable to the semiconductor optoelectronic devices to be used in the field of fibre optic systems and subsystems.

Keel en

Asendatud EVS-EN 62007-2:2009

EVS-EN 62007-1:2002

Identne EN 62007-1:2000

ja identne IEC 62007-1+A1:1998

Semiconductor optoelectronic devices for fibre optic system applications - Part 1: Essential ratings and characteristics

Gives the essential ratings and characteristics of the following categories of semiconductor optoelectronic devices to be used in the field of fibre optic systems and subsystems: semiconductor photoemitters, semiconductor photoelectric detectors, and monolithic or hybrid integrated optoelectronic devices and their modules.

Keel en

Asendatud EVS-EN 62007-2:2009

KAVANDITE ARVAMUSKÜSITLUS

FprEN 60512-7-1

Identne FprEN 60512-7-1:2009

ja identne IEC 60512-7-1:200X

Tähtaeg 29.06.2009

Connectors for electronic equipment - Tests and measurements - Part 7-1: Impact tests (free connectors) - Test 7a: Free fall (repeated)

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this document is to define a standard test method to assess the ability of a component to withstand the impacts it would receive when dropped repeatedly.

Keel en

FprEN 60512-8-1

Identne FprEN 60512-8-1:2009

ja identne IEC 60512-8-1:200X

Tähtaeg 29.06.2009

Connectors for electronic equipment - Tests and measurements - Part 8-1: Static load tests (fixed connectors) - Test 8a: Static load, transverse

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this document is to detail a standard test method to assess the suitability of a fixed connector for use in applications where it may be subject to transverse stresses.

Keel en

FprEN 60512-9-1

Identne FprEN 60512-9-1:2009

ja identne IEC 60512-9-1:200X

Tähtaeg 29.06.2009

Connectors for electronic equipment - Tests and measurements - Part 9-1: Endurance tests - Test 9a: Mechanical operation

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this document is to detail a standard test method to assess the mechanical operational endurance of connectors in the normal operating mode, without electrical load.

Keel en

FprEN 60512-9-5

Identne FprEN 60512-9-5:2009

ja identne IEC 60512-9-5:200X

Tähtaeg 29.06.2009

Connectors for electronic equipment - Tests and measurements - Part 9-5: Endurance tests - Test 9e: Current loading, cyclic

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this document is to detail a standard method for subjecting solderless connections to thermal stress conditioning by cyclic current loading.

Keel en

FprEN 60512-17-1

Identne FprEN 60512-17-1:2009

ja identne IEC 60512-17-1:200X

Tähtaeg 29.06.2009

Connectors for electronic equipment - Tests and measurements - Part 17-1: Cable clamping tests - Test 17a: Cable clamp robustness

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this document is to detail a standard test method to assess the ability of a cable-clamping device to withstand mechanical stresses likely to be encountered during normal usage.

Keel en

FprEN 60512-17-3

Identne FprEN 60512-17-3:2009

ja identne IEC 60512-17-3:200X

Tähtaeg 29.06.2009

Connectors for electronic equipment - Tests and measurements - Part 17-3: Cable clamping tests - Test 17c: Cable clamp resistance to cable pull (tensile)

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this document is to detail a standard test method to assess the ability of a cable-clamping device to prevent the rotation of the cable/wire bundle. This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this document is to detail a standard test method to assess the ability of a cable-clamping device to prevent longitudinal movement of the cable/wire bundle. It is around its axis.

Keel en

FprEN 60512-17-4

Identne FprEN 60512-17-4:2009

ja identne IEC 60512-17-4:200X

Tähtaeg 29.06.2009

Connectors for electronic equipment - Tests and measurements - Part 17-4: Cable clamping tests - Test 17d: Cable clamp resistance to cable torsion

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this document is to detail a standard test method to assess the ability of a cable-clamping device to prevent the rotation of the cable/wire bundle around its axis.

Keel en

FprEN 60512-19-1

Identne FprEN 60512-19-1:2009

ja identne IEC 60512-19-1:200X

Tähtaeg 29.06.2009

Connectors for electronic equipment - Tests and measurements - Part 19-1: Chemical resistance tests - Test 19a: Fluid resistance of pre-insulated crimp barrels

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this document is to detail a standard method to assess the ability of the insulation of pre-insulated crimp barrels to withstand specified fluids under specified conditions.

Keel en

FprEN 60512-20-1

Identne FprEN 60512-20-1:2009

ja identne IEC 60512-20-1:200X

Tähtaeg 29.06.2009

Connectors for electronic equipment - Tests and measurements - Part 20-1: Fire hazard tests - Test 20a: Flammability, needle-flame

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this document is to detail a standard method to determine the flammability of a connector when exposed to a needle-flame under specified conditions. The needle-flame test is intended to simulate the effect of small flames which may result from fault conditions within the equipment, i.e. the intensity of the ignition source used is of a similar order to that of an accidentally overheated or burning single electronic component.

Keel en

FprEN 60512-20-3

Identne FprEN 60512-20-3:2009

ja identne IEC 60512-20-3:200X

Tähtaeg 29.06.2009

Connectors for electronic equipment - Tests and measurements - Part 20-3: Fire hazard tests - Test 20c: Flammability, glow-wire

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this document is to detail a standard test method to determine the flammability of a connector when exposed to a glow-wire test under specified conditions. The glow-wire test simulates thermal stresses which may be produced by such sources of heat or ignition, for example glowing elements or overloaded components, for short periods, in order to assess by a simulation technique the fire hazard or burning single electronic component.

Keel en

FprEN 60512-21-1

Identne FprEN 60512-21-1:2009

ja identne IEC 60512-21-1:200X

Tähtaeg 29.06.2009

Connectors for electronic equipment - Tests and measurements - Part 21-1: R.F. resistance tests - Test 21a: R.F. shunt resistance

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this document is to detail a standard test method to determine the value of r.f. shunt resistance which degrades the Q-factor of an L/C circuit when a connector is connected in parallel. This value is expressed in terms of a parallel damping resistance.

Keel en

FprEN 60512-22-1

Identne FprEN 60512-22-1:2009

ja identne IEC 60512-22-1:200X

Tähtaeg 29.06.2009

Connectors for electronic equipment - Tests and measurements - Part 22-1: Capacitance tests - Test 22a: Capacitance

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

Keel en

FprEN 60512-23-2

Identne FprEN 60512-23-2:2009

ja identne IEC 60512-23-2:200X

Tähtaeg 29.06.2009

Connectors for electronic equipment - Tests and measurements - Part 23-2: Screening and filtering tests - Test 23b: Suppression characteristics of integral filters

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this document is to detail a standard method to measure suppression characteristics (insertion loss) introduced by single and multiple circuit radio-frequency filters which are an integral part of a connector.

Keel en

FprEN 60512-24-1

Identne FprEN 60512-24-1:2009

ja identne IEC 60512-24-1:200X

Tähtaeg 29.06.2009

Connectors for electronic equipment - Tests and measurements - Part 24-1: Magnetic interference tests - Test 24a: Residual magnetism

This part of IEC 60512, when required by the detail specification, is used for testing connectors within the scope of technical committee 48. It may also be used for similar devices when specified in a detail specification. The object of this document is to detail a standard method to measure the residual magnetism of a connector after exposure to a specified magnetic field.

Keel en

FprEN 60601-2-57

Identne FprEN 60601-2-57:2009

ja identne IEC 60601-2-57:200X

Tähtaeg 29.06.2009

Medical electrical equipment - Part 2-57: Particular requirements for basic safety and essential performance of non-laser light source equipment intended for therapeutic, diagnostic, monitoring and cosmetic/aesthetic use

This International Standard applies to basic safety and essential performance of equipment incorporating one or more sources of optical radiation in the wavelength range 200 nm to 3,000 nm, with the exception of laser radiation, and intended to create photobiological effects in humans or animals for therapeutic, diagnostic, monitoring, cosmetic/aesthetic or veterinary applications; hereafter referred to as Light Source Equipment (LS Equipment). This Standard does not apply to equipment for sun tanning, ophthalmic instruments or other devices whose specific safety issues are addressed through appropriate international standards and excludes equipment intended for illumination.

Keel en

FprEN 62571

Identne FprEN 62571:2009

ja identne IEC 62571:200X

Tähtaeg 29.06.2009

Digital audiobook file format and player requirements

This International Standard defines requirements and provides recommendations to publishers, software developers, content providers, and hardware manufacturers for the data structure, usability requirements, playback systems and delivery systems for audiobooks in digital file format. It should be noted that throughout this International Standard, the term audiobook is defined as any audio file or collection of audio files of primarily spoken word content that are played in a linear order or specified order. Therefore, spoken word audio with occasional music, a narration of newspaper articles, or other similar spoken word audio, would additionally be considered audiobooks under this standard.

Keel en

33 SIDETEHNIKA

UUED STANDARDID JA PUBLIKATSIOONID

CLC/TR 50083-10-1:2009

Hind 315,00

Identne CLC/TR 50083-10-1:2009

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

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

Keel en

CLC/TR 50481:2009

Hind 92,00

Identne CLC/TR 50481:2009

Recommendations on filters for shielded enclosures

This document was prepared to give users general advices on filtering solutions adopted in shielded enclosures. It is mainly a collection of hints derived from practical experience. This document is coordinated with EN 50147-1 and EN 50417-2. The document covers the frequency range DC to 40 GHz. The range above 40 GHz and up to 400 GHz is under consideration.

Keel en

EVS-EN 61000-4-17:2002/A2:2009

Hind 80,00

Identne EN 61000-4-17:1999/A2:2009

ja identne IEC 61000-4-17:1999/A2:2008

Electromagnetic compatibility (EMC) - Part 4-17: Testing and measurement techniques - Ripple on d.c. input power port immunity test

This International Standard relates to the immunity requirements and test methods for electrical and electronic equipment, connected to d.c. distributed systems, to ripple. This standard is applicable to low voltage d.c. power ports of equipment supplied by external rectifier systems or batteries, charged during its operation

Keel en

EVS-EN 61169-38:2009

Hind 198,00

Identne EN 61169-38:2009

ja identne IEC 61169-38:2008

Radio-frequency connectors - Part 38: Sectional specification - Radio frequency coaxial connectors model, slide-in (rack and panel applications) - Characteristic impedance 50 Ω (type TMA) - 50 Ω applications

This part of 61169, which is a sectional specification, provides information and rules for the preparation of detail specifications for series TMA r.f. connectors together with the pro forma blank detail specification. Series TMA connectors have a characteristic impedance of 50 Ω and are normally used with R.F. cables or with microstrip in microwave fields that has a blind-entry and middle low-power. The connectors are usable up to a frequency of at least 6 GHz. This specification also prescribes mating face dimensions for general purpose connectors, dimensional details of standard test connectors grade 0, gauging information and tests selected from QC 220000 (IEC 61169-1), applicable to all detail specifications relating to series TMA connectors. This specification indicates the recommended performance characteristics to be considered when writing a detail specification and it covers test schedules and inspection requirements for assessment levels M and H.

Keel en

EVS-EN 61300-2-2:2009

Hind 114,00

Identne EN 61300-2-2:2009

ja identne IEC 61300-2-2:2009

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-2: Tests - Mating durability

The purpose of this part of IEC 61300 is to evaluate the effects of a number of successive cycles of engagement and separation of fibre optic connectors or other interconnecting devices on optical performance and mechanical degradation of the component under normal usage conditions.

Keel en

Asendab EVS-EN 61300-2-2:2003

EVS-EN 61300-3-2:2009

Hind 155,00

Identne EN 61300-3-2:2009

ja identne IEC 61300-3-2:2009

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-2: Examinations and measurements - Polarization dependent loss in a single-mode fibre optic device

This part of IEC 61300 specifies measurement methods to determine the dependence of loss in a single-mode fibre optic device to changes in polarization. This procedure focuses on measurements with a fixed wavelength source; therefore, this procedure is applicable to devices whose properties at a single wavelength can represent those over the broader wavelength band. Typical examples of such devices are single-mode interconnecting devices and passive components, including connectors, splices, branching devices, attenuators, isolators, and switches. The maximum observed variation in transmission loss is referred to as polarization-dependent-loss (PDL). This standard applies to broadband devices and not to narrow-band devices like filters and multiplexers. The reader is referred to IEC 61300-3-29 for such measurements.

Keel en

Asendab EVS-EN 61300-3-2:2002; EVS-EN 61300-3-12:2002

EVS-EN 61300-3-34:2009

Hind 135,00

Identne EN 61300-3-34:2009

ja identne IEC 61300-3-34:2009

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-34: Examinations and measurements - Attenuation of random mated connectors

This part of IEC 61300 describes the procedure required to measure the statistical distribution and mean attenuation for random mated optical connectors.

Keel en

Asendab EVS-EN 61300-3-34:2002

EVS-EN 61557-9:2009

Hind 178,00

Identne EN 61557-9:2009

ja identne IEC 61557-9:2009

Elektrihutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 9: Isolatsioonirikke asukoha määramise seadmed IT-süsteemides

This part of IEC 61557 specifies the requirements for insulation fault location systems which localize insulation faults in any part of the system in unearthed IT a.c. systems and unearthed IT a.c. systems with galvanically connected d.c. circuits having nominal voltages up to 1 000 V a.c., as well as in unearthed IT d.c. systems with voltages up to 1 500 V d.c., independent of the measuring principle.

Keel en

Asendab EVS-EN 61557-9:2001

EVS-EN 61754-25:2009

Hind 135,00

Identne EN 61754-25:2009

ja identne IEC 61754-25:2008

Fibre optic connector interfaces -- Part 25: Type RAO connector family

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

Keel en

EVS-EN 61755-3-1:2009

Hind 124,00

Identne EN 61755-3-1:2009

ja identne IEC 61755-3-1:2006+Corr:2009

Fibre optic connector optical interfaces -- Part 3-1: Optical interface, 2,5 mm and 1,25 mm diameter cylindrical full zirconia PC ferrule, single mode fibre

This part of IEC 61755 defines certain dimensional limits of a 2,5 mm and a 1,25 mm diameter cylindrical zirconia (ZrO₂) PC ferrule optical interface to meet specific requirements for fibre-to-fibre interconnection. Ferrules made from the material specified in this document are suitable for use in categories C, U, E, and O as defined in IEC 61753-1. Ferrule dimensions and features are contained in the IEC 61754 series of fibre optic connector interface documents.

Keel en

EVS-EN 61755-3-2:2009

Hind 124,00

Identne EN 61755-3-2:2009

ja identne EN 61755-3-2:2006+Corr:2009

Fibre optic connector optical interfaces -- Part 3-2: Optical interface, 2,5 mm and 1,25 mm diameter cylindrical full zirconia ferrules for 8 degrees angled-PC single mode fibres

This part of IEC 61755 defines certain dimensional limits of a 2,5 mm and a 1,25mm diameter cylindrical zirconia (ZrO₂) 8 degrees angled-PC (APC) ferrule optical interface to meet specific requirements for connecting fibre to fibre interconnection. Ferrules made from the material specified in this document are suitable for use in categories C, U, E and O as defined in IEC 61753-1.

Keel en

EVS-EN 61755-3-7:2009

Hind 114,00

Identne EN 61755-3-7:2009

ja identne IEC 61755-3-7:2009

Fibre optic interconnecting devices and passive components - Fibre optic connector optical interfaces - Part 3-7: Optical interface, 2,5 mm and 1,25 mm diameter cylindrical PC composite ferrule using titanium as fibre surrounding material, single mode fibre

This part of IEC 61755 defines dimensional limits and material properties of a 2,5 mm and a 1,25 mm diameter cylindrical composite ferrule optical interface to meet specific requirements for PC fibre-to-fibre interconnection. The composite ferrule uses different materials in the end face contact zone and in ferrule to sleeve contact zone. The specified materials for each zone are zirconia (ZrO₂) for the ferrule to sleeve contact zone and titanium for the end face contact zone.

Ferrules made from the material specified in this standard are suitable for use in categories C, U, E and O as defined in IEC 61753-1.

Keel en

EVS-EN 61755-3-8:2009

Hind 114,00

Identne EN 61755-3-8:2009

ja identne IEC 61755-3-8:2009

Fibre optic interconnecting devices and passive components - Fibre optic connector optical interfaces -- Part 3-8: Optical interface, 2,5 mm and 1,25 mm diameter cylindrical 8 degrees angled-APC composite ferrule using titanium as fibre surrounding material, single mode fibre

This part of IEC 61755 defines dimensional limits and material properties of a 2,5 mm and a 1,25 mm diameter cylindrical composite ferrule optical interface to meet specific requirements for APC fibre-to-fibre interconnection. The composite ferrule uses different materials in the end face contact zone and in ferrule to sleeve contact zone. The specified materials for each zone are zirconia (ZrO₂) for the ferrule to sleeve contact zone and titanium for the end face contact zone. Ferrules made from the material specified in this standard are suitable for use in categories C, U, E and O as defined in IEC 61753-1.

Keel en

EVS-EN 62007-1:2009

Hind 229,00

Identne EN 62007-1:2009

ja identne IEC 62007-1:2009

Semiconductor optoelectronic devices for fibre optic system applications - Part 1: Specification template for essential ratings and characteristics

This part of IEC 62007 is a specification template for essential ratings and characteristics of the following categories of semiconductor optoelectronic devices to be used in the field of fibre optic systems and subsystems: - semiconductor photoemitters; - semiconductor photoelectric detectors; - monolithic or hybrid integrated optoelectronic devices and their modules. The object of this performance specification template is to provide a frame for the preparation of detail specifications for the essential ratings and characteristics. Detail specification writers may add specification parameters and/or groups of specification parameters for particular applications. However, detail specification writers may not remove specification parameters specified in this standard.

Keel en

Asendab EVS-EN 62007-1:2002

EVS-EN 62007-2:2009

Hind 229,00

Identne EN 62007-2:2009

ja identne IEC 62007-2:2009

Semiconductor optoelectronic devices for fibre optic system applications -- Part 2: Measuring methods

This part of IEC 62007 describes the measuring methods applicable to the semiconductor optoelectronic devices to be used in the field of fibre optic digital communication systems and subsystems. All optical fibres and cables that are defined in IEC 60793 series, IEC 60794 series are applicable. All optical connectors that are defined in IEC 60874 series are applicable, if a pigtail is to be terminated with an optical connector.

Keel en

Asendab EVS-EN 62007-2:2002

EVS-EN 62369-1:2009

Hind 295,00

Identne EN 62369-1:2009

ja identne IEC 62369-1:2008

Evaluation of human exposure to electromagnetic fields from short range devices (SRDs) in various applications over the frequency range 0 GHz to 300 GHz - Part 1: Fields produced by devices used for electronic article surveillance, radio frequency identification and similar systems

This part of IEC 62369 presents procedures for the evaluation of human exposure to electromagnetic fields (EMFs) from devices used in electronic article surveillance (EAS), radio frequency identification (RFID) and similar applications. It adopts a staged approach to facilitate compliance assessment. The first stage (Stage 1) is a simple measurement against the appropriate derived reference values. Stage 2 is a more complex series of measurements or calculations, coupled with analysis techniques. Stage 3 requires detailed modelling and analysis for comparison with the basic restrictions. When assessing any device, the most appropriate method for the exposure situation may be used.

Keel en

Asendab EVS-EN 50357:2002

EVS-EN 300 065-1 V1.2.1:2009

Hind 178,00

Identne EN 300 065-1 V1.2.1:2009

Electromagnetic compatibility and Radio spectrum Matters (ERM); Narrow-band direct-printing telegraph equipment for receiving meteorological or navigational information (NAVTEX); Part 1: Technical characteristics and methods of measurement

Keel en

EVS-EN 300 175-8 V2.2.1:2009

Hind 356,00

Identne EN 300 175-8 V2.2.1 :2009

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 8: Speech and audio coding and transmission

Keel en

EVS-EN 300 296-1 V1.2.1:2009

Hind 256,00

Identne EN 300 296-1 V1.2.1:2009

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

Keel en

EVS-EN 300 296-2 V1.2.1:2009

Hind 145,00

Identne EN 300 296-2 V1.2.1:2009

Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Liikuv maaside; Peamiselt analoogkõneks ette nähtud liitantenniga raadioseadmed; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel

Keel en

EVS-EN 300 392-1 V1.4.1:2009

Hind 377,00

Identne EN 300 392-1 V1.4.1:2009

Terrestrial Trunked Radio (TETRA);Voice plus Data (V+D);Part 1: General network design

Keel en

EVS-EN 300 392-9 V1.3.2:2009

Hind 256,00

Identne EN 300 392-9 V1.3.2:2009

Terrestrial Trunked Radio (TETRA);Voice plus Data (V+D);Part 9: General requirements for supplementary services

Keel en

EVS-EN 300 440-1 V1.5.1:2009

Hind 271,00

Identne EN 300 440-1 V1.5.1:2009

Electromagnetic compatibility and Radio spectrum Matters (ERM); Short range devices; Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Part 1: Technical characteristics and test methods

Keel en

EVS-EN 300 440-2 V1.3.1:2009

Hind 145,00

Identne EN 300 440-2 V1.3.1:2009

Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM).Lähtoimeseadmed.Raadiosagedusalas 1 GHz kuni 40 GHz kasutatavad raadioseadmed.Osa 2. Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel

Keel en

EVS-EN 300 468 V1.9.1.2009

Hind 336,00

Identne EN 300 468 V1.9.1:2009

Digital Video Broadcasting (DVB); Specification for Service Information (SI) in DVB systems

Keel en

EVS-EN 300 744 V1.6.1:2009

Hind 271,00

Identne EN 300 744 V1.6.1:2009

Digital Video Broadcasting (DVB);Framing structure, channel coding and modulation for digital terrestrial television

Keel en

EVS-EN 301 489-29 V1.1.1:2009

Hind 188,00

Identne EN 301 489-29 V1.1.1:2009

Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM);Raadioseadmete elektromagnetilise ühilduvuse (EMC) standard;Osa 29: Eritingimused raadiosagedusalades 401 MHz kuni 402 MHz ja 405 MHz kuni 406 MHz töötavatele meditsiinilistele andmedastusseadmetele (MEDS)

Keel en

EVS-EN 301 489-12 V2.2.2:2009

Hind 166,00

Identne EN 301 489-12 V2.2.2.:2009

Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM).Raadioseadmete ja raadiosideteenistuste elektromagnetilise ühilduvuse (EMC) standard. Osa 12:Eritingimused paikse kosmoseside (FSS) raadiosagedusalas 4 GHz kuni 30 GHz töötavatele VSAT-terminalidele ja satelliitide interaktiivsetele maajaamadele

Keel en

EVS-EN 301 489-33 V1.1.1:2009

Hind 135,00

Identne EN 301 489-33 V1.1.1:2009

Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM).Raadioseadmete ja raadiosideteenistuste elektromagnetilise ühilduvuse (EMC) standard.Osa 33: Eritingimused ultralairiba (UWB) seadmetele

Keel en

EVS-EN 302 217-4-2 V1.4.1:2009

Hind 219,00

Identne EN 302 217-4-2 V1.4.1:2009

Paiksed raadiosüsteemid.Raadioliinide seadmete ja antennide karakteristikud ja nõuded.Osa 4-2: Antennid.Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel

Keel en

EVS-EN 302 217-4-1 V1.3.1:2009

Hind 166,00

Identne EN 302 217-4-1 V1.3.1:2009

Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 4-1: System-dependent requirements for antennas

Keel en

EVS-EN 302 288-1 V1.4.1:2009

Hind 229,00

Identne EN 302 288-1 V1.4.1:2009

Electromagnetic compatibility and Radio spectrum Matters (ERM);Short Range Devices;Road Transport and Traffic Telematics (RTTT);Short range radar equipment operating in the 24 GHz range;

Keel en

EVS-EN 302 288-2 V1.3.2:2009

Hind 124,00

Identne EN 302 288-2 V1.3.2 :2009

Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Lähitoimeseadmed; Maanteesidesüsteemi seadmed (RTTT); Sagedusalas 24 GHz töötavad sõidukiradarid; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel

Keel en

EVS-EN 302 500-1 V1.2.1:2009

Hind 219,00

Identne EN 302 500-1 V1.2.1:2008

Electromagnetic compatibility and Radio spectrum Matters (ERM);Short Range Devices (SRD) using Ultra WideBand (UWB) technology;Location Tracking equipment operating in the frequency range from 6 GHz to 8,5 GHz;Part 1: Technical characteristics and test methods

Keel en

EVS-EN 302 500-2 V1.2.1:2009

Hind 124,00

Identne EN 302 500-2 V1.2.1:2008

Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Ultralairiba (UWB) tehnoloogiat kasutavad lähitoimeseadmed; Raadiosagedusalas 6 GHz kuni 8,5 GHz töötavad asukohaotsingu seadmed; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel

Keel en

EVS-EN 302 544-2 V1.1.1:2009

Hind 219,00

Identne EN 302 544-2 V1.1.0 :2009

Sagedusalas 2500 MHz kuni 2690 MHz töötavad lairibaandmeedastussüsteemid; Osa 2:Aegtihedus dupleks modulatsiooniga (TDD) kasutajaseadmed; harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel

Keel en

EVS-EN 302 617-1 V1.1.1:2009

Hind 229,00

Identne EN 302 617-1 V1.1.1:2009

Electromagnetic compatibility and Radio spectrum Matters (ERM); Ground-based UHF radio transmitters, receivers and transceivers for the UHF aeronautical mobile service using amplitude modulation; Part 1: Technical characteristics and methods of measurement

Keel en

EVS-EN 302 623 V1.1.1:2009

Hind 188,00

Identne EN 302 623 V1.1.1:2009

Lairiba juurdepääsu raadiovõrk (BWA) raadiosagedusalas 3400 MHz kuni 3800 MHz; Liikuvad terminalid; harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel

Keel en

EVS-EN 302 752 V1.1.1:2009

Hind 178,00

Identne EN 302 752 V1.1.1:2009

Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM);Aktiivsed radarid;Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 50117-3:2002**

Identne EN 50117-3:1996

Kaabeljaotusvõrkudes kasutatavad koaksiaalkaablid. Osa 3: Välispaigaldus-rippkaablite liigitus

This Sectional Specification is intended to be used in conjunction with the Generic Specification EN 50117-1, Coaxial cables for use in cabled distribution networks operating at frequencies between 5 MHz and 862 MHz.

Keel en

Asendatud EVS-EN 50117-2-2:2004; EVS-EN 50117-2-1:2005; EVS-EN 50117-2-4:2004; EVS-EN 50117-2-5:2004; EVS-EN 50117-2-3:2004

EVS-EN 50117-4:2002

Identne EN 50117-4:1996

Kaabeljaotusvõrkudes kasutatavad koaksiaalkaablid. Osa 4: Jaotus- ja liinikaablite liigitus

This Sectional Specification is intended to be used in conjunction with the Generic Specification EN 50117-1, Coaxial cables for use in cabled distribution networks operating at frequencies between 5 MHz and 862 MHz.

Keel en

Asendatud EVS-EN 50117-2-1:2005; EVS-EN 50117-2-2:2004; EVS-EN 50117-2-3:2004; EVS-EN 50117-2-4:2004; EVS-EN 50117-2-5:2004

EVS-EN 50117-5:2002

Identne EN 50117-5:1997

Kaabeljaotusvõrkudes kasutatavad koaksiaalkaablid. Osa 5: Sagedusel 5 MHz kuni 2150 MHz talitlevates võrkudes kasutatavate siseruumi-rippkaablite liigitus

This Sectional Specification applies to drop cables for indoor applications in networks (e.g. SMATV) whose frequency of operation is within the range 5 MHz - 2150 MHz

Keel en

Asendatud EVS-EN 50117-2-1:2005; EVS-EN 50117-2-2:2004; EVS-EN 50117-2-3:2004; EVS-EN 50117-2-4:2004; EVS-EN 50117-2-5:2004

EVS-EN 50117-6:2002

Identne EN 50117-6:1997

Kaabeljaotusvõrkudes kasutatavad koaksiaalkaablid. Osa 6: Sagedusel 5 MHz kuni 2150 MHz talitlevates võrkudes kasutatavate välispaigaldus-rippkaablite liigitus

This Sectional Specification applies to drop cables for outdoor applications in networks (e.g. SMATV) whose frequency of operation is within the range 5 MHz - 2150 MHz

Keel en

Asendatud EVS-EN 50117-2-1:2005; EVS-EN 50117-2-2:2004; EVS-EN 50117-2-3:2004; EVS-EN 50117-2-4:2004; EVS-EN 50117-2-5:2004

EVS-EN 50357:2002

Identne EN 50357:2001

Evaluation of human exposure to electromagnetic fields from devices used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications

This European Standard applies to devices used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications. The objective of the Standard is to specify, for such equipment, the methods for demonstration of compliance with basic restrictions or reference levels related to human exposure to electromagnetic fields.

Keel en

Asendatud EVS-EN 62369-1:2009

EVS-EN 61290-2-2:2002

Identne EN 61290-2-2:1998

ja identne IEC 61290-2-2:1998

Optical fibre amplifiers - Basic specification - Part 2-2: Test methods for optical power parameters - Electrical spectrum analyzer

This part of IEC 61290 applies to optical fibre amplifiers (OFAs) using active fibres, containing rare-earth dopants, presently commercially available. The object of this standard is to establish uniform requirements for accurate and reliable measurements, by means of the electrical spectrum analyzer test method, of the OFA parameters, as defined in clause 3 of IEC 61291-1.

Keel en

Asendatud EVS-EN 61290-1-2:2006

EVS-EN 61300-2-2:2003

Identne EN 61300-2-2:2003

ja identne IEC 61300-2-2:2003

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-2: Tests - Mating durability

Provides a test to evaluate the effects of a number of successive cycles of engagement and separation of fibre optic connectors or other interconnecting devices on optical performance and mechanical degradation of the component under normal conditions of use

Keel en

Asendab EVS-EN 61300-2-2:2002

Asendatud EVS-EN 61300-2-2:2009

EVS-EN 61300-3-2:2002

Identne EN 61300-3-2:1999

ja identne IEC 61300-3-2:1999

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-2: Examinations and measurements Polarization dependence of attenuation in a single-mode fibre optic device

The object of this part of IEC 1300 is to determine the dependence of single-mode fibre optic devices with regard to changes in polarization. This measurement can be applied to any single-mode interconnecting device and passive component, including connectors, splices, couplers, attenuators, isolators and switches. It is used to measure the total range of attenuation, Δa , due to changes in polarization of the launch state. For branching devices, it can be used to measure the total range of coupling ratio, $\Delta CR(i)$.

Keel en

Asendatud EVS-EN 61300-3-2:2009

EVS-EN 61300-3-12:2002

Identne EN 61300-3-12:1997

ja identne IEC 61300-3-12:1997

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-12: Examinations and measurements - Polarization dependence of attenuation of a single-mode fibre optical component: matrix calculation method

This part of IEC 1300 describes the test to determine the dependence attenuation of singlemode fibre optic components to changes in the state of the polarization of the input light. The value given by this test is the maximum variation in loss over all states of polarization of the launch light into the component under test (DUT).

Keel en

Asendatud EVS-EN 61300-3-2:2009

EVS-EN 61300-3-34:2002

Identne EN 61300-3-34:2002

ja identne IEC 61300-3-34:2001

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-34: Examinations and measurements - Attenuation of random mated connectors

The object of this part of IEC 61300 is to describe a measurement procedure to evaluate the decrease in optical power expressed in decibels, which results when a patchcord connector set, with like connectors at both ends, is randomly inserted into a length of optical fibre. The measured parameter is the attenuation, sometimes designated as insertion loss of the component. For this measurement standard reference connector sets are not required.

Keel en

Asendatud EVS-EN 61300-3-34:2009

EVS-EN 61557-9:2001

Identne EN 61557-9:1999

ja identne IEC 61557-9:1999

Elektrihutus madalpingelistes jaotussüsteemides vahelduvpingel kuni 1 kV ja alalispingel kuni 1,5 kV. Kaitsemeetmete katsetamis-, mõõtmis- ja seireseadmed. Osa 9: Isolatsioonirikke asukoha määramise seadmed IT-süsteemides

This part of IEC 1557 specifies the requirements for insulation fault location systems which localize insulation faults in any part of the system in unearthed IT a.c. systems resp. unearthed IT a.c. with galvanically connected d.c. circuits having nominal voltages up to 1000 V a.c., as well as of unearthed IT d.c. systems with voltages up to 1500 V d.c. independent of the measuring principle. This part is to be used in conjunction with part 1 of IEC 61557.

Keel en

Asendatud EVS-EN 61557-9:2009

EVS-EN 62007-2:2002

Identne EN 62007-2:2000

ja identne IEC 62007-2 +A1:1998

Semiconductor optoelectronic devices for fibre optic system applications - Part 2: Measuring methods

This part of IEC 62007 describes the measuring methods applicable to the semiconductor optoelectronic devices to be used in the field of fibre optic systems and subsystems.

Keel en

Asendatud EVS-EN 62007-2:2009

EVS-EN 62007-1:2002

Identne EN 62007-1:2000

ja identne IEC 62007-1+A1:1998

Semiconductor optoelectronic devices for fibre optic system applications - Part 1: Essential ratings and characteristics

Gives the essential ratings and characteristics of the following categories of semiconductor optoelectronic devices to be used in the field of fibre optic systems and subsystems: semiconductor photoemitters, semiconductor photoelectric detectors, and monolithic or hybrid integrated optoelectronic devices and their modules.

Keel en

Asendatud EVS-EN 62007-2:2009

KAVANDITE ARVAMUSKÜSITLUS

EN 50065-1:2002/FprAA

Identne EN 50065-1:2001/FprAA:2009

Tähtaeg 29.06.2009

Madalpinge elektripaigaldistel olev signalisatsioon sagedusalal 3 kHz kuni 148,5 kHz. Osa 1: Üldnõuded, sagedusalad ja elektromagnetilised häiringud

This standard applies to electrical equipment using signals in the frequency range 3 kHz to 148,5 kHz to transmit information on low-voltage electrical systems, either on the public supply system or within

installations in consumers' premises.

Keel en

EN 61000-4-4:2005/FprA1

Identne EN 61000-4-4:2004/FprA1:2009

ja identne IEC 61000-4-4:2004/A1:200X

Tähtaeg 6.06.2009

Electromagnetic compatibility (EMC) -- Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test

Establishes a common and reproducible reference for evaluating the immunity of electrical and electronic equipment when subjected to electrical fast transient/bursts on supply, signal, control and earth ports. The test method documented in this part of EN 61000-4 describes a consistent method to assess the immunity of an equipment or system against a defined phenomenon. The standard defines: - test voltage waveform; - range of test levels; - test equipment; - verification procedures of test equipment; - test set-up; - test procedure. The standard gives specifications for laboratory and post-installation tests. This second edition cancels and replaces the first edition published in 1995 and its amendments 1 (2000) and 2 (2001) and constitutes a technical revision.

Keel en

EN 300 753 V1.2.1

Identne EN 300 753 V1.2.1:2009

Tähtaeg 15.06.2009

Equipment Engineering (EE); Acoustic noise emitted by telecommunications equipment

Keel en

EN 300 065-2 V1.2.1

Identne EN 300 065-2 V1.2.1:2009

Tähtaeg 15.06.2009

Electromagnetic compatibility and Radio spectrum Matters (ERM); Narrow-band direct-printing telegraph equipment for receiving meteorological or navigational information (NAVTEX); Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE directive

Keel en

EN 300 065-3 V1.2.1

Identne EN 300 065-3 V1.2.1:2009

Tähtaeg 15.06.2009

Electromagnetic compatibility and Radio spectrum Matters (ERM); Narrow-band direct-printing telegraph equipment for receiving meteorological or navigational information (NAVTEX); Part 3: Harmonized EN covering the essential requirements of article 3.3 (e) of the R&TTE directive

Keel en

EN 300 175-4 V2.2.2

Identne EN 300 175-4 V2.2.2.2009

Tähtaeg 15.06.2009

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 4: Data Link Control (DLC) layer

Keel en

EN 300 176-1 V2.1.0

Identne EN 300 176-1 V2.1.0 :2009

Tähtaeg 15.06.2009

Digital Enhanced Cordless Telecommunications (DECT); Test specification; Part 1: Radio

Keel en

EN 300 176-2 V2.1.0

Identne EN300 176-2 V2.1.0:2009

Tähtaeg 15.06.2009

Digital Enhanced Cordless Telecommunications (DECT); Test specification; Part 2: Audio and speech

Keel en

EN 301 406 V2.1.0

Identne EN 301 406 V2.1.0:2009

Tähtaeg 15.06.2009

Digital Enhanced Cordless Telecommunications (DECT); Harmonized EN for Digital Enhanced Cordless Telecommunications (DECT) covering the essential requirements under article 3.2 of the R&TTE Directive; Generic radio

Keel en

EN 301 489-4 V1.4.1

Identne EN 301 489-4 V1.4.1:2009

Tähtaeg 15.06.2009

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 4: Specific conditions for fixed radio links, Broadband Data Transmission System Base stations, ancillary equipment and services

Keel en

EN 301 489-17 V2.1.1

Identne EN 301 489-17 V2.1.1:2009

Tähtaeg 15.06.2009

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems

Keel en

EN 301 790 V1.5.1

Identne EN 301 790 V1.5.1:2009

Tähtaeg 15.06.2009

Digital Video Broadcasting (DVB); Interaction channel for satellite distribution systems

Keel en

EN 301 908-10 V4.1.0

Identne EN 301 908-10 V4.1.0:2009

Tähtaeg 15.06.2009

Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 10: Harmonized EN for IMT-2000, FDMA/TDMA (DECT) covering essential requirements of article 3.2 of the R&TTE Directive

Keel en

EN 302 544-1 V1.1.1

Identne EN 302 544-1 V1.1.1:2009

Tähtaeg 15.06.2009

Broadband Data Transmission Systems operating in the 2 500 MHz to 2 690 MHz frequency band; Part 1: TDD Base Stations; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

Keel en

EN 302 567 V1.1.1

Identne EN 302 567 V1.1.1:2009

Tähtaeg 15.06.2009

Broadband Radio Access Networks (BRAN); 60 GHz Multiple-Gigabit WAS/RLAN Systems; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

Keel en

FprEN 60118-13

Identne FprEN 60118-13:2009

ja identne IEC 60118-13:200X

Tähtaeg 29.06.2009

Kuuldeaparaadid. Osa 13: Elektromagnetiline ühilduvus (EMC)

This part of IEC 60118 in principle covers all relevant EMC phenomena for hearing aids. EMC phenomena, such as RF emission and electrostatic discharge, are not currently known to be a significant problem in connection with hearing aids and are therefore not dealt with. Based on new knowledge, they could be considered in connection with future revisions or extensions of this standard. Hearing aid immunity to high frequency electromagnetic fields originating from digital wireless devices is currently identified as the only relevant EMC phenomenon regarding hearing aids. IEC 61000-4-3 is the basis for relevant EMC tests to be conducted on hearing aids. Measurement methods and acceptance levels are described in this standard.

Keel en

Asendab EVS-EN 60118-13:2005

FprEN 61000-4-15

Identne FprEN 61000-4-15:2009

ja identne IEC 61000-4-15:200X

Tähtaeg 29.06.2009

Electromagnetic compatibility (EMC) - Part 4-15: Testing and measurement techniques - Flickermeter - Functional and design specifications

This section of IEC 61000-4 gives a functional and design specification for flicker measuring apparatus intended to indicate the correct flicker perception level for all practical voltage fluctuation waveforms. Information is presented to enable such an instrument to be constructed. A method is given for the evaluation of flicker severity on the basis of the output of flickermeters complying with this standard.

Keel en

Asendab EVS-EN 61000-4-15:2002; EVS-EN 61000-4-15:2002/A1:2003

FprEN 61300-2-9

Identne FprEN 61300-2-9:2009
 ja identne IEC 61300-2-9:200X
 Tähtaeg 29.06.2009

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-9: Tests - Shock

The purpose of this part of IEC 61300 is to define a test method to reveal eventual mechanical weakness and/or degradation of fibre optic devices when subjected to non-repetitive mechanical shocks. It simulates infrequent non-repetitive shocks likely to be encountered in normal service or during transportation.

Keel en

Asendab EVS-EN 61300-2-9:2002

FprEN 61850-9-2

Identne FprEN 61850-9-2:2009
 ja identne IEC 61850-9-2:200X
 Tähtaeg 29.06.2009

Communication networks and systems for power utility automation - Part 9-2: Specific Communication Service Mapping (SCSM) - Sampled values over ISO/IEC 8802-3

This part of IEC 61850 defines the Specific Communication Service Mapping (SCSM) for the transmission of sampled values according to the abstract specification in IEC 61850-7-2. The mapping is that of the abstract model on a mixed stack using direct access to an ISO/IEC 8802-3 link for the transmission of the samples in combination with IEC 61850-8-1. Each SCSM consists of three parts: – a specification of the communication stack being used, – the mapping of the abstract specifications of IEC 61850-7 on the real elements of the stack being used, and – the implementation specification of functionality, that is not covered by the stack being used.

Keel en

Asendab EVS-EN 61850-9-2:2004

FprEN 62041

Identne FprEN 62041:2009
 ja identne IEC 62041:200X
 Tähtaeg 29.06.2009

Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1100 V - EMC requirements

This international product family standard applies to transformers, reactors and power supply units covered by the IEC 61558 series of standards. It prescribes the electromagnetic compatibility requirements for emission and immunity in the frequency range 0 Hz - 400 GHz. No measurement needs to be performed at frequencies where no requirement is specified. Transformers, reactors and power supply units delivered with or incorporated in an appliance or equipment shall comply with the relevant EMC standard applicable to that appliance or equipment. However this standard may be used as a guide to test the transformers, reactors and power supply units separately before incorporating them in the appliance or equipment.

Keel en

Asendab EVS-EN 62041:2004

35 INFOTEHNOLOOGIA. KONTORISEADMED

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TS 15699:2009

Hind 198,00

Identne CEN/TS 15699:2009

Health informatics - Clinical knowledge resources - Metadata

This Technical Specification defines a number of metadata elements that describe documents containing medical knowledge, primarily digital documents provided as web resources, accessible from databases or via file transfer, but can be applicable also to paper documents, e.g. articles in the medical literature. The metadata should: • support unambiguous and international understanding of important aspects to describe a document e.g. purpose, issuer, intended audience, legal status and scientific background; • be applicable to different kinds of digital documents e.g. recommendation from consensus of a professional group, regulation by a governmental authority, clinical trial protocol from a pharmaceutical company, scientific manuscript from a research group, advice to patients with a specific disease, review article; • be possible to present to human readers including health professionals as well as citizens/patients • be potentially usable for automatic processing e.g. to support search engines to restrict matches to documents of a certain type or quality level.

Keel en

CEN/TS 15722:2009

Hind 114,00

Identne CEN/TS 15722:2009

Road transport and traffic telematics - ESafety - ECall minimum set of data (MSD)

This Technical Specification defines the standard data concepts that comprise the "Minimum Set of Data" to be transferred from a vehicle to a "Public Safety Answering Point" (PSAP) in the event of a crash or emergency via an "eCall" communication session.

Keel en

CEN/TS 15873:2009

Hind 188,00

Identne CEN/TS 15873:2009

Postal Services - Open Standard Interface - Address Data File Format for OCR/VCS Dictionary Generation

This document defines a file format for the generation of postal address directories. It is designed to hold all information necessary to support address reading software including data required for forwarding applications. In typical postal automation systems these files will be processed by directory generation software which creates application specific loadable data. This data – usually referred to as operational directory – is heavily compressed and contains access tables tailored for the specific reading software. Not in the scope of this document are topics external to file like compression, checksums, the interface for transmission to the supplier, modification permissions, error handling on inconsistent data and undo in updates.

Keel en

CWA 15914-1:2009

Hind 209,00

Identne CWA 15914-1:2009

Criteria, methodology and procedures for creating an E-codification concerning substances used in Pharmaceutical compounding

The domain addressed by this CWA is the E-codification of substances used by compounding pharmacists in pharmaceutical compounding. The present document specifies the technical requirements for creating the record structure and E-codification of the various substances supplied by commercial suppliers and used by the pharmacist in the pharmacy for preparing "Magistral Formula" and "Formula Officinalis" as defined by the European Directive 2001/83, Article 3, Paragraph 1) and 2). The CWA includes a record of the supplier of substances.

Keel en

CWA 15929:2009

Hind 295,00

Identne CWA 15929:2009

Best Practices for the Design and Development of Critical Information Systems

This section provides, for the purpose of this document, specific definitions of requirements crucial to a CIS. For a given CIS, only one or just a few requirements may be a major concern. Two types of specific requirements may be crucial for a CIS: - Quality of service requirements (generally addressing the concerns of both business process owners, stakeholders and IT specialists): o Integrity. o Availability. o Performance. o Capacity. o Security. - Quality of system requirements (generally addressing the concerns of IT specialists): o Maintainability. o Resilience. o Usability.

Keel en

EVS 821:2009

Hind 292,00

Identne EVS 822:2003

ja identne EVS 821:2003

BDOC. Digitaalalkirja vorming

Standard määratleb XML vormingud täiustatud elektrooniliste allkirjade jaoks, mis omavad pikaajalist tõestusväärtust, on vastavuses Euroopa direktiiviga ning kaasavad kasulikku lisainformatsiooni tavapäraseks kasutusjuhtudeks. See lisainformatsioon sisaldab ka tõestusmaterjali allkirja kehtivusest, mis on kasutatav isegi siis, kui allkirjastaja või verifitseerija üritab hiljem eitada (salata) allkirja kehtivust.

Keel et,en

Asendab EVS 821:2003; EVS 822:2003

EVS-EN 60950-1:2006/A11:2009

Hind 105,00

Identne EN 60950-1:2006/A11:2009

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

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS 821:2003

ja identne EVS 821:2003

Digitaalalkirja kontrolli üldpõhimõtted. Sertifikaadi kehtivuskinnituse vorming ja protokollid.

Standard kirjeldab digitaalalkirja kontrolli üldpõhimõtteid, sõltumatult digitaalalkirja komponentide esitamiseks kasutatavatest vahenditest.

Keel et

Asendatud EVS 821:2009

EVS 822:2003

ja identne EVS 822:2003

Ajatempliteenuse protokollid ja andmevormingud

Ajatempel on kindla vorminguga elektrooniline andmekogum, mis aitab tõestada või kinnitada mingite sündmuste toimumise ajalisi suhteid. Üheks nimetatud sündmuseks võib näiteks olla digitaalalkirja moodustamine ja teiseks sündmuseks ajatempli enda moodustamine. Samuti võib ajatempel esitada kinnitust, et teatud andmed olid olemas teatud ajahetkel, mis ajatemplis on esitatud ajanäiduna.

Keel et

Asendatud EVS 821:2009

KAVANDITE ARVAMUSKÜSITLUS

EN 61804-3:2007/FprA1

Identne EN 61804-3:2007/FprA1:2009

ja identne IEC 61804-3:2006/A1:200X

Tähtaeg 29.06.2009

Function Blocks (FB) for process control -- Part 3: Electronic Device Description Language (EDDL)

This part of IEC 61804 specifies the Electronic Device Description Language (EDDL) technology, which enables the integration of real product details using the tools of the engineering life cycle. This standard specifies EDDL as a generic language for describing the properties of automation system components. EDDL is capable of describing • device parameters and their dependencies; • device functions, for example, simulation mode, calibration; • graphical representations, for example, menus; • interactions with control devices • graphical representations – enhanced user interface – graphing system • persistent data store.

Keel en

prEN 50159

Identne prEN 50159:2009

Tähtaeg 29.06.2009

Raudteelased rakendused. Side-, signalisatsiooni- ja andmetöötuse süsteemid. Osa 1: Ohutusega seotud teabeedastus suletud ülekandesüsteemides

This European Standard is applicable to safety-related electronic systems using for communication purposes a transmission system which was not necessarily designed for safety-related applications and which is either – under the control of the designer and fixed during life time, or – partly unknown or not fixed, however unauthorised access can be excluded, or – not under the control of the designer, that means that also unauthorised access has to be regarded. Both safety-related equipment and non safety-related equipment can be connected to the transmission system. This standard gives the basic requirements needed to achieve safety-related communication between safety-related equipment connected to the transmission system. This European Standard is applicable to the safety requirement specification of the safety-related equipment, connected to the transmission system, in order to obtain the allocated safety integrity requirements.

Keel en

Asendab EVS-EN 50159-1:2002; EVS-EN 50159-2:2002

prEN ISO 16484-1

Identne prEN ISO 16484-1:2009

ja identne ISO/DIS 16484-1:2009

Tähtaeg 29.06.2009

Building automation and control systems (BACS) - Part 1: Project specification and implementation

This standard specifies general principles for project design and implementation and for the integration of other systems into the BACS. It describes the phases required for the project such as: - Design: Definition of project requirements; - engineering: Detailed function and hardware specification design; - installation: Installing and commissioning of the BACS; - completion: Handover, acceptance and finalization. It also describes the requirements for as-built documentation and training. Operation and maintenance are outside the scope of this standard.

Keel en

prEVS-ISO/IEC 13335-1

ja identne ISO/IEC 13335-1:2004

Tähtaeg 29.06.2009

Infotehnoloogia. Infoturbe halduse suunised. Osa 1: Infoturbe mõisted ja mudelid

Keel en

Asendatud EVS-ISO/IEC TR 13335-1:1999; EVS-ISO/IEC TR 13335-2:1999

prEVS-ISO/IEC 15288

ja identne ISO/IEC 15288:2008

Tähtaeg 29.06.2009

Süsteemitehnika. Süsteemi elutsükli protsessid

Keel en

Asendatud EVS-ISO/IEC 15288:2004

37 VISUAALTEHNIKA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 15744:2009

Hind 114,00

Identne EN 15744:2009

Filmi identifitseerimine. Filmitööse minimaalne metaandmete kogum

This European Standard contains a comprehensive set of metadata elements for representing information about cinematographic works, their variants and manifestations. Detailed information on available media items, viewing requirements, and access conditions is not covered by this standard. However, elementary information concerning the availability of media items can be expressed. This European Standard also provides some extension points for adding more detailed data types without violating conformance. The guiding principle here is that no information from existing filmographic records should be lost when these are expressed according to this standard. Finally, an XML schema is provided as an aid to data interchange and as a tool for verifying the syntactic conformance of implementations.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

FprEN 60674-3-8

Identne FprEN 60674-3-8:2009

ja identne IEC 60674-3-8:200X

Tähtaeg 29.06.2009

Specification for plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheet 8: Requirements for balanced biaxially oriented polyethylenenaphthalate (PEN) films used for electrical insulation

This International Standard gives the requirements for balanced biaxially oriented poly-ethylene naphthalate (PEN) film for use as electrical insulation.

Keel en

43 MAANTEESÕIDUKITE EHITUS

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TS 15436-3:2009

Hind 92,00

Identne CEN/TS 15436-3:2009

Road service area maintenance equipment - Part 3: Classification

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

Keel en

KAVANDITE ARVAMUSKÜSITLUS

EN 1501-1:1999/FprA2

Identne EN 1501-1:1998/FprA2:2009

Tähtaeg 29.06.2009

Prügikogumissõidukid ja nendega ühendatud tõstemehhanismid. Põhi- ja ohutusnõuded. Osa 1: Tagantlaadimisega prügikogumissõidukid

Käesolev Euroopa standardi osa määrab kindlaks tahke prügi ja taaskasutatavate materjalide kogumise, transportimise ja kahjutustamise hüdraulilise ajamiga tagantlaadimisega sõidukite kere ohutus- ja konstruktsiooninõuded. Selle dokumendiga on hõlmatud ka juurdekuuluvad tõstemehhanismid ja æassiiga ühendavad vaheliidesed.

Keel en

EN 1501-2:2005/FprA1

Identne EN 1501-2:2005/FprA1:2009

Tähtaeg 29.06.2009

Prügikogumissõidukid ja nendega ühendatud tõstemehhanismid. Põhi- ja ohutusnõuded. Osa 2: Külglaadimisega prügikogumissõidukid

This European Standard specifies the technical requirements to minimise the hazards listed in Clause 5 which can arise during the operation and the maintenance of side loaded refuse collection vehicles (side loaded RCVs) used for the collection, transportation and unloading of solid wastes and as intended by the manufacturer or his authorised representative.

Keel en

45 RAUDTEETEHNIKA

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TS 45545-1:2009

Hind 124,00

Identne CEN/TS 45545-1:2009

Raudteealased rakendused. Raudteeveeremi tuleohutus. Osa 1: Üldeeskiri

CEN/TS 45545 specifies: - measures on railway vehicles for fire protection; - verification of these measures. CEN/TS 45545 specifies prevention measures. The measures and requirements specified in CEN/TS 45545 are intended to protect passengers and staff in railway vehicles in the event of a fire on board. This protection of passenger and staff is essentially based on the ability of the rolling stock to allow for evacuation in safety, satisfying conditions (according to the objectives in Clause 4) in the frame of a guided transportation system which includes in particular vehicles, infrastructure and operation rules. The present Technical Specification describes the measures to be taken in the design of the vehicles in the context of the infrastructure within which they operate.

Keel en

CEN/TS 45545-2:2009

Hind 295,00

Identne CEN/TS 45545-2:2009

Raudteealased rakendused. Raudteeveeremi tuleohutus. Osa 2: Nõuded materjalide ja komponentide käitumisele

This part specifies the reaction to fire performance requirements for materials and products used on railway vehicles as defined in CEN/TS 45545-1. The operation and design categories defined in CEN/TS 45545-1 are used to establish hazard levels that are used as the basis of a classification system. For each hazard level, this part specifies the test methods, test conditions and reaction to fire performance requirements. It is not within the scope of this Technical Specification to describe measures that ensure the preservation of the vehicles in the event of a fire.

Keel en

CEN/TS 45545-3:2009

Hind 166,00

Identne CEN/TS 45545-3:2009

Raudteealased rakendused. Raudteeveeremi tuleohutus. Osa 3: Nõuded tuletõkkebarjääride ja vaheseinte tulekindlusele

This part specifies the fire resistance requirements and testing methods for fire barriers for railway vehicles. The objective of the measures and requirements, specified in this part, is to protect passengers and staff in railway vehicles in the event of a developing fire on board. It is not within the scope of this part to describe measures that ensure the preservation of the vehicles in the event of a fire.

Keel en

CEN/TS 45545-4:2009

Hind 124,00

Identne CEN/TS 45545-4:2009

Raudteealased rakendused. Raudteeveeremi tuleohutus. Osa 4: Tuleohutusnõuded raudteeveeremi projekteerimisel

This part specifies fire safety requirements for railway vehicle design to cover the objectives defined in CEN/TS 45545-1. The measures and requirements specified in this part of the Technical Specification aim to protect passengers and staff in railway vehicles in the event of a fire on board by minimizing the risk of a fire starting, delaying the fire development and controlling the spread of fire products through the vehicle, thus aiding evacuation. It is not within the scope of this Technical Specification to describe measures which ensure the preservation of the vehicles in the event of a fire. This part is valid for railway vehicles defined in CEN/TS 45545-1.

Keel en

CEN/TS 45545-6:2009

Hind 135,00

Identne CEN/TS 45545-6:2009

Raudteealased rakendused. Raudteeveeremi tuleohutus. Osa 6: Tuleohutuse järelevalve ja juhtimissüsteemid

This part specifies requirements for fire detection, alarm systems, equipment shutdown, information and communication systems, emergency lighting, emergency brake systems and fire fighting systems to cover the objectives defined in CEN/TS 45545-1. The measures and requirements specified in this Technical Specification aim to protect passengers and staff in railway vehicles in the event of a fire on board by alerting staff and passengers to a fire, delaying the fire development and controlling the movement of smoke. It is not within the scope of this Technical Specification to describe measures that ensure the preservation of the vehicles in the event of a fire. This part is valid for railway vehicles defined in CEN/TS 45545-1.

Keel en

CEN/TS 45545-7:2009

Hind 135,00

Identne CEN/TS 45545-7:2009

Raudteealased rakendused. Raudteeveeremi tuleohutus. Osa 7: Tuleohutusnõuded põlevate vedelike ja gaaside seadmestikele

This part specifies requirements for flammable liquids and liquefied petroleum gas installations, e.g. for traction, auxiliary power units, heating or cooking, to cover the objectives defined in CEN/TS 45545-1. This part is not applicable to technical liquids themselves, e.g. hydraulic liquid, transformer oil, except where guidance is given as to dealing with spillages, leakage and spray generation. The measures and requirements specified in this Technical Specification aim to protect passengers and staff in railway vehicles by preventing a fire from occurring and spreading by leakage of flammable liquids or gases. It is not within the scope of this Technical Specification to describe measures for flammable gases, other than liquefied petroleum gases. It is not within the scope of this Technical Specification to describe measures that ensure the preservation of the vehicles in the event of a fire.

Keel en

CLC/TS 45545-5:2009

Hind 135,00

Identne CLC/TS 45545-5:2009

Raudteealased rakendused. Raudteeveeremi tuleohutus. Osa 5: Tuleohutusnõuded elektriseadmetele, kaasa arvatud trollibusside, rööbasbusside ja magnethõljukrongide elektriseadmed

This Part 5 specifies the fire safety requirements for electrical equipment on railway vehicles, including that of trolley buses, track guided buses and magnetic levitation vehicles. The measures and requirements, specified in this Technical Specification meet the objective of protecting passengers and staff in railway vehicles in the event of a fire on board by: – minimizing the risk of starting a fire both during operation and as a result of technical defect and/or malfunction of the electrical equipment; – ensuring that electrical emergency equipment continues to be available until evacuation is complete. It is not within the scope of this Technical Specification to describe measures which ensure the preservation of the electrical equipment in the event of a fire on board.

Keel en

Asendab CLC/TS 45545-5:2004

EVS-EN 13103:2009

Hind 229,00

Identne EN 13103:2009

Raudteealased rakendused. Rattapaarid ja pöördvankrid. Jõumasinata teljed. Projekteerimisjuhend

This standard: 1) defines the forces and moments to be taken into account with reference to masses and braking conditions; 2) gives the stress calculation method for axles with outside axle journals; 3) specifies the maximum permissible stresses to be assumed in calculations for steel grade EA1N defined in EN 13261; 4) describes the method for determination of the maximum permissible stresses for other steel grades; 5) determines the diameters for the various sections of the axle and recommends the preferred shapes and transitions to ensure adequate service performance. This standard is applicable to: 6) solid and hollow axles of railway rolling stock used for the transportation of passengers and freight; 7) axles defined in EN 13261; 8) all gauges³.

Keel en

Asendab EVS-EN 13103:2001

EVS-EN 13104:2009

Hind 229,00

Identne EN 13104:2009

Raudteelased rakendused. Rattapaarid ja pöördvankrid. Jõumasina teljed. Projekteerimismeetod

This standard: 1) defines the forces and moments to be taken into account with reference to masses, traction and braking conditions; 2) gives the stress calculation method for axles with outside axle journals; 3) specifies the maximum permissible stresses to be assumed in calculations for steel grade EA1N defined in EN 13261; 4) describes the method for determination of the maximum permissible stresses for other steel grades; 5) determines the diameters for the various sections of the axle and recommends the preferred shapes and transitions to ensure adequate service performance. This standard is applicable to: 6) solid and hollow powered axles for railway rolling stock; 7) solid and hollow non-powered axles of motor bogies; 8) solid and hollow non-powered axles of locomotives; 9) axles defined in EN 13261; 10) all gauges.

Keel en

Asendab EVS-EN 13104:2001

EVS-EN 13260:2009

Hind 209,00

Identne EN 13260:2009

Raudteelased rakendused. Rattapaarid ja pöördvankrid. Rattapaarid. Tootenõuded

This European Standard specifies the characteristics of new wheelsets for use on European networks: This standard is applicable to wheelsets comprising elements that conform to the following European Standards: - EN 13262 for wheels; - EN 13261 for axles; This standard is not fully applicable to wheelsets undergoing maintenance. Some characteristics are given as a function of a category 1 or of a category 2. Category 2 can be divided into sub-categories (2a and 2b) to specify certain characteristics. Category 1 is generally chosen when the operating speed exceeds 200 km/h. The wheelset then comprises wheels and axle of category 1 as specified in EN 13262 for the wheels and EN 13261 for the axles.

Keel en

Asendab EVS-EN 13260:2003

EVS-EN 13261:2009

Hind 256,00

Identne EN 13261:2009

Raudteelased rakendused. Rattapaarid ja pöördvankrid. Teljed. Tootenõuded

This European Standard specifies the characteristics of axles for use on European networks. It defines characteristics of forged or rolled solid and hollow axles, made from vacuum-degassed steel grade EA1N1 that is the most commonly used grade on European networks. For hollow axles, this standard applies only to those that are manufactured by machining of a hole in a forged or rolled solid axle. In addition, the particular characteristics for axles in grade EA1T1 and EA4T1 are given in Annex A. Two categories of axle are defined, category 1 and category 2. Generally, category 1 is chosen when the operational speed is higher than 200 km/h. This standard is applicable to axles that are designed in accordance with the requirements of EN 13103 and EN 13104.

Keel en

Asendab EVS-EN 13261:2004

EVS-EN 14865-1:2009

Hind 166,00

Identne EN 14865-1:2009

Raudteelased rakendused. Teljelaagripüksides kasutatavad määrdeained. Osa 1: Meetod määrimisvõime katsetamiseks

This European Standard specifies a testing method and sets the acceptance criteria for the determining of the lubrication ability of lubricating greases intended for the lubrication of axlebox bearings. The lubricating ability, primarily related to the capability of lubricating greases to protect against wear, is determined in a roller bearing lubricant test rig. Wear of the rolling bearing rollers, the frictional behaviour and temperature during the test are used to discriminate between lubricating greases.

Keel en

EVS-EN 15437-1:2009

Hind 178,00

Identne EN 15437-1:2009

Raudteelased rakendused. Teljelaagripükside seisundi jälgimine. Ühilduvus ja projekteerimisnõuded. Osa 1 Veeremi teljelaagrite ülekuumenemise avastamise seaded ja veeremi teljelaagripüks

This part of EN15437 defines the minimum characteristics for the interface between a trackside Hot Axlebox Detector (HABD) and Rolling Stock (RST) that comply with the European Directives for Interoperability to ensure that the minimum functional requirement of the interface is achieved. The minimum requirements of the interface apply to: a) Rolling stock conforming to standard European railway gauge, that is 1435mm; b) Rolling stock axles fitted with outboard bearings; c) Rolling stock with a maximum operational speed of up to and including 250 km/h; d) Trackside HABDs that are required to monitor conventional rail and class 2 high speed rail rolling stock.

Keel en

EVS-EN 15551:2009

Hind 271,00

Identne EN 15551:2009

Raudteelased rakendused. Raudteeveerem. Puhvrid

This European Standard defines the requirements for buffers with 105 mm, 110 mm and 150 mm stroke for vehicles or units which use buffers and screw coupling at the coupling interface with other interoperable rolling stock. It covers the functionality, interfaces and testing procedures, including pass fail criteria, for buffers.

Keel en

EVS-EN 15595:2009

Hind 271,00

Identne EN 15595:2009

Raudteealased rakendused. Pidurdamine. Ratta liugumise ennetusseadmed

This European Standard specifies the minimum criteria for system acceptance/type approval of a new wheel slide protection system and implementation of accepted WSP to specific vehicle applications and route requirements, as well as requirements for wheel rotation monitoring (WRM).. This includes the design, testing and quality assessment of the WSP system and its components. This European Standard is applicable to wheel slide protection systems for pneumatic braking systems without taking the type of vehicles and track-gauge into consideration. The general principles of this standard can also apply as a reference for other types of braking systems and other kinds of railway vehicles. The system is designed to control the sliding of wheels of railway vehicles during braking under degraded adhesion conditions to prevent wheel damage and to minimize the extension of the stopping distance under degraded adhesion conditions by optimizing the available adhesion between wheel and rail. This European Standard does not apply to the following categories of vehicles: 1) tramways; 2) light railways; 3) metros on steel wheels; 4) metros on rubber tyred wheels.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**CLC/TS 45545-5:2004**

Identne CLC/TS 45545-5:2004

Railway applications – Fire protection on railway vehicles Part 5: Fire safety requirements for electrical equipment including that of trolley buses, track guided buses and magnetic levitation vehicles

This Technical Specification specifies the fire safety requirements for electrical equipment on railway vehicles, including that of trolley buses, track guided buses and magnetic levitation vehicles. The measures and requirements, specified in this Technical Specification meet the objective of protecting passengers and staff in railway vehicles in the event of a fire on board by: - minimising the risk of starting a fire both during operation and as a result of technical defect and/or malfunction of the electrical equipment; - ensuring that electrical emergency equipment continues to be available until evacuation is complete. It is not within the scope of this Technical Specification to describe measures which ensure the preservation of the electrical equipment in the event of a fire on board.

Keel en

Asendatud CLC/TS 45545-5:2009

EVS-EN 13103:2001

Identne EN 13103:2001

Railway applications - Wheelsets and bogies - Non-powered axles - Design method

This standard : -defines the forces and moments to be taken into account with reference to masses and breaking conditions; -gives the stress calculation method for axles with outside axle-journals; -defines the maximum permissible stresses to be assumed in calculations, for steel grade EA1N defined in prEN 13261:1998; -describes how to obtain the maximum permissible stresses for other steel grades; -determines the diameters for the various sections of the axle. The preferred shapes and transitions are identified to ensure adequate service performance.

Keel en

Asendatud EVS-EN 13103:2009

EVS-EN 13104:2001

Identne EN 13104:2001

Railway applications - Wheelsets and bogies - Powered axles - Design method

This standard: - defines the forces and moments to be taken into account with reference to masses, traction and breaking conditions; - gives the stress calculation method for axles with outside axle-journals; - specifies the maximum permissible stresses to be assumed in calculations, for steel grade EA1N defined in prEN 13261:1998; - describes how to obtain the maximum permissible stresses for other steel grades; -determines the diameters for the various sections of the axle. The preferred shapes and transitions are identified to ensure adequate service performance.

Keel en

Asendatud EVS-EN 13104:2009

EVS-EN 13260:2003

Identne EN 13260:2003

Raudteealased rakendused. Rattapaarid ja veermikud. Rattapaarid. Tootenõuded

This European Standard specifies the characteristics of new wheelsets for use on European networks: This standard is applicable to wheelsets comprising elements that conform to the following European Standards: - prEN 13262 for wheels; - prEN 13261 for axles; - EN 12080 for axlebox rolling bearings

Keel en

Asendatud EVS-EN 13260:2009

EVS-EN 13261:2004

Identne EN 13261:2003

Railway applications - Wheelsets and bogies - Axles - Product requirements

This European Standard specifies the characteristics of axles for use on European networks. It defines characteristics of forged or rolled solid and hollow axles, made from vacuum-degassed steel grade EA1N1) that is the most commonly used grade on European networks. For hollow axles, this standard applies only to those that are manufactured by machining of a hole in a forged or rolled solid axle

Keel en

Asendatud EVS-EN 13261:2009

KAVANDITE ARVAMUSKÜSITLUS

prEN 50159

Identne prEN 50159:2009

Tähtaeg 29.06.2009

Raudteelased rakendused. Side-, signalisatsiooni- ja andmetöötluse süsteemid. Osa 1: Ohutusega seotud teabeedastus suletud ülekandesüsteemides

This European Standard is applicable to safety-related electronic systems using for communication purposes a transmission system which was not necessarily designed for safety-related applications and which is either – under the control of the designer and fixed during life time, or – partly unknown or not fixed, however unauthorised access can be excluded, or – not under the control of the designer, that means that also unauthorised access has to be regarded. Both safety-related equipment and non safety-related equipment can be connected to the transmission system. This standard gives the basic requirements needed to achieve safety-related communication between safety-related equipment connected to the transmission system. This European Standard is applicable to the safety requirement specification of the safety-related equipment, connected to the transmission system, in order to obtain the allocated safety integrity requirements.

Keel en

Asendab EVS-EN 50159-1:2002; EVS-EN 50159-2:2002

49 LENNUNDUS JA KOSMOSETEHNIKA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 1915-1:2001+A1:2009

Hind 243,00

Identne EN 1915-1:2001+A1:2009

Õhusõidukite maapealsed teenindusseadmed . Üldnõuded. Osa 1: Põhilised ohutusnõuded KONSOLIDEERITUD TEKST

This Part of EN 1915 applies to GSE when used in civil air transport as intended by the manufacturer and contains safety requirements relating to the equipment in general.

Keel en

Asendab EVS-EN 1915-1:2001

EVS-EN 1915-2:2001+A1:2009

Hind 198,00

Identne EN 1915-2:2001+A1:2009

Õhusõidukite maapealsed teenindusseadmed . Üldnõuded. Osa 2: Stabiilsuse ja tugevusnõuded, arvutused ja katsemeetodid

This Part of EN 1915 specifies the conditions to be taken into consideration when calculating the strength and the stability of GSE according to IEN 1915-1" and the EN 12312 series under intended use conditions. It also specifies general test methods.

Keel en

Asendab EVS-EN 1915-2:2001

EVS-EN 1915-3:2004+A1:2009

Hind 145,00

Identne EN 1915-3:2004+A1:2009

Õhusõidukite maapealsed teenindusseadmed. Üldnõuded. Osa 3: Vibratsiooni mõõtmise meetodid ja vähendamine KONSOLIDEERITUD TEKST

This European Standard deals with whole body vibration as a significant hazard. It also specifies the methods for determining the vibration emission transmitted to the whole body of drivers standing and/or seated on freely moveable GSE, when driving for purposes of type evaluation, declaration and methods of verifying vibration emission. The test results are not applicable to the determination of whole body vibration exposure of persons. This European Standard is intended to be used in conjunction with the other parts of EN 1915, and with the relevant part of EN 12312.

Keel en

Asendab EVS-EN 1915-3:2004

EVS-EN 2205:2009

Hind 80,00

Identne EN 2205:2009

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

EVS-EN 2543:2009

Hind 80,00

Identne EN 2543:2009

Aerospace series - Steel FE-PL1502 (25CrMo4) - Annealed - Sheet and strip - 0,3 mm ≤ a ≤ 2 mm - For prevailing torque nuts

This standard specifies the requirements relating to: Steel FE-PL1502 (25CrMo4) Annealed Sheet and strip 0,3 mm ≤ a ≤ 2 mm For prevailing torque nuts for aerospace applications.

Keel en

EVS-EN 3155-074:2009

Hind 114,00

Identne EN 3155-074:2009

Aerospace series - Electrical contacts used in elements of connection - Part 074: Contacts, electrical, quadrax, size 8, male, type E, crimp, class R - Product standard

This standard specifies the required characteristics, tests and tooling applicable to male electrical quadrax contacts, shielded, size 8, type E, crimp, class R, used in elements of connection according to EN 3155-002. It shall be used together with EN 3155-001. The associated female contacts are defined in EN 3155-075.

Keel en

EVS-EN 3155-075:2009

Hind 114,00

Identne EN 3155-075:2009

Aerospace series - Electrical contacts used in elements of connection - Part 075: Contacts, electrical, quadrax, size 8, female, type E, crimp, class R - Product standard

This standard specifies the required characteristics, tests and tooling applicable to female electrical quadrax contacts, shielded, size 8, type E, crimp, class R, used in elements of connection according to EN 3155-002. It shall be used together with EN 3155-001. The associated male contacts are defined in EN 3155-074.

Keel en

EVS-EN 3330:2009

Hind 80,00

Identne EN 3330:2009

Aerospace series - Steel FE-PL1503 (35CrMo4) - Annealed - Bar and wire - De ≤ 40 mm - For prevailing torque nuts

This standard specifies the requirements relating to: Steel FE-PL1503 (35CrMo4) Annealed Bar and wire De ≤ 40 mm For prevailing torque nuts for aerospace applications.

Keel en

EVS-EN 3373-002:2009

Hind 80,00

Identne EN 3373-002:2009

Aerospace series - Terminal lugs and in-line splices for crimping on electric conductors - Part 002: General and list of product standard

This standard provides a list of all parts of EN 3373 required for the production of crimp connections.

Keel en

EVS-EN 3373-014:2009

Hind 92,00

Identne EN 3373-014:2009

Aerospace series - Terminal lugs and in-line splices for crimping on electric conductors - Part 014: In-line splices, insulated and sealed, for crimping on copper conductors, temperature up to 200 °C - Product standard

This standard defines the characteristics of sealed, insulated, nickel plated, in-line splices for crimping on nickel plated copper conductors. They may be used at temperatures up to 200 °C maximum on nickel plated conductors with insulation rated for at least 135 °C. This standard shall be used in conjunction with EN 3373-001.

Keel en

EVS-EN 3375-008:2009

Hind 114,00

Identne EN 3375-008:2009

Aerospace series - Cable, electrical, for digital data transmission- Part 008: Single braid - Star Quad 100 ohms - Type KD -Product standard

This standard specifies the dimensions, tolerances, required characteristics and the mass of an AWG 24 shielded quad cable, type KD, intended for high speed (100 Mbit/s) full duplex Ethernet networks. Linked to this particular application, the operating temperatures of the cable are between - 65 °C and 125 °C. This cable is laser markable, this marking satisfies the requirements of EN 3838. The characteristics impedance must be (100 ± 15) Ω.

Keel en

EVS-EN 3375-009:2009

Hind 105,00

Identne EN 3375-009:2009

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

EVS-EN 3389:2009

Hind 155,00

Identne EN 3389:2009

Aerospace series - Fasteners, externally threaded, in heat resisting nickel base alloy NI-PH1302 (Waspaloy) - Classification: 1 210 MPa/730 °C - Manufacturing method optional - Technical specification

This standard specifies the technical and quality assurance requirements for externally threaded fasteners in material NI-PH1302 (Waspaloy) of tensile strength class 1 210 MPa at room temperature, maximum test temperature of material 730 °C. The externally threaded fasteners specified herein may be manufactured by machining from bar or by forging at the manufacturers option, if forged there is no requirement for control of grainflow. Primarily for Aerospace applications, it is applicable to such externally threaded fasteners when referenced on the product standard or drawing.

Keel en

EVS-EN 3475-417:2009

Hind 92,00

Identne EN 3475-417:2009

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 417: Fire resistance of cables confined inside a harness

This standard specifies a method of testing the fire resistance of fire resistance or fire-proof electrical cables inside a harness. The objective of this test is to qualify these cables when they are confined inside harnesses defined hereafter. Described configurations try to be representative of various cables configuration installed in Aircraft. It shall be used together with EN 3475-100.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 1915-2:2001**

Identne EN 1915-2:2001

Õhusõidukite maapealsed teenindusseadmed . Üldnõuded. Osa 2: Stabiilsuse ja tugevusnõuded, arvutused ja katsemeetodid

This Part of EN 1915 specifies the conditions to be taken into consideration when calculating the strength and the stability of GSE according to EN 1915-1:2001 and the EN 12312 series under intended use conditions. It also specifies general test methods.

Keel en

Asendatud EVS-EN 1915-2:2001+A1:2009

EVS-EN 1915-1:2001

Identne EN 1915-1:2001

Õhusõidukite maapealsed teenindusseadmed . Üldnõuded. Osa 1: Põhilised ohutusnõuded

This Part of EN 1915 applies to GSE when used in civil air transport as intended by the manufacturer and contains safety requirements relating to the equipment in general.

Keel en

Asendatud EVS-EN 1915-1:2001+A1:2009

EVS-EN 1915-3:2004

Identne EN 1915-3:2004

Õhusõidukite maapealsed teenindusseadmed. Üldnõuded. Osa 3: Vibratsiooni mõõtmise meetodid ja vähendamine

This Part of EN 1915 deals with vibration reduction as a safety requirement. It also specifies the methods for determining the vibration emission transmitted to the whole body of drivers standing and/or seated on freely moveable GSE, when driving for purposes of type evaluation, declaration and methods of verifying vibration emission.

Keel en

Asendatud EVS-EN 1915-3:2004+A1:2009

KAVANDITE ARVAMUSKÜSITLUS

FprEN 3733-001

Identne FprEN 3733-001:2009

Tähtaeg 29.06.2009

Single way circular connector for 200/280 optical fibres with self-locking screw coupling operating - Temperatures - 65 °C to 150 °C - 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 self-locking ring coupling, single channel, circular fibre-optic connectors intended for operating temperatures up to 150 °C for aerospace applications.

Keel en

FprEN 3745-506

Identne FprEN 3745-506:2009

Tähtaeg 29.06.2009

Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 506: Impact resistance

This standard specifies a method to determine the ability of an optical fibre or cable to withstand impact under specified environmental conditions.

Keel en

FprEN 9100

Identne FprEN 9100:2009

Tähtaeg 29.06.2009

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

This International Standard specifies requirements for a quality management system where an organization a) needs to demonstrate its ability to consistently provide product that meets customer and applicable statutory and regulatory requirements, and b) aims to enhance customer satisfaction through the effective application of the system, including processes for continual improvement of the system and the assurance of conformity to customer and applicable statutory and regulatory requirements.

Keel en

Asendab EVS-EN 9100:2003

53 TÕSTE- JA TEISALDUS-SEADMED

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 1398:2009

Hind 209,00

Identne EN 1398:2009

Platvormi kõrguse ühtlustid. Ohutusnõuded

See standard kehtib platvormi kõrguse ühtlustid arvutuste, konstrueerimise, valmistamise, ohutusseadmete, paigaldamise, kasutamise, hooldamise ja katsetamise kohta, välja arvatud merendus- ja lennundusvaldkonnas kasutatavad platvormi kõrguse ühtlustid, tõsteplatvormid ning veokile paigaldatud püraluuktõstukid.

Keel en

Asendab EVS-EN 1398:1999

EVS-EN 13001-2:2005+A2:2009

Hind 256,00

Identne EN 13001-2:2004+A2:2009

Kraanad. Üldine ehitus. Osa 2: Koormus efektid KONSOLIDEERITUD TEKST

This European Standard is to be used together with Part 1 and Part 3 and as such they specify general conditions, requirements and methods to prevent hazards of cranes by design and theoretical verification. Part 3 is only at pre-drafting stage; the use of Parts 1 and 2 is not conditional to the publication of Part 3. NOTE Specific requirements for particular types of crane are given in the appropriate European Standard for the particular crane type. The following is a list of significant hazardous situations and hazardous events that could result in risks to persons during normal use and foreseeable misuse. Clause 4 of this standard is necessary to reduce or eliminate the risks associated with the following hazards: a) Rigid body instability of the crane or its parts (tilting and shifting). b) Exceeding the limits of strength (yield, ultimate, fatigue). c) Elastic instability of the crane or its parts (buckling, bulging). d) Exceeding temperature limits of material or components. e) Exceeding the deformation limits. This European Standard is applicable to cranes which are manufactured after the date of approval by CEN of this standard and serves as reference base for the European Standards for particular crane types.

Keel en

Asendab EVS-EN 13001-2:2005; EVS-EN 13001-2:2005/A1:2006

EVS-EN 13155:2003+A2:2009

Hind 271,00

Identne EN 13155:2003+A2:2009

Kraanad. Ohutus. Kinnitusea koormuse tõstmise vahendid KONSOLIDEERITUD TEKST

This European Standard specifies safety requirements for the following non-fixed load lifting attachments for cranes, hoists and manually controlled load manipulating devices: - plate clamps; - vacuum lifters; - self priming, - non-self priming (pump, venturi, turbine); - electric lifting magnets (battery fed and mains-fed); - permanent lifting magnets; - electro-permanent lifting magnets; - lifting beams; - C-hooks; - lifting forks; - clamps;

Keel en

Asendab EVS-EN 13155:2003

EVS-EN 15512:2009

Hind 356,00

Identne EN 15512:2009

Steel static storage systems - Adjustable pallet racking systems - Principles for structural design

This European Standard specifies the structural design requirements applicable to all types of adjustable beam pallet rack systems fabricated from steel members intended for the storage of unit loads and subject to predominantly static loads. Both un-braced and braced systems are included. This European Standard gives guidelines for the design of clad rack buildings where requirements are not covered in EN 1993. The requirements of this European Standard also apply to ancillary structures, where rack components are employed as the main structural members. This European Standard does not cover other generic types of storage structures. Specifically, this European Standard does not apply to mobile storage systems, drive-in, drive-through and cantilever racks or static steel shelving systems, nor does this European Standard establish specific design rules for the assessment of racking in seismic areas.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 1398:1999**

Identne EN 1398:1997

Platvormi kõrguse ühtlustid

See standard kehtib platvormi kõrguse ühtlusti arvutuste, konstrueerimise, valmistamise, ohutusseadmete, paigaldamise, kasutamise, hooldamise ja katsetamise kohta, välja arvatud merendus- ja lennundusvaldkonnas kasutatavad platvormi kõrguse ühtlustid, tõsteplatvormid ning veokile paigaldatud päraluuktõstukid.

Keel en

Asendatud EVS-EN 1398:2009

EVS-EN 13001-2:2005

Identne EN 13001-2:2004+AC:2006

Kraana ohutus. Üldine ehitus. Osa 2: Koormus efektid

This European Standard is to be used together with Part 1 and Part 3 and as such they specify general conditions, requirements and methods to prevent hazards of cranes by design and theoretical verification. Part 3 is only at pre-drafting stage; the use of Parts 1 and 2 is not conditional to the publication of Part 3.

Keel en

Asendatud EVS-EN 13001-2:2005+A2:2009

EVS-EN 13001-2:2005/A1:2006

Identne EN 13001-2:2004/A1:2006

Kraana ohutus. Üldine ehitus. Osa 2: Koormus efektid

This European Standard is to be used together with Part 1 and Part 3 and as such they specify general conditions, requirements and methods to prevent hazards of cranes by design and theoretical verification. Part 3 is only at pre-drafting stage; the use of Parts 1 and 2 is not conditional to the publication of Part 3.

Keel en

Asendatud EVS-EN 13001-2:2005/A1:2006

EVS-EN 13155:2003

Identne EN 13155:2003

Kraanad. Ohutus. Kinnitusea koormuse tõstmise vahendid

This European Standard specifies safety requirements for the following non-fixed load lifting attachments for cranes, hoists and manually controlled load manipulating devices: - plate clamps;- vacuum lifters;- self priming,- non-self priming (pump, venturi, turbine);- electric lifting magnets (battery fed and main-fed);- permanent lifting magnets;- electro-permanent lifting magnets;- lifting beams;- C-hooks;- lifting forks;- clamps; defined in clause 3

Keel en

Asendatud EVS-EN 13155:2003+A2:2009

EVS-EN 13155:2003/A1:2005

Identne EN 13155:2003/A1:2005

Kraanad. Ohutus. Kinnitusea koormuse tõstmise vahendid

This European Standard specifies safety requirements for the following non-fixed load lifting attachments for cranes, hoists and manually controlled load manipulating devices: - plate clamps;- vacuum lifters;- self priming,- non-self priming (pump, venturi, turbine);- electric lifting magnets (battery fed and main-fed);- permanent lifting magnets;- electro-permanent lifting magnets;- lifting beams;- C-hooks;- lifting forks;- clamps;-defined in clause 3

Keel en

Asendatud EVS-EN 13155:2003+A2:2009

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TR 14310:2002

Hind 114,00

Identne CEN/TR 14310:2002

Freight transportation services – Declaration and reporting of environmental performance in freight transport chains

This Technical Report is a guideline for preparing environmental declarations and reporting. The guideline recommends the content and structure for documentation and evaluation of environmental performance in freight transportation. The guideline is applicable to freight transport purchasers and freight transport operators. Reliability and trustworthiness are essential to the use and acceptance of eco reporting. When specific data is not available it is therefore paramount to use commonly acknowledged data. The calculations and results should be presented in a transparent and true way that aids the evaluation of the environmental performance of a given freight transport. As a rule of thumb, it can be said that when the method, used for calculating the energy consumption and emissions for one customer, is extended to all the customers of a transport company, then all transport related energy consumption and emissions from that transport company should be accounted for.

Keel en

EVS-EN 15653:2009

Hind 68,00

Identne EN 15653:2009

Packaging - Flexible aluminium tubes - Test method to check the resistance of the internal protective coating against ammonia

The ammonia test is a quick test to check the chemical resistance of the internal protective coating of aluminium tubes. The test is used for flexible aluminium tubes for ammonia containing fillings and as an introductory test for newly developed internal protective coatings.

Keel en

EVS-EN ISO 9100-14:2005/AC:2009

Hind 0,00

Identne EN ISO 9100-14:2005/AC:2009

ja identne ISO 9100-14:2005/Cor.1:2008

Glass containers - Vacuum lug finishes - Part 14: 110 regular

Keel en

KAVANDITE ARVAMUSKÜSITLUS

FprEN 13029

Identne FprEN 13029:2009

Tähtaeg 29.06.2009

Packaging - Light-gauge metal packaging - Apertures for plug-in plastic closures

This European Standard specifies the dimensions and profile of the aperture for plug-in plastic closures used in round and non-round metal containers of nominal wall thickness equal to or less than 0,49 mm.

Keel en

Asendab EVS-EN 13029:2001

59 TEKSTIILI- JA NAHATEHNOLOOGIA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 15618:2009

Hind 105,00

Identne EN 15618:2009

Rubber- or plastic-coated fabrics - Upholstery fabrics - Classification and methods of test

This standard specifies a set of properties relevant to the assessment of upholstery coated fabrics for indoor furniture and the appropriate test methods to determine these properties. It also describes a matrix system to express the material properties of an upholstery fabric. This standard applies to upholstery fabrics both in domestic and public use, except when used for the seats of road or railway vehicles, boats or aeroplanes. This standard applies to upholstery fabrics with a coating on the wear face. This standard does not apply to textile upholstery fabrics covered by EN 14465.

Keel en

EVS-EN ISO 10548:2003/AC:2009

Hind 0,00

Identne EN ISO 10548:2003/AC:2009

ja identne ISO 10548:2002/Cor.1:2008

Süsinikkiud. Metisisalduse määramine

Keel en

EVS-EN ISO 15797:2004/AC:2004

Hind 0,00

Identne EN ISO 15797:2004/AC:2004

ja identne ISO 15797:2002/Cor.1:2004

Textiles - Industrial washing and finishing procedures for testing of workwear

Keel en

KAVANDITE ARVAMUSKÜSITLUS

EN 13112:2002/FprA1

Identne EN 13112:2002/FprA1:2009

Tähtaeg 29.06.2009

Nahaparkimismasinad. Lõhkumis- ja lintnoapügamismasinad. Ohutusnõuded

This European Standard specifies safety requirements for design, construction, operation, adjustment, setting, cleaning and maintenance of - splitting machines (see figures 1, 2) for limed hides and skins, wet blue and dry materials, - bandknife shearing machines (see figures 3, 4, 5, 6) used in the splitting and shearing of leather and synthetic materials. This standard takes account of intended use, foreseeable misuse, component and systems failure. The machines are for fixed installation. This European Standard applies to the machines manufactured after its date of issue. All the significant hazards listed in clause 4 are safeguarded by the requirements included in clause 5 except dust and fire. For these hazards general guidelines are proposed in normative annex A. Designers and manufacturers shall verify directly that the methods adopted to reduce these hazards have been successful. This standard does not establish any requirements for electromagnetic disturbances.

Keel en

EN 13114:2002/FprA1

Identne EN 13114:2002/FprA1:2009

Tähtaeg 29.06.2009

Nahaparkimismasinad. Pöördprotsessi anumad. Ohutusnõuded

This European standard specifies safety requirements for design, construction, operation, adjustment, stting, cleaning and maintenance of a machine. This standard covers the following machines: a) horizontal rotating vessels; b) inclined rotating vessels. This standard does not apply to machines using substances containing solvent, that would generate fume and/or vapour detrimental to health, or that may lead to fire or explosive atmosphere.

Keel en

prEN 15930

Identne prEN 15930:2009

Tähtaeg 29.06.2009

Fibres - Elasticity of fibres - Test methods

This test method covers the determination of the elasticity of fibres. It is applicable to single man-made crimped and uncrimped fibres.

Keel en

65 PÖLLUMAJANDUS**UUED STANDARDID JA PUBLIKATSIOONID****CEN/TS 15705:2009**

Hind 166,00

Identne CEN/TS 15705:2009

Fertilizers - Determination of urea condensates using high-performance liquid chromatography (HPLC) -Isobutylidenediurea and crotonylidenediurea (method A) andmethylen-urea oligomers (method B)

This document specifies methods for the determination of isobutylidenediurea (IBDU), crotonylidenediurea (CDU) (method A) and methylene-urea oligomers (MU) (method B) in fertilizers using high-performance liquid chromatography (HPLC). The method is applicable for all fertilizers which do not contain interfering organic compounds.

Keel en

EVS-EN 1993-4-1:2007/AC:2009

Hind 0,00

Identne EN 1993-4-1:2007/AC:2009

Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 4-1: Puistemahutid.

Keel en

EVS-EN 12733:2002+A1:2009

Hind 295,00

Identne EN 12733:2001+A1:2009

Põllumajandus- ja metsatöömasinad. Järealkõnniniidukid. Ohutus KONSOLIDEERITUD TEKST

This standard specifies safety requirements and their verification for design and construction of pedestrian controlled motor mowers with rotary or reciprocating cutting blades used in agricultural, forestry and landscaping to cut and/or mulch grass or similar plants or scrub and woody vegetation. For the purposes of this standard the following types of pedestrian controlled machines are considered to be motor mowers: - flail mowers; - grassland mowers; - scrub clearing machines; - sickle bar mowers. This standard applies also to multipurpose machines when are used for cutting or mulching grass or scrub. This standard does not cover lawn mowers (see EN 836), engine driven brush cutters and grass trimmers (see EN ISO 11806) or other lawn maintenance equipment. This standard describes methods for the elimination or reduction of hazards arising from the use of motor mowers. Additionally, it specifies the type of information to be provided by the manufacturer on safe working practices. Environmental aspects have not been considered in this standard. This standard applies primarily to machines which are manufactured after the date of issue of the standard.

Keel en

Asendab EVS-EN 12733:2002

EVS-EN 14930:2007+A1:2009

Hind 124,00

Identne EN 14930:2007+A1:2009

Põllumajandusmasinad ja metsamajandusmasinad ja aiapidamiseseadmed. Kõndimisel juhitud ja käes kantavad masinad. Masina kuumadele osadele ebasoovitava juurdepääsu kindlaksmääramine KONSOLIDEERITUD TEKST

This European Standard specifies a method for combustion engine driven pedestrian controlled and hand-held machines with or without back pack power unit used in agriculture, forestry and gardening to determine those parts of the surfaces identified by the product specific standards that are hot surfaces and can be touched unintentionally by an operator during normal operation. This European Standard is only applicable together with product specific standards for the categories of machines specified above. This European Standard does not specify which surfaces shall be assessed.

Keel en

Asendab EVS-EN 14930:2007

EVS-EN 15238:2007/AC:2009

Hind 0,00

Identne EN 15238:2006/AC:2009

Soil improvers and growing media - Determination of quantity for materials with particle size greater than 60 mm

Keel en

EVS-EN 15741:2009

Hind 178,00

Identne EN 15741:2009

Animal feeding stuffs - Determination of OC-pesticides and PCB's by GC/MS

This European Standard specifies a gas chromatographic/mass spectrometric method for the determination of organochlorine pesticides (OC's) and polychlorinated biphenyls (PCBs) in animal feeding stuffs and oil. The method is applicable to animal feeding stuffs with a water content up to about 20 wt% and oil/fatty samples containing residues of one or more of the following OC's and PCBs and some of their isomers and degradation products: - Aldrin; - Dieldrin; - Chlordane (= sum of Chlordane isomers and Oxychlordane); - DDT (= sum of isomers op'-DDT, pp'-DDT, pp'-TDE (pp'-DDD), and pp'-DDE); - Endosulfan (sum of α -/ β -isomers and Endosulfan-sulphate); - Endrin; - Heptachlor (= sum of Heptachlor and β -Heptachlorepoide); - Hexachlorobenzene (HCB); - Hexachlorocyclohexane isomers α -HCH (α -BHC), β -HCH (β -BHC), γ -HCH (γ -BHC or lindane); - PCB 28, 52, 101, 138, 153 and 180 ("Indicator PCBs") and PCB 198, 209.

Keel en

EVS-EN 15742:2009

Hind 166,00

Identne EN 15742:2009

Animal feeding stuffs - Determination of OC-pesticides and PCB's by GC/ECD

This European Standard specifies a gas chromatographic method with electron capture detection (ECD) for the determination of organochlorine pesticides (OC's) and polychlorinated biphenyls (PCBs) in animal feeding stuffs. The method is applicable to animal feeding stuffs with a water content up to about 20 wt% and oil/fatty samples containing residues of one or more of the following OC's, PCBs, toxaphene and some of their isomers and degradation products: - Aldrin; - Dieldrin; - Chlorocamphene (Toxaphene); - Chlordane (= sum of Chlordane isomers and Oxychlordane); - DDT (= sum of isomers op'-DDT, pp'-DDT, pp'-TDE (pp'-DDD), and pp'-DDE); - Endosulfan (sum of α -/ β -isomers and Endosulfan-sulphate); - Endrin; - Heptachlor (= sum of Heptachlor and β -Heptachlorepoide); - Hexachlorobenzene (HCB); - Hexachlorocyclohexane isomers α -HCH (α -BHC), β -HCH (β -BHC), γ -HCH (γ -BHC or lindane); - PCB 28, 52, 101, 138, 153 and 180 ("Indicator PCBs") and PCB 198, 209. The limit of quantification for the mentioned organochlorine pesticides and PCBs is 5 ng/g in general. However, 10 ng/g applies for Heptachlor, Aldrin, Endrin, Dieldrin, and Endosulfan (α -, β - and sulphate). Individual laboratories are responsible to ensure that the equipment they used will achieve these limits of quantifications.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 1152:1999**

Identne EN 1152:1994

Põllumajandus- ja metsatöötraktorid ja -masinad. Kardaantvõllikaitset. Kulumis- ja tugevuskatsed

Käesolev standard sätestab katsemeetodid ja aktsepteerimise kriteeriumid jaotises 2 määratletud mittepöörlevate kardaantvõllikaitsete kulumise, tugevuse ja vastupidavuse kindlaksmääramiseks.

Keel et

Asendatud EVS-EN ISO 5674:2004

EVS-EN 12733:2002

Identne EN 12733:2001 + AC:2003

Põllumajandus- ja metsatöömasinad. Järeldõnniniidukid. Ohutus

This European Standard specifies safety requirements and their verification for design and construction of pedestrian controlled motor mowers with rotary or reciprocating cutting blades used in agricultural, forestry and landscaping to cut and/or mulch grass or similar plants or scrub and woody vegetation.

Keel en

Asendatud EVS-EN 12733:2002+A1:2009

EVS-EN 14930:2007

Identne EN 14930:2007

Põllumajandusmasinad ja metsamajandusmasinad ja aiapidamiseseadmed. Köndimisel juhitud ja käes kantavad masinad. Masina kuumadele osadele ebasoovitava juurdepääsu kindlaksmääramine

This European Standard specifies a method for combustion engine driven pedestrian controlled and handheld machines with or without back pack power unit used in agriculture, forestry and gardening to determine those parts of the surfaces identified by the product specific standards that are hot surfaces and can be touched unintentionally by an operator during normal operation.

Keel en

Asendatud EVS-EN 14930:2007+A1:2009

KAVANDITE ARVAMUSKÜSITLUS**EN 786:2005/FprA2**

Identne EN 786:1996/FprA2:2009

Tähtaeg 29.06.2009

Aiapidamiseseadmed. Eeslõukatavad ja käeshoitudavad elektriagamiga murutrimmerid ja muruservatrimmerid. Mehaaniline ohutus

Käesolev Euroopa standard määrab kindlaks konstruktsioonile ning tarindusele esitatavad mehaanilise ohutuse nõuded ning testimiskorra eeslõukatavate ja käeshoitudavate elektriagamiga murutrimmerite ja muruservatrimmerite suhtes, mida kasutatakse püsti seistes peamiselt rohu niitmiseks ning millel on mittemetalsest kiust (tamiilist) lõikeelemendid või vabalt pöörlev(ad) mittemetallne (-metalsed) lõikur(id), millest ühegi kineetilise energia ei ületa 10 J.

Keel en

EN 1853:2002/FprA1

Identne EN 1853:1999/FprA1:2009

Tähtaeg 29.06.2009

Põllumajandusmasinad. Kallurhaagised. Ohutus

Käesolev standard määrab kindlaks (spetsifitseerib) eriomased (spetsiifilised) ohutusnõuded ning nende kontrollimise korra põllumajanduslike kallurkastiga täis- ja poolhaagiste konstrueerimiseks ja valmistamiseks, kusjuures põllumajandushaagise mõiste viitab veokile, mida põllumajanduses kasutatakse üksnes vedudeks ning mis konstruktsioonist tulenevalt on kohandatav ja ette nähtud traktoriga või põllumajandusliku liikurmasinaga vedamiseks. Käesolev standard ei ole rakendatav eemaldatava veokastiga haagistele. Lisaks esitab see standard näidisteabe tootja poolt ette nähtud ohutute töötamistavade kohta. Käesolevas standardis käsitletud oluliste ohtude nimestik on toodud lisas A. Lisa A näitab ka ohud, mida ei ole käsitletud.

Keskkonnanäppesid ei ole käesolevas standardis arvesse võetud. Käesolev standard kehtib peamiselt nendele masinatele, mis on valmistatud pärast standardi väljaandmise kuupäeva.

Keel en

EN 13448:2002/FprA1

Identne EN 13448:2001/FprA1:2009

Tähtaeg 29.06.2009

Põllumajandus- ja metsatöömasinad.**Reasniitmismehhanismid. Ohutus**

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

Keel en

EN 13525:2005+A1:2007/prA2

Identne EN 13525:2005/prA2:2009

Tähtaeg 29.06.2009

Metsandusmasinad. Puiduhakkurid. Ohutus

This document specifies safety requirements and their verification for design and construction of transportable, i.e. self-propelled, mounted, semi-mounted and trailed, wood chippers used in forestry, agriculture, horticulture and landscaping.

Keel en

EN 14018:2005/FprA1

Identne EN 14018:2005/FprA1:2009

Tähtaeg 29.06.2009

Põllumajandus- ja metsatöömasinad. Kylvimasinad. Ohutus

This European Standard, applied together with EN 1553:1999, specifies the safety requirements and their verification for design and construction of mounted, semi-mounted, trailed or self-propelled seed drills, including the seeding function of combined seed and fertilizer drills, used in agriculture and in forestry. In addition, this European Standard specifies the type of information on safe working practices (including residual risks) to be provided by the manufacturer.

Keel en

FprEN 15811

Identne FprEN 15811:2009

Tähtaeg 29.06.2009

Agricultural machinery - Guards for moving parts of power transmission - Guard opening with tool

This European Standard gives safety requirements, and the means of verifying them, for the design and construction of guards, only able to be opened with a tool, which are used to guard the moving parts of the power transmission of self-propelled ride-on machines and mounted, semi-mounted or trailed machines used in agriculture. In addition, it specifies the type of information on safe working practices (including residual risks) to be provided by the manufacturer. It deals with the significant hazards (as listed in Annex A), hazardous situations and events relevant to guards of moving parts of power transmission used as intended and under the conditions foreseen by the manufacturer (see Clauses 4 and 5). It is not applicable to guards for moving parts of the power transmission of: - tractors, - aircraft, - air cushion vehicles, or - lawn and garden equipment.

Keel EN

FprEN ISO 4254-1

Identne FprEN ISO 4254-1:2009

ja identne ISO 4254-1:2008

Tähtaeg 29.06.2009

Agricultural machinery — Safety — Part 1: General requirements

This part of ISO 4254 specifies the general safety requirements and their verification for the design and construction of self-propelled ride-on machines and mounted, semi-mounted or trailed machines used in agriculture. In addition, it specifies the type of information on safe working practices (including residual risks) to be provided by the manufacturer. This part of ISO 4254 deals with significant hazards (as listed in Annex A), hazardous situations and events relevant to this agricultural machinery used as intended and under the conditions foreseen by the manufacturer (see Clause 4).

Keel en

Asendab EVS-EN ISO 4254-1:2006

prEN ISO 6498

Identne prEN ISO 6498:2009

ja identne ISO/DIS 6498:2009

Tähtaeg 29.06.2009

Animal feeding stuffs - Guidelines for sample preparation

This European Standard specifies guidelines for the preparation of test samples from laboratory samples of animal feeding stuffs including pet foods mostly quoted from AAFCO guidelines [1]. The guidelines are overruled by special instructions for sample preparation demanded by specific analysis methods for feeding stuffs (e.g. ISO, CEN, IEC).

Keel en

67 TOIDUAINETE TEHNOLOOGIA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 1672-2:2005+A1:2009

Hind 229,00

Identne EN 1672-2:2005+A1:2009

Toidutöötlemismasinad. Põhimõisted. Osa 2: Hügieeninõuded KONSOLIDEERITUD TEKST

This document specifies common hygiene requirements for machinery used in preparing and processing food for human and, where relevant, animal consumption to eliminate or minimise the risk of contagion, infection, illness or injury arising from this food. It identifies the hazards which are relevant to the use of such food processing machinery and describes design methods and information for use for the elimination or reduction of these risks. This document does not deal with the hygiene related risks to personnel arising from the use of the machine. This document applies to food processing machines – Examples of such groups of food processing machinery are given in the informative Annex B. NOTE Separate hygiene requirements are contained in other EU Directives (see Bibliography). In addition, the principles contained in this document can be applied to other machinery and equipment used to process food where similar risks apply. Examples of hygiene risks and acceptable solutions are given in the informative Annex A. This document is not applicable to machines manufactured before the date of publication of this document by CEN.

Keel en

Asendab EVS-EN 1672-2:2005

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 1672-2:2005

Identne EN 1672-2:2005

Toidutöötlemismasinad. Põhimõisted. Osa 2: Hügieeninõuded

This document specifies common hygiene requirements for machinery used in preparing and processing food for human and, where relevant, animal consumption to eliminate or minimise the risk of contagion, infection, illness or injury arising from this food.

Keel en

Asendab EVS-EN 1672-2:1999

Asendatud EVS-EN 1672-2:2005+A1:2009

71 KEEMILINE TEHNOLOOGIA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 12547:1999+A1:2009

Hind 256,00

Identne EN 12547:1999+A1:2009

Tsentrifuugid. Üldised ohutusnõuded KONSOLIDEERITUD TEKST

1.1 This European Standard applies to centrifuges aiming at separation of liquid/liquid/solid/solid or at least two of these substances. It gives requirements to minimise the risks caused by the hazards specified in 1.2. The Standard deals with the significant hazards associated with the operation of centrifuges. 1.2 The Standard gives requirements for minimising the risks caused by the following hazards: - mechanical hazards common to all types of centrifuges, except those specified in 1.3; - ergonomical hazards; - electrical hazards. The standard also covers requirements for noise measurements.

Keel en

Asendab EVS-EN 12547:1999

EVS-EN 12903:2009

Hind 124,00

Identne EN 12903:2009

Products used for treatment of water intended for human consumption - Powdered activated carbon

This European Standard is applicable to powdered activated carbon used for treatment of water intended for human consumption. It describes the characteristics of powdered activated carbon and specifies the requirements and the corresponding test methods for powdered activated carbon. It gives information on its use in water treatment.

Keel en

Asendab EVS-EN 12903:2003

EVS-EN 12907:2009

Hind 124,00

Identne EN 12907:2009

Products used for treatment of water intended for human consumption - Pyrolyzed coal material

This European Standard is applicable to pyrolyzed coal material used for treatment of water intended for human consumption. It describes the characteristics of pyrolyzed coal material and specifies the requirements and the corresponding test methods for pyrolyzed coal material. It gives information on its use in water treatment.

Keel en

Asendab EVS-EN 12907:2003

EVS-EN 12915-1:2009

Hind 166,00

Identne EN 12915-1:2009

Products used for the treatment of water intended for human consumption - Granular activated carbon - Part 1: Virgin granular activated carbon

This part of EN 12915 is applicable to virgin granular activated carbon used for treatment of water intended for human consumption. It describes the characteristics of virgin granular activated carbon and specifies the requirements and the corresponding test methods for virgin granular activated carbon. It gives information on its use in water treatment.

Keel en

Asendab EVS-EN 12915-1:2003

EVS-EN 12915-2:2009

Hind 124,00

Identne EN 12915-2:2009

Products used for the treatment of water intended for human consumption - Granular activated carbon - Part 2: Reactivated granular activated carbon

This part of EN 12915 is applicable to reactivated granular activated carbon used for treatment of water intended for human consumption. It describes the characteristics of reactivated granular activated carbon and specifies the requirements and the corresponding test methods for reactivated granular activated carbon. It gives information on its use in water treatment.

Keel en

Asendab EVS-EN 12915-2:2003

EVS-EN 13752:2009

Hind 135,00

Identne EN 13752:2009

Products used for treatment of water intended for human consumption - Manganese dioxide

This European Standard is applicable to manganese dioxide used for treatment of water intended for human consumption. It describes the characteristics of manganese dioxide and specifies the requirements and the corresponding test methods for manganese dioxide. It gives information on its use in water treatment. This standard is not applicable to manganese dioxide with purity ranging from 85 % to 90 % and bulk density loose greater than 1850 kg/m³.

Keel en

Asendab EVS-EN 13752:2003

EVS-EN 13753:2009

Hind 114,00

Identne EN 13753:2009

Products used for treatment of water intended for human consumption - Granular activated alumina

This European Standard is applicable to granular activated alumina used for treatment of water intended for human consumption. It describes the characteristics of granular activated alumina and specifies the requirements and the corresponding test methods for granular activated alumina. It gives information on its use in water treatment.

Keel en

Asendab EVS-EN 13753:2003

EVS-EN 13754:2009

Hind 114,00

Identne EN 13754:2009

Products used for treatment of water intended for human consumption - Bentonite

This European Standard is applicable to bentonite used for treatment of water intended for human consumption. It describes the characteristics of bentonite and specifies the requirements and the corresponding test methods for bentonite. It gives information on its use in water treatment.

Keel en

Asendab EVS-EN 13754:2003

EVS-EN 15154-3:2009

Hind 105,00

Identne EN 15154-3:2009

Emergency safety showers - Part 3: Non plumbed-in body showers

This European Standard is a product specification, giving minimum performance requirements for non plumbed-in emergency safety body showers. It is applicable to body showers filled with a washing fluid by the manufacturer and to empty devices to be filled prior to putting into service. Both variations are for first aid use when the body or parts of the body have been exposed to harmful substances or heat. Requirements are also given concerning labelling, marking and information to be supplied by the manufacturer. Throughout this standard, the term "non plumbed-in emergency safety body shower" is referred to as "body shower".

Keel en

EVS-EN 15154-4:2009

Hind 105,00

Identne EN 15154-4:2009

Emergency safety showers - Part 4: Non plumbed-in eyewash units

This European Standard is a product specification, giving minimum performance requirements for non plumbed-in emergency safety eyewash units. It is applicable to non plumbed-in emergency safety eyewash units filled with a rinsing fluid by the manufacturer for first aid use when the eyes have been exposed to harmful substances. Requirements are also given concerning labelling, marking and information to be supplied by the manufacturer. Throughout this standard, the term "non plumbed-in emergency safety eyewash unit" is referred to as "eyewash unit".

Keel en

EVS-EN 15228:2009

Hind 114,00

Identne EN 15228:2009

Ehituspuit. Bioloogiliste kahjurite tõrjevahendiga töödeldud ehituspuit

This European Standard specifies general requirements for structural timber that has been treated with preservatives against biological attack. This European Standard also specifies requirements for the evaluation of conformity and marking of preservative treated timber products when they are placed on the market. Treatments which include a biocide are covered by this standard. It does not provide details of which preservative treatments are necessary for a particular type of structural timber product to achieve a required service life, as regional climatic differences and prevalent biological agents would need to be taken into account for that purpose.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 12547:1999**

Identne EN 12547:1999

Tsentrifuugid. Üldised ohutusnõuded

This European Standard applies to centrifuges aiming at separation of liquid/liquid/solid/solid or at least two of these substances. It gives requirements to minimise the risks caused by the hazards specified in 1.2.

Keel en

Asendatud EVS-EN 12547:1999+A1:2009

EVS-EN 12903:2003

Identne EN 12903:2003

Products used for treatment of water intended for human consumption - Powdered activated carbon

This European Standard is applicable to powdered activated carbon used for treatment of water intended for human consumption. It describes the characteristics of powdered activated carbon and specifies the requirements and the corresponding test methods for powdered activated carbon. It gives information on its use in water treatment

Keel en

Asendab EVS-EN 12903:1999

Asendatud EVS-EN 12903:2009

EVS-EN 12907:2003

Identne EN 12907:2003

Products used for treatment of water intended for human consumption - Pyrolyzed coal material

This European Standard is applicable to pyrolyzed coal material used for treatment of water intended for human consumption. It describes the characteristics of pyrolyzed coal material and specifies the requirements and the corresponding test methods for pyrolyzed coal material. It gives information on its use in water treatment

Keel en

Asendab EVS-EN 12907:2000

Asendatud EVS-EN 12907:2009

EVS-EN 12915-2:2003

Identne EN 12915-2:2003 + AC:2006

Products used for treatment of water intended for human consumption - Granular activated carbon - Part 2: Reactivated granular activated carbon

This part of EN 12915 is applicable to reactivated granular activated carbon used for treatment of water intended for human consumption.

Keel en

Asendab EVS-EN 12915:2000

Asendatud EVS-EN 12915-2:2009

EVS-EN 12915-1:2003

Identne EN 12915-1:2003 + AC:2006

Products used for the treatment of water intended for human consumption - Granular activated carbon - Part 1: Virgin granular activated carbon

This part of EN 12915 is applicable to virgin granular activated carbon used for treatment of water intended for human consumption. It describes the characteristics of virgin granular activated carbon and specifies the requirements and the corresponding test methods for virgin granular activated carbon. It gives information on its use in water treatment

Keel en

Asendab EVS-EN 12915:2000

Asendatud EVS-EN 12915-1:2009

EVS-EN 13752:2003

Identne EN 13752:2003

Products used for treatment of water intended for human consumption - Manganese dioxide

This European Standard is applicable to manganese dioxide used for treatment of water intended for human consumption. It describes the characteristics of manganese dioxide and specifies the requirements and the corresponding test methods for manganese dioxide. It gives information on its use in water treatment

Keel en

Asendatud EVS-EN 13752:2009

EVS-EN 13753:2003

Identne EN 13753:2002

Products used for treatment of water intended for human consumption - Granular activated alumina

This European Standard is applicable to granular activated alumina used for treatment of water intended for human consumption. It describes the characteristics of granular activated alumina and specifies the requirements and the corresponding test methods for granular activated alumina. It gives information on its use in water treatment

Keel en

Asendatud EVS-EN 13753:2009

EVS-EN 13754:2003

Identne EN 13754:2003

Products used for treatment of water intended for human consumption - Bentonite

This European Standard is applicable to bentonite used for treatment of water intended for human consumption. It describes the characteristics of bentonite and specifies the requirements and the corresponding test methods for bentonite. It gives information on its use in water treatment

Keel en

Asendatud EVS-EN 13754:2009

KAVANDITE ARVAMUSKÜSITLUS**FprEN 46-1**

Identne FprEN 46-1:2009

Tähtaeg 29.06.2009

Wood preservatives - Determination of the preventive action against recently hatched larvae of *Hylotrupes bajalus* (Linnaeus) - Part 1: Application by surface treatment (Laboratory method)

This document specifies a method for the determination of the preventive action of a wood preservative against recently hatched larvae of *Hylotrupes bajalus* (Linnaeus) when the preservative is applied as a surface treatment to wood. This method is applicable to: - water-insoluble chemicals which are being studied as active insecticides; - organic formulations, as supplied or as prepared in the laboratory by dilution of concentrates; - organic water-dispersible formulations as supplied or as prepared in the laboratory by dilution of concentrates, and - water-soluble materials, for example salts. The method is applicable whether or not the test specimens have been subjected to appropriate ageing procedures.

Keel en

Asendab EVS-EN 46-1:2005

FprEN 46-2

Identne FprEN 46-2:2009

Tähtaeg 29.06.2009

Wood preservatives - Determination of the preventive action against *Hylotrupes bajulus* (Linnaeus) - Part 2: Ovicidal effect (laboratory method)

This part of EN 46 specifies a method for the determination of the preventive action of a wood preservative against eggs of *Hylotrupes bajulus* (Linnaeus) when the preservative is applied as a surface treatment to wood. This method is applicable to: 1) water-insoluble chemicals which are being studied as active insecticides, 2) organic formulations, as supplied or as prepared in the laboratory by dilution of concentrates, 3) organic water-dispersible formulations as supplied or as prepared in the laboratory by dilution of concentrates, or 4) water-soluble materials, for example salts. The method is applicable whether or not the test specimens have been subjected to appropriate ageing procedures.

Keel en

Asendab EVS-EN 46-2:2006

prEN 12829

Identne prEN 12829:2009

Tähtaeg 29.06.2009

Surface active agents - Preparation of water with known calcium and magnesium hardness

This standard specifies a method of preparing water of known calcium and magnesium hardness for use in testing surface active agents and products containing them.

Keel en

Asendab EVS-EN 12829:2000

prEN ISO 10801

Identne prEN ISO 10801:2009

ja identne ISO/DIS 10801:2009

Tähtaeg 29.06.2009

Nanotechnologies - Generation of metal nanoparticles for inhalation toxicity testing using the evaporation/condensation method

The scope of this standard is limited to the metals such, as gold and silver, which have been proven to generate nanoparticles suitable for inhalation toxicity testing using the evaporation/condensation method described in this standard.

Keel en

prEN ISO 29701

Identne prEN ISO 29701:2009

ja identne ISO/DIS 29701:2009

Tähtaeg 29.06.2009

Nanotechnologies - Endotoxin test on nanomaterial samples for in vitro systems - Limulus amoebocyte lysate (LAL) test

This International Standard specifies a test using Limulus amoebocyte lysate (LAL) reagent for detecting and quantifying endotoxins, which can contaminate test samples of nanomaterials intended for cell-based in vitro biological test systems. The test is suitable for use with nanomaterials samples dispersed in aqueous media, e.g. water, serum or reaction medium, and to such media incubated with nanomaterials for an appropriate time at 37°C. This standard is restricted to in vitro systems but the methods may also be adapted to nanomaterials to be administered to animals by parenteral routes.

Keel en

75 NAFTA JA NAFTATEHNOLOGIA

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TR 15367-3:2009

Hind 114,00

Identne CEN/TR 15367-3:2009

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

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

Keel en

CWA 15940:2009

Hind 105,00

Identne CWA 15940:2009

Automotive fuels - Paraffinic diesel from synthesis or hydrotreatment - Requirements and test methods

This CEN Workshop Agreement specifies requirements and test methods for marketed and delivered paraffinic diesel fuel. It is applicable to paraffinic diesel fuel from synthesis or hydrotreatment processes for use in diesel engine vehicles designed to run on automotive diesel fuel. The document describes the quality for use as automotive fuel for diesel engines at 100 % concentration. NOTE 1 For general diesel engine warranty, paraffinic automotive diesel fuel may need a validation step, which for some existing engines may still need to be done (see also the Introduction to this document). NOTE 2 For the purposes of this document, the terms "% (m/m)" and "% (V/V)" are used to represent respectively the mass fraction and the volume fraction.

Keel en

EVS-EN 1429:2009

Hind 105,00

Identne EN 1429:2009

Bitumen and bituminous binders - Determination of residue on sieving of bitumen emulsions, and determination of storage stability by sieving

This European Standard specifies methods utilizing sieving for the determination of the quantity of coarse particles of binder present in bitumen emulsions, and for the determination of storage stability. WARNING — The 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 determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 1429:2000

EVS-EN 1430:2009

Hind 92,00

Identne EN 1430:2009

Bitumen and bituminous binders - Determination of particle polarity of bituminous emulsions

This European Standard specifies a method for the determination of the particle polarity of bituminous emulsions. **WARNING** — The 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 determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 1430:2000

EVS-EN 1431:2009

Hind 124,00

Identne EN 1431:2009

Bitumen and bituminous binders - Determination of residual binder and oil distillate from bitumen emulsions by distillation

This European Standard specifies a method for the quantitative determination of residual binder and oil distillate in bituminous emulsions. The method can also be used to obtain residue and oil distillate for further testing. **NOTE** The properties of the material recovered in the test are not necessarily the same as those of the original materials from which the emulsion was produced, especially for polymer modified bitumens. **WARNING** — The 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 determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 1431:2000

EVS-EN 12847:2009

Hind 105,00

Identne EN 12847:2009

Bitumen and bituminous binders - Determination of settling tendency of bitumen emulsions

This European Standard specifies a method for the determination of the settling tendency of bituminous emulsions. **WARNING** — The use of this standard can 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 determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 12847:2002

EVS-EN 12848:2009

Hind 92,00

Identne EN 12848:2009

Bitumen and bituminous binders - Determination of mixing stability with cement of bitumen emulsions

This European Standard specifies a method for the determination of mixing stability of bituminous emulsions with cement. It applies to over-stabilized cationic bituminous emulsions and to slow-setting and over-stabilized anionic bituminous emulsions. **WARNING** — The use of this standard can 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 determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 12848:2002

EVS-EN 12849:2009

Hind 105,00

Identne EN 12849:2009

Bitumen and bituminous binders - Determination of penetration power of bitumen emulsions

This European Standard specifies a method for the determination of the penetration power of bituminous emulsions, through reference filler. This test method is applicable to low-viscosity bituminous emulsions. **WARNING** — The use of this standard can 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 determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 12849:2002

EVS-EN 12850:2009

Hind 92,00

Identne EN 12850:2009

Bitumen and bituminous binders - Determination of the pH value of bitumen emulsions

This European Standard specifies a method for measuring the pH value of bituminous emulsions. It is applicable to anionic, cationic bituminous emulsions and bituminous emulsions prepared by means of non – ionic surfactant. **NOTE** In certain circumstances, the pH value can provide an indication of the ionic character of a bitumen emulsion. However, this indication should be confirmed by a particle polarity test conforming to EN 1430 [1]. **WARNING** — The use of this standard can 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 determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 12850:2002

EVS-EN 13075-1:2009

Hind 124,00

Identne EN 13075-1:2009

Bitumen and bituminous binders - Determination of breaking behaviour - Part 1: Determination of breaking value of cationic bitumen emulsions, mineral filler method

This European Standard specifies a method for the determination of the breaking value of cationic bituminous emulsions. **WARNING** — The 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 determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 13075-1:2002

EVS-EN 13075-2:2009

Hind 92,00

Identne EN 13075-2:2009

Bitumen and bituminous binders - Determination of breaking behaviour - Part 2: Determination of fines mixing time of cationic bitumen emulsions

This European Standard specifies a method for the determination of the fines mixing time of diluted cationic bituminous emulsions, under standardized conditions. **WARNING** — The 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 determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 13075-2:2002

EVS-EN 13303:2009

Hind 114,00

Identne EN 13303:2009

Bitumen and bituminous binders - Determination of the loss in mass after heating of industrial bitumen

This European Standard specifies a method for the determination of the loss in mass of industrial bitumen after heating. The method is used to detect volatile components. **NOTE** The users of the method are encouraged to gather comparative information on binders using this standard, EN 13303 and EN 12607-2 [1] at 163 °C to facilitate the withdrawal of EN 13303 at the next systematic review. **WARNING** — The 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 13303:2003

EVS-EN 13304:2009

Hind 80,00

Identne EN 13304:2009

Bituumen ja bituumensideained. Oksüdeeritud bituumenite määratlemise alused

This European Standard provides a framework for the specification of oxidised bitumens used mainly in roofing, waterproofing, adhesives and thermal and phonic insulations. Within Europe several types of oxidised bitumens are used and, dependent on climatic conditions, type of building construction and traditional practices, different grades may be used for the same purpose. The framework given in this European standard provides a basis for quality agreements to be established between supplier and client. The oxidised bitumen products are graded by a combination of the values of ring and ball softening point, and penetration at 25 °C, expressed as multiples of 5.

Keel en

Asendab EVS-EN 13304:2003

EVS-EN 13305:2009

Hind 80,00

Identne EN 13305:2009

Bitumen and bituminous binders - Framework of specification of hard industrial bitumens

This European Standard provides a framework for the specification of hard industrial bitumens used mainly in flooring, varnishes, mineral rubber, roofing and mastic. Within Europe several types of hard industrial bitumen are used, and dependent upon traditional practices, different grades may be used for the same purpose. The framework given in this European standard provides a basis for quality agreements to be established between supplier and client. The hard industrial bitumen products are graded by the limits of the ring and ball softening point values, expressed as multiples of 5, and are characterised by an H in front of the values.

Keel en

Asendab EVS-EN 13305:2003

EVS-EN 14865-1:2009

Hind 166,00

Identne EN 14865-1:2009

Raudteealased rakendused. Teljelaagripuksides kasutatavad määrdeained. Osa 1: Meetod määrimisvõime katsetamiseks

This European Standard specifies a testing method and sets the acceptance criteria for the determining of the lubrication ability of lubricating greases intended for the lubrication of axlebox bearings. The lubricating ability, primarily related to the capability of lubricating greases to protect against wear, is determined in a roller bearing lubricant test rig. Wear of the rolling bearing rollers, the frictional behaviour and temperature during the test are used to discriminate between lubricating greases.

Keel en

EVS-EN 15691:2009

Hind 92,00

Identne EN 15691:2009

Ethanol as a blending component for petrol - Determination of total dry residue (involatile material) - Gravimetric method

This European Standard specifies a procedure for the determination of dry residue in ethanol by gravimetric (desiccation) method in the range (10 to 25) mg/100 ml. NOTE In an interlaboratory study [2] the method described has been tested at levels down to 3,5 mg/100 ml, but the precision appeared to be insufficient at such low levels. WARNING — Use of this document may involve hazardous equipment, materials and operations. This method does not purport to address to all of the safety problems associated with its use, but it is the responsibility of the user to search and establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Keel en

EVS-EN ISO 5163:2005/AC:2009

Hind 0,00

Identne EN ISO 5163:2005/AC:2009

ja identne ISO 5163:2005/Cor.1:2008

Petroleum products - Determination of knock characteristics of motor and aviation fuels - Motor method

Keel en

EVS-EN ISO 10418:2004/AC:2009

Hind 0,00

Identne EN ISO 10418:2003/AC:2009

ja identne ISO 10418:2003/Cor.1:2008

Petroleum and natural gas industries - Offshore production installations - Analysis, design, installation and testing of basic surface process safety systems

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 1429:2000**

Identne EN 1429:1999

Petroleum products - Bitumen and bituminous binders - Determination of residue on sieving of bitumen emulsions, and determination of storage stability by sieving

This standard specifies methods utilizing sieving for the determination of the quantity of coarse particles of binder present in bitumen emulsions, and for the determination of storage stability.

Keel en

Asendatud EVS-EN 1429:2009

EVS-EN 1430:2000

Identne EN 1430:1999

Petroleum products - Bitumen and bituminous binders - Determination of particle polarity of bitumen emulsions

This European Standard specifies a method for the determination of the polarity of the bitumen particles in bitumen emulsions.

Keel en

Asendatud EVS-EN 1430:2009

EVS-EN 12847:2002

Identne EN 12847:2002

Bitumen and bituminous binders - Determination of settling tendency of bitumen emulsions

This European Standard specifies a method for the determination of the settling tendency of bitumen emulsions.

Keel en

Asendatud EVS-EN 12847:2009

EVS-EN 12848:2002

Identne EN 12848:2002

Bitumen and bituminous binders - Determination of mixing stability with cement of bitumen emulsions

This European Standard specifies a method for the determination of mixing stability of bitumen emulsions with cement. It applies to over-stabilized cationic bitumen emulsions and to slow-setting and over-stabilized anionic bitumen emulsions.

Keel en

Asendatud EVS-EN 12848:2009

EVS-EN 12849:2002

Identne EN 12849:2002

Bitumen and bituminous binders - Determination of penetration power of bitumen emulsions

This European Standard specifies a method for the determination of the penetration power of bitumen emulsions. This test method is applicable to low-viscosity bitumen emulsions.

Keel en

Asendatud EVS-EN 12849:2009

EVS-EN 12850:2002

Identne EN 12850:2002

Bitumen and bituminous binders - Determination of the pH value of bitumen emulsions

This European Standard specifies a method for measuring the pH value of bitumen emulsions. It is applicable to anionic, cationic and non-ionic bitumen emulsions.

Keel en

Asendatud EVS-EN 12850:2009

EVS-EN 13075-2:2002

Identne EN 13075-2:2002

Bitumen and bituminous binders - Determination of breaking behaviour - Part 2: Determination of fines mixing time of cationic bitumen emulsions

This European Standard specifies a method for the determination of the fines mixing time of cationic bitumen emulsions, under standardized conditions.

Keel en

Asendatud EVS-EN 13075-2:2009

EVS-EN 13075-1:2002

Identne EN 13075-1:2002

Bitumen and bituminous binders - Determination of breaking behaviour - Part 1: Determination of breaking value of cationic bitumen emulsions, mineral filler method

This European Standard specifies a method for the determination of the breaking value of cationic bitumen emulsions.

Keel en

Asendatud EVS-EN 13075-1:2009

EVS-EN 13303:2003

Identne EN 13303:2003

Bitumen and bituminous binders - Determination of the loss in mass after heating of industrial bitumen

This European Standard specifies a method for the determination of the loss in mass of industrial bitumen after heating. The method is used to detect volatile components

Keel en

Asendatud EVS-EN 13303:2009

EVS-EN 13304:2003

Identne EN 13304:2003

Bituumen ja bituumensideained. Oksüdeeritud bituumenite määratlemise alused

Euroopa standard annab peamiselt katuseehitusel, niiskuselisolatsioonil ja liimides kasutatava oksüdeeritud bituumeni määratlemise raamistiku.

Keel et

Asendatud EVS-EN 13304:2009

KAVANDITE ARVAMUSKÜSITLUS

FprEN 14774-2

Identne FprEN 14774-2:2009

Tähtaeg 29.06.2009

Solid biofuels - Methods for the determination of moisture content - Oven dry method - Part 2: Total moisture - Simplified method

This document describes the method of determining the total moisture content of a sample of solid biofuels by drying in an oven and may be used when the highest precision is not needed e.g. for routine production control on site. The method described in this document is applicable to all solid biofuels. The total moisture content of biofuels is not an absolute value and conditions for its determination have to be standardised to enable comparative determinations to be made.

Keel en

Asendab CEN/TS 14774-2:2004

FprEN 14775

Identne FprEN 14775:2009

Tähtaeg 29.06.2009

Solid biofuels - Determination of ash content

This document specifies a method for the determination of ash content of all solid biofuels (CEN/TS 14588).

Keel en

Asendab CEN/TS 14775:2004

FprEN 14918

Identne FprEN 14918:2009

Tähtaeg 29.06.2009

Solid biofuels - Determination of calorific value

This document specifies a method for the determination of the gross calorific value of a solid biofuel at constant volume and at the reference temperature 25 °C in a bomb calorimeter calibrated by combustion of certified benzoic acid. The result obtained is the gross calorific value of the analysis sample at constant volume with all the water of the combustion products as liquid water. In practice, biofuels are burned at constant (atmospheric) pressure and the water is either not condensed (removed as vapour with the flue gases) or condensed. Under both conditions, the operative heat of combustion to be used is the net calorific value of the fuel at constant pressure. The net calorific value at constant volume may also be used; formulae are given for calculating both values. General principles and procedures for the calibrations and the biofuel experiments are presented in the main text, whereas those pertaining to the use of a particular type of calorimetric instrument are described in Annexes A to C. Annex D contains checklists for performing calibration and fuel experiments using specified types of calorimeters. Annex E gives examples to illustrate some of the calculations.

Keel en

Asendab CEN/TS 14918:2005

FprEN 15103

Identne FprEN 15103:2009

Tähtaeg 29.06.2009

Solid biofuels - Determination of bulk density

This document describes a method of determining bulk density of solid biofuels by the use of a standard measuring container. This method is applicable to all solid biofuels with a nominal top size of maximum 100 mm. Bulk density is not an absolute value, therefore conditions for its determination have to be standardised in order to gain comparative measuring results.

Keel en

Asendab CEN/TS 15103:2005

FprEN 15148

Identne FprEN 15148:2009

Tähtaeg 29.06.2009

Solid biofuels - Determination of the content of volatile matter

This working document aims to define the requirements and method used to determine the volatile matter content of solid biofuels. It is intended for persons and organisations that manufacture, plan, sell, erect or use machinery, equipment, tools and entire plants related to solid biofuels, and to all persons and organisations involved in producing, purchasing, selling and utilising solid biofuels. The volatile matter content is determined as the loss in mass, less that due to moisture, when solid biofuel is heated out of contact with air under standardized conditions.

Keel en

Asendab CEN/TS 15148:2005

FprEN 15210-1

Identne FprEN 15210-1:2009

Tähtaeg 29.06.2009

Solid biofuels - Determination of mechanical durability of pellets and briquettes - Part 1: Pellets

This document aims to define the requirements and method used for testing the mechanical durability of pellets. It is intended for persons and organisations that manufacture, plan, sell, erect or use machinery, equipment, tools and entire plants related to such pellets, and to all persons and organisations involved in producing, purchasing, selling and utilising pellets. The durability is the measure of the resistance of densified fuels towards shocks and/or abrasion as a consequence of handling and transportation processes.

Keel en

Asendab CEN/TS 15210-1:2005

prEN 15293

Identne prEN 15293:2009

Tähtaeg 29.06.2009

Automotive fuels - Ethanol (E85) automotive fuel - Requirements and test methods

This European Standard specifies requirements and test methods for marketed and delivered Ethanol (E85) automotive fuel. It is applicable to Ethanol (E85) for use in spark ignition engine vehicles designed to run on Ethanol (E85). Ethanol (E85) is a mixture of nominally 85 % ethanol and petrol, but also including the possibility of having different 'seasonal grades' containing more than 50 % ethanol.

Keel en

Asendab CWA 15293:2005

prEN 15938

Identne prEN 15938:2009

Tähtaeg 29.06.2009

Automotive fuels - Ethanol blending component and ethanol (E85) fuel - Determination of electrical conductivity

This document specifies a test method for the determination of the electrical conductivity in ethanol and ethanol fuel in the range from approximately (0,3 to 5) $\mu\text{S}/\text{cm}$ at a temperature of 25 °C. The electrical conductivity is determined from the measured electrical conductance. The electrical conductivity is an important analytical criterion for the ascertainment and control of anionic and cationic components in ethanol and ethanol fuel. Some of these components can exhibit corrosive properties.

Keel en

77 METALLURGIA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 10088-5:2009

Hind 256,00

Identne EN 10088-5:2009

Roostevabad terased. Osa 5: Ehituses kasutatavate korrosioonikindlast terasest lattide, varraste, traadi, profiilide ja kalibreeritud toodete tehnilised tarnetingimused

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

EVS-EN 10152:2009

Hind 145,00

Identne EN 10152:2009

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; EVS-EN 10336:2007

EVS-EN 10343:2009

Hind 209,00

Identne EN 10343:2009

Ehituses kasutatav karastatud ja noolutatud teras. Tehnilised tarnetingimused

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.

Keel en

EVS-EN 10346:2009

Hind 219,00

Identne EN 10346:2009

Continuously hot-dip coated steel flat products - Technical delivery conditions

This European Standard 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 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

Asendab EVS-EN 10327:2004; EVS-EN 10326:2004; EVS-EN 10292:2007; EVS-EN 10336:2007

EVS-EN ISO 7500-1:2004/AC:2009

Hind 0,00

Identne EN ISO 7500-1:2004/AC:2009

ja identne ISO 7500-1:2004/Cor.1:2008

Metallic materials - Verification of static uniaxial testing machines - Part 1: Tension/compression testing machines - Verification and calibration of the force-measuring system

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 10152:2003**

Identne EN 10152:2003

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 10152:2000

Asendatud EVS-EN 10152:2009

EVS-EN 10292:2007

Identne EN 10292:2007

Continuously hot-dip coated strip and sheet of steels with higher yield strength for cold forming - Technical delivery conditions

This European Standard specifies requirements for continuously hot-dip zinc (Z), zinc-iron alloy (ZF), zincaluminium alloy (ZA), aluminium-zinc alloy (AZ) and aluminium-silicon alloy (AS) coated flat products made of steels with higher yield strength for cold forming (see Tables 1 and 3) with thicknesses up to and including 3,0 mm unless otherwise agreed. The thickness is the final thickness of the delivered product after coating. This European Standard applies to strip of all widths and to sheets cut from it (≥ 600 mm width) and cut lengths (< 600 mm width). The products covered by this European Standard are mainly used where cold formability and corrosion resistance for a defined minimum yield strength are the most important factors.

Keel en

Asendab EVS-EN 10292:2000

Asendatud EVS-EN 10346:2009

EVS-EN 10327:2004

Identne EN 10327:2004

Continuously hot-dip coated strip and sheet of low carbon steels for cold forming - Technical delivery conditions

This European Standard specifies requirements for continuously hot-dip coated products made of low carbon steels for cold forming coated with zinc (Z), zinc-iron alloy (ZF), zinc-aluminium alloy (ZA), aluminium-zinc alloy (AZ) and aluminium-silicon alloy (AS) (see Table 1) with thicknesses of 0,35 mm to 3,0 mm unless otherwise agreed (see 1.2). The thickness is the final thickness of the delivered product after coating.

Keel en

Asendab EVS-EN 10214:1999; EVS-EN 10215:2000;

EVS-EN 10154:2000; EVS-EN 10142:2004

Asendatud EVS-EN 10346:2009

EVS-EN 10336:2007

Identne EN 10336:2007

Continuously hot-dip coated and electrolytically coated strip and sheet of multiphase steels for cold forming - Technical delivery conditions

This European Standard specifies requirements for continuously hot-dip coated and electrolytically coated products made of multiphase steels for cold forming (see Tables 1, 3 and 4) coated with zinc (Z and ZE), zinc-iron alloy (ZF) or zinc-nickel alloy (ZN) with thicknesses of 0,35 mm to 3,0 mm, unless otherwise agreed (see 1.2).

Keel en

Asendatud EVS-EN 10346:2009

KAVANDITE ARVAMUSKÜSITLUS

prEN 10029

Identne prEN 10029:2009

Tähtaeg 29.06.2009

Kuumvaltsitud terasplaadid paksusega 3 mm või üle selle. Mõõtmete tolerantsid ning profiili ja massi lubatud piirhärve

This European Standard specifies tolerances on dimensions and shape for hot-rolled non-alloy and alloy steel plates with the following characteristics: nominal thickness $3 \text{ mm} \leq t \leq 400 \text{ mm}$; nominal width $w \geq 600 \text{ mm}$; Tolerances for products of width $w < 600 \text{ mm}$ cut or slit from plate should be agreed between manufacturer and purchaser at the time of enquiry and order. This European Standard applies, but is not limited – to plates made of steel grades defined in EN 10025-2 to EN 10025-6, EN 10028-2 to EN 10028-6, EN 10083-2 and EN 10083-3, EN 10084, EN 10085, EN 10149-2 and EN 10149-3 and EN 10207 (see also Annex A). It does not apply to stainless steels. This European Standard does not include round plates, custom-made plates, chequer or bulb plate for flooring and wide flats.

Keel en

Asendab EVS-EN 10029:2000

prEN 10051

Identne prEN 10051:2009

Tähtaeg 29.06.2009

Hot-rolled strip and plate/sheet cut from wide strip of non-alloy and alloy steels - Tolerances on dimensions and shape

This European Standard specifies tolerances on dimensions and shape for continuously hot-rolled uncoated plate/sheet and strip with a maximum width of 2 200 mm of non-alloy and alloy steels in accordance with Table 1 (see also Annex A). This European Standard also applies to hot-rolled strip for cold rolling.

Keel en

Asendab EVS-EN 10051:2000

prEN 10218-1

Identne prEN 10218-1:2009

Tähtaeg 29.06.2009

Terastraat ja traattooted. Üldinfo. Osa 1: Katsemeetodid

This part of EN 10218 specifies the methods for the general testing of steel wire and wire products which have been cold worked, annealed or oil hardened and tempered and/or coated and are of constant cross section, either round, or special section. It includes tensile testing, torsion testing, reverse bend testing, wrapping test, bend test, reverse torsion test, compression test, deep etch test, hardness test, quench hardenability test, fatigue test, wire cast measurement, artificial ageing, decarburization test, non-destructive tests, grain size tests, segregation test, non-metallic inclusion test and chemical analysis.

Keel en

Asendab EVS-EN 10218-1:2000

prEN 10218-2

Identne prEN 10218-2:2009

Tähtaeg 29.06.2009

Terastraat ja traattooted. Üldinfo. Osa 2: Traadi mõõtmed ja tolerantsid

This part of EN 10218 specifies the tolerances on diameter of round wire and, where applicable, on the length of round wire cut to length, for bright steel wire, (i.e. uncoated), metallic coated steel wire and non-metallic coated steel wire. This standard should not be applied where other requirements for dimensions and tolerances are specified in a particular product standard.

Keel en

Asendab EVS-EN 10218-2:2000

prEN 10270-1

Identne prEN 10270-1:2009

Tähtaeg 29.06.2009

Steel wire for mechanical springs - Part 1: Patented cold drawn unalloyed steel wire

1.1 This part of EN 10270 applies to patented cold drawn unalloyed steel wire of circular cross-section for the manufacture of mechanical springs for static duty and dynamic duty applications. 1.2 In addition to this part of EN 10270 the general technical delivery requirements of EN 10021 are applicable.

Keel en

Asendab EVS-EN 10270-1:2001

prEN 10270-2

Identne prEN 10270-2:2009

Tähtaeg 29.06.2009

Steel wire for mechanical springs - Part 2: Oil hardened and tempered spring steel wire

1.1 This part of EN 10270 applies to oil hardened and tempered spring steel wire made from unalloyed or alloyed steels. They are primarily subject to torsional stresses such as in coil springs for compression and extension and in special cases also for applications where the spring wire is subject to bending stresses such as lever springs. As a rule unalloyed steels are used for applications at room temperature whereas alloyed steels are generally used at a temperature above room temperature. Alloyed steels may also be chosen for above average tensile strengths. 1.2 In addition to this part of EN 10270 the general technical delivery requirements of EN 10021 are applicable.

Keel en

Asendab EVS-EN 10270-2:2001

prEN 10270-3

Identne prEN 10270-3:2009

Tähtaeg 29.06.2009

Steel wire for mechanical springs - Part 3: Stainless spring steel wire

1.1 This part of EN 10270 applies to the grades of stainless steels listed in Table 1, which are usually used in the cold drawn condition in the form of wire of circular cross-section up to 10,00 mm in diameter, for the production of springs and spring parts that are exposed to corrosive effects and sometimes to slightly increased temperatures (see A.1). 1.2 In addition to the steels listed in Table 1 certain of the steel grades covered by EN 10088-3 e.g. 1.4571, 1.4539, 1.4028 are also used for springs, although to much lesser extent. In these cases the mechanical properties (tensile strength, etc.) should be agreed between purchaser and supplier. Similarly, diameters between 10,00 mm and 15,00 mm may be ordered against this standard; in this case the parties should agree upon the required mechanical characteristics. 1.3 In addition to this part of EN 10270 the general technical delivery requirements of EN 10021 are applicable.

Keel en

Asendab EVS-EN 10270-3:2001

prEN 12163

Identne prEN 12163:2009

Tähtaeg 29.06.2009

Vask ja vasesulamid - Üldotstarbelised vardad

This European Standard specifies the composition, property requirements and dimensional tolerances for copper and copper alloy rod final produced by drawing or extruding intended for general purposes. The sampling procedures and the methods of test for verification of conformity to the requirements of this European Standard are also specified.

Keel en

Asendab EVS-EN 12163:2001

prEN 12164

Identne prEN 12164:2009

Tähtaeg 29.06.2009

Vask ja vasesulamid. Kergeks mehaaniliseks töötamiseks ettenähtud vardad

This European Standard specifies the composition, property requirements and dimensional tolerances for copper alloy rod, final produced by drawing or extruding, especially intended for free machining purposes. The sampling procedures, the methods of test for verification of conformity to the requirements of this European Standard, and the delivery conditions are also specified.

Keel en

Asendab EVS-EN 12164:2000; EVS-EN 12164:2000/A1:2000

prEN 12165

Identne prEN 12165:2009

Tähtaeg 29.06.2009

Vask ja vasesulamid. Deformeeritavad ja mittedeformeeritavad sepietoorikud

This European Standard specifies the composition, property requirements and dimensional tolerances for forging stock of copper and copper alloys. The sampling procedures and the methods of test for verification of conformity to the requirements of this European Standard are also specified.

Keel en

Asendab EVS-EN 12165:2000

prEN 12166

Identne prEN 12166:2009

Tähtaeg 29.06.2009

Vask ja vasesulamid. Üldotstarbeline traat

This European Standard specifies the composition, property requirements and dimensional tolerances for copper and copper alloy wire, final produced by drawing, rolling or extruding, intended for general purposes, spring and fastener manufacturing applications. The sampling procedures, the methods of test for verification of conformity to the requirements of this European Standard, and the delivery conditions are also specified.

Keel en

Asendab EVS-EN 12166:2000

prEN 12167

Identne prEN 12167:2009

Tähtaeg 29.06.2009

Vask ja vasesulamid. Profiilid ja ristkülikukujulise ristlõikega üldotstarbelised latid

This European Standard specifies the composition, property requirements and dimensional tolerances for copper and copper alloy profiles, solid, profiles with L-, T-, U-shaped cross-sections and bars, final produced by drawing or extruding. This standard applies to bar with thicknesses from 3 mm up to and including 60 mm and with widths from 6 mm up to and including 120 mm. The sampling procedures, the methods of test for verification of conformity to the requirements of this European Standard, and the delivery conditions are also specified.

Keel en

Asendab EVS-EN 12167:1999

prEN 12168

Identne prEN 12168:2009

Tähtaeg 29.06.2009

Vask ja vasesulamid. Õonesvardad kergeks mehaaniliseks töötamiseks

This European Standard specifies the composition, property requirements and dimensional tolerances for copper alloy hollow rods final produced by drawing or extruding specifically intended for free machining purposes. NOTE Hollow products having an outside diameter greater than 80 mm, and/or a wall thickness less than 2 mm, are specified in EN 12449. The sampling procedures, the methods of test for verification of conformity to the requirements of this European Standard, and the delivery conditions are also specified.

Keel en

Asendab EVS-EN 12168:2000; EVS-EN 12168:2000/A1:2000

prEN 13411-4

Identne prEN 13411-4:2009

Tähtaeg 29.06.2009

Terastraadist trosside otsmuhvid. Ohutus. Osa 4: Metall- ja polümeerliitmikud

This European Standard specifies the minimum requirements for the molten metal and resin socketing of steel wire ropes conforming to EN 12385 parts 4 to 10. The standard covers only those requirements that ensure that the socketing is strong enough to withstand a force of at least 100 % of the minimum breaking force of the rope (i.e. socket termination efficiency factor $KT = 1,0$). NOTE Rope terminations made by socketing in accordance with this European Standard can be used for determining the breaking force of wire ropes in accordance with annex A of EN 12385-1:2002. Socketing by the methods and materials described in this standard are for use within the temperature limits given in informative annex E. The hazards covered by this European standard are identified in Clause 4.

Keel en

Asendab EVS-EN 13411-4:2002+A1:2008

prEN 13411-8

Identne prEN 13411-8:2009

Tähtaeg 29.06.2009

Terminations for steel wire ropes - Safety - Part 8: Swage terminals and swaging

This European Standard covers the manufacturing and type test requirements for swage terminals and the securing of such terminals to carbon and stainless steel wire ropes by a swaging process. This European Standard covers those swaged terminations that have a terminal efficiency factor, KT , of at least 0,9. This standard covers terminals of the following types that are made of carbon or stainless steel. a) open swage socket (i.e. fork end); b) closed swage socket (i.e. loop end); c) swage terminal with thread (for length adjustment); and d) swage terminal end stop. This European Standard deals with all significant hazards, hazardous situations and events relevant to swaged terminations, when used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer. The hazards covered by this European Standard are identified in Clause 4. This European Standard applies to swaged terminations which are manufactured after the date of its publication.

Keel en

prEN ISO 376

Identne prEN ISO 736:2009

ja identne ISO/DIS 376:2009

Tähtaeg 29.06.2009

Metallmaterjalid. Üheteljesuunaliste katseseadmete kontrollimiseks kasutatavate jõumõõteriistade kalibreerimine

This International Standard covers the calibration of force-proving instruments used for the static verification of uniaxial testing machines (e.g. tension/compression testing machines) and describes a procedure for classifying these instruments. A force-proving instrument is defined as being the whole assembly from the force transducer through to and including the indicator. This International Standard generally applies to force-proving instruments in which the force is determined by measuring the elastic deformation of a loaded member or a quantity which is proportional to it.

Keel en

Asendab EVS-EN ISO 376:2005

prEN ISO 6892-2

Identne prEN ISO 6892-2:2009

Tähtaeg 29.06.2009

Metallmaterjalid. Tõmbeteim. Osa 5: Teimimeetod kõrgendatud temperatuuril

This International Standard specifies a method of tensile testing of metallic materials at a specified temperature greater than room temperature.

Keel en

Asendab EVS-EN 10002-5:2003

79 PUIDUTEHNOLOOGIA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 316:2009

Hind 92,00

Identne EN 316:2009

Puitkiudplaadid. Määratlus, liigitus ja tähised

See Euroopa standard esitab puitkiudplaatide määratluse, liigituse ja tähised.

Keel en

Asendab EVS-EN 316:1999

EVS-EN 1927-2:2008/AC:2009

Hind 0,00

Identne EN 1927-2:2008/AC:2009

Okaspuu ümarpuudu liigitus kvaliteedi järgi. Osa 2: Männid

Keel en

EVS-EN 14279:2005+A1:2009

Hind 178,00

Identne EN 14279:2004+A1:2009

Liimspoonpuit (LVL). Määratlused, liigitus ja spetsifikatsioonid KONSOLIDEERITUD TEKST

This document gives definitions, a classification and specifies the requirements for Laminated Veneer Lumber (LVL) for general purposes or for use in construction in dry, humid or exterior conditions.

Keel en

Asendab EVS-EN 14279:2005

EVS-EN 15228:2009

Hind 114,00

Identne EN 15228:2009

Ehituspuit. Bioloogiliste kahjurite tõrjevahendiga töödeldud ehituspuit

This European Standard specifies general requirements for structural timber that has been treated with preservatives against biological attack. This European Standard also specifies requirements for the evaluation of conformity and marking of preservative treated timber products when they are placed on the market. Treatments which include a biocide are covered by this standard. It does not provide details of which preservative treatments are necessary for a particular type of structural timber product to achieve a required service life, as regional climatic differences and prevalent biological agents would need to be taken into account for that purpose.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 316:1999

Identne EN 316:1999

Puitkiudplaadid. Määratlus, liigitus ja tähised

See Euroopa standard esitab puitkiudplaatide määratluse, liigituse ja tähised.

Keel en

Asendatud EVS-EN 316:2009

EVS-EN 14279:2005

Identne EN 14279:2004

Liimspoonpuit (LVL). Spetsifikaadid, määratlused, liigitus

This European Standard gives definitions, a classification and specifies the requirements for Laminated Veneer Lumber (LVL) to be used for quality control purposes only. Test methods for the determination of mechanical properties for structural uses, when LVL are used as structural elements, e.g. as beams, columns are given in prEN WI 00124YYY. Determination of characteristic values of mechanical properties and density for structural purposes is given in EN 1058. Information on supplementary properties is given in annex A.

Keel en

Asendatud EVS-EN 14279:2005+A1:2009

KAVANDITE ARVAMUSKÜSITLUS

EN 848-1:2007/FprA1

Identne EN 848-1:2007/FprA1:2009

Tähtaeg 29.06.2009

Puidutöötlemismasinate ohutus. Ühepoolsed pöörleva lõiketeraga puidutöötluspingid. Osa 1: Ühespindilised vertikaalsed puidutöötluspingid

This document deals with the significant hazards, hazardous situations and events as listed in Clause 4 which are relevant to stationary and displaceable hand fed single spindle vertical moulding machines (with or without demountable power feed unit), herein after referred to as "machines", designed to cut solid wood, chip board, fibreboard, plywood and also these materials if they are covered with plastic laminate or edgings when they are used as intended and under the conditions foreseen by the manufacturer.

Keel en

EN 848-2:2007/FprA1

Identne EN 848-2:2007/FprA1:2009

Tähtaeg 29.06.2009

Puidutöötlusmasinate ohutus. Ühepoolsed pöörleva lõiketeraga puidutöötluspingid. Osa 2: Ühespindilised käsitsi- ja kombineeritud etteandega vertikaalfreespingid

This document deals with the significant hazards, hazardous situations and events as listed in Clause 4 which are relevant to stationary and displaceable single spindle hand fed/integrated fed routing machines with fixed head but allowing only movement along the axis of the tool during machining hereinafter referred to as "machines" designed to cut solid wood, chip board, fibreboard, plywood and also these materials if they are covered with plastic laminate, edgings or veneer when they are used as intended and under the conditions foreseen by the manufacturer.

Keel en

EN 1870-17:2007/FprA2

Identne EN 1870-17:2007/FprA2:2009

Tähtaeg 29.06.2009

Puidutöötlemismasinate ohutus.

Ketassaagimisseadmed. Osa 17: Käsijuhtimisega ühe saeteraga horisontaalsed järkamissaemasinad (universaalsed käsi-pendelsaad)

This document deals with the significant hazards, hazardous situation and events as listed in Clause 4, relevant to stationary and displaceable manual horizontal cutting cross-cut circular sawing machines with one saw unit (manual radial arm saws), hereinafter referred to as "machines", designed to cut solid wood, chipboard, fibreboard, plywood and also these materials if they are covered with plastic edging and/or plastic laminates, when they are used as intended and under the conditions foreseen by the manufacturer.

Keel en

prEN 15497

Identne prEN 15497:2009

Tähtaeg 29.06.2009

Finger jointed structural timber - Performance requirements and minimum production requirements

This European standard specifies performance and production requirements for finger jointed structural timber with rectangular cross-section. This standard covers also test and/or calculation methods to carry out the evaluation of conformity and requirements for marking of these finger joints. This standard is only applicable to finger joints between timber members of the same species or species combination. The standard covers not only coniferous species but also broad-leaved species where it has been shown that the type of adhesive used and the assembly conditions for finger-jointing timber are suitable for that type of species. This standard covers finger-jointed structural timber untreated or treated against biological attack after finger-jointing. This standard does not cover impressed (die-formed) finger joints. Individual finger jointed laminations and large finger joints for glued laminated timber are not covered by the present standard. Structural timber treated against fire is not covered by this standard.

Keel en

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TS 15866:2009

Hind 145,00

Identne CEN/TS 15866:2009

Advanced technical ceramics - Ceramic composites - Determination of the thermal diffusivity of ceramic fibres

This Technical Specification specifies the conditions for the determination of the thermal diffusivity of single filaments of ceramic fibres parallel to the fibre axis. This Technical Specification applies to continuous ceramic filaments taken from tows, yarns, braids and knittings. The experimental conditions are such that the material behaves in a homogeneous manner and that the heat transfer occurs only by thermal conduction. The method is applicable to materials which are physically and chemically stable during the measurement, and covers the range of temperature between 100 K and 600 K. It is suitable for the measurement of thermal diffusivity values in the range between 10⁻⁴ m²·s⁻¹ and 10⁻⁷ m²·s⁻¹.

Keel en

CEN/TS 15867:2009

Hind 124,00

Identne CEN/TS 15867:2009

Advanced technical ceramics - Ceramic composites - Guide to the determination of the degree of misalignment in uniaxial mechanical tests

This Technical Specification provides guidance on: - verifying the degree of misalignment of the load train of test machines, using a reference test specimen uniformly loaded in tension or in compression; - correcting for defects caused by, e.g. torsion and bending. This document is not intended to provide a quantitative and acceptable limit before the testing of ceramic matrix composites with a fibre reinforcement: unidirectional (1D), bidirectional (2D) and tridirectional (xD, with $2 < x \leq 3$) loaded along one principle axis of reinforcement. This limit depends on the sensitivity of each type of composite to the misalignment defect.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

EN 13042-1:2007/FprA1

Identne EN 13042-1:2007/FprA1:2009

Tähtaeg 29.06.2009

Masinad ja jaamad puhutud klaasi valmistamiseks ja töötlemiseks. Ohutusnõuded. Osa 1: Klaasimulli etteandesüsteemid

This European Standard contains the requirements for safety for the design and installation of gob feeders capable of serving succeeding machinery with jobs.

Keel en

83 KUMMI- JA PLASTITÖÖSTUS

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 15701:2009

Hind 105,00

Identne EN 15701:2009

Plastics - Thermoplastic jackets for insulation products for building equipment and industrial installations - Requirements and test methods

This European Standard specifies the requirements for thermoplastic cladding for insulation products for building equipment and industrial installations and the test methods to be used. The European Standard does not apply to systems in which the cladding has already been securely fixed over the whole surface of an insulating material in situ.

Keel en

EVS-EN ISO 11337:2004/AC:2009

Hind 0,00

Identne EN ISO 11337:2004/AC:2009

ja identne ISO 11337:2004/Cor.1:2007

Plastics - Polyamides - Determination of ϵ -caprolactam and ω -laurolactam by gas chromatography

Keel en

EVS-EN ISO 12086-2:2006/AC:2009

Hind 0,00

Identne EN ISO 12086-2:2006/AC:2009

ja identne ISO 12086-2:2006/Cor.1:2006

Plastid. Fluoropolümeer-disperssed süsteemid ning vormimis- ja ekstrusioonimaterjalid. Osa 2: Proovikehade ettevalmistamine ja omaduste määramine

Keel en

91 EHITUSMATERJALID JA EHITUS

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TR 15840:2009

Hind 243,00

Identne CEN/TR 15840:2009

Evaluation of conformity of fly ash for concrete - Guidelines for the application of EN 450-2

This document specifies the scheme for the evaluation of conformity of fly ash according to EN 450-1:2005. The document provides technical rules for the production control by the producer, including autocontrol testing of samples. It also provides rules for actions to be followed in the event of non-conformity, the procedure for the certification of conformity and requirements for dispatching centres. Guidance EN 450-2 deals with the evaluation of conformity of fly ash submitted for certification. It deals in particular with cases where "further testing" of the product is undertaken, as is the case for attestation system 1 + under the Construction Products Directive. The product for which EN 450-2 applies is defined in EN 450-1:2005 as fly ash for the production of concrete which consists of a fine powder of mainly spherical, glassy particles, derived from burning of pulverised coal, with or without co-combustion materials, which has pozzolanic properties.

Keel en

CEN/TR 15855:2009

Hind 178,00

Identne CEN/TR 15855:2009

Construction products - Assessment of release of dangerous substances - Barriers to trade

Keel en

CEN/TR 15858:2009

Hind 219,00

Identne CEN/TR 15858:2009

Construction products - Assessment of the release of regulated dangerous substances from construction products based on the WT, WFT/FT procedures

This CEN Technical Report describes a procedure for assessing construction products with regards to their release/emission of regulated dangerous substances (RDS) into the environment in accordance with Essential Requirement Number 3 of the Construction Products Directive (CPD), as far as these construction products fall under the responsibility of CEN.

Keel en

EVS 840:2009

Hind 155,00

ja identne EVS 840:2003

Radooniohutu hoone projekteerimine

Standard on koostatud eesmärgiga anda projekteerijatele ja ehitajatele juhiseid sellise hoone ehitamiseks, kus välditakse tervistkahjustava radooni lubatud piirkontsentratsiooni ületamist elu-, töö- ja puhkeruumides. Tinglikult nimetatakse vastavalt standardis antud soovitudele ehitatud hoonet edaspidi radooniohutuks hooneks. Radoonist lähtub terviserisk igasuguse kontsentratsiooni juures, kuid standardis kehtestatud piirväärtuse juures on tervisekahjustuse ilmumine väikese tõenäosusega. Standard käsitleb ka gammakiirguse doosikiiruse normväärtust.

Keel et

Asendab EVS 840:2003

EVS-EN 1168:2006+A2:2009

Hind 271,00

Identne EN 1168:2005+A2:2009

**Betoonvalmistooted. Õõnespaneelid
KONSOLIDEERITUD TEKST**

Käesolev Euroopa standard käsitleb normaaltihedusega raud- või pingebetoonist õõnespaneelidele esitatavaid nõudeid ja peamisi toimivuskriteeriume ning vajaduse korral spetsifitseerib minimaalsed väärtused vastavalt standardile EN 1992-1-1:2004. Käesolev standard hõlmab terminoloogiat, toimivuskriteeriume, tolerantse, asjakohaseid füüsikalisi omadusi, spetsiaalseid katsemeetodeid ja transpordi ning montaaži iseärasusi.

Keel en

Asendab EVS-EN 1168:2006+A1:2008

EVS-EN 1429:2009

Hind 105,00

Identne EN 1429:2009

Bitumen and bituminous binders - Determination of residue on sieving of bitumen emulsions, and determination of storage stability by sieving

This European Standard specifies methods utilizing sieving for the determination of the quantity of coarse particles of binder present in bitumen emulsions, and for the determination of storage stability. WARNING — The 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 determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 1429:2000

EVS-EN 1430:2009

Hind 92,00

Identne EN 1430:2009

Bitumen and bituminous binders - Determination of particle polarity of bituminous emulsions

This European Standard specifies a method for the determination of the particle polarity of bituminous emulsions. WARNING — The 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 determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 1430:2000

EVS-EN 1431:2009

Hind 124,00

Identne EN 1431:2009

Bitumen and bituminous binders - Determination of residual binder and oil distillate from bitumen emulsions by distillation

This European Standard specifies a method for the quantitative determination of residual binder and oil distillate in bituminous emulsions. The method can also be used to obtain residue and oil distillate for further testing. NOTE The properties of the material recovered in the test are not necessarily the same as those of the original materials from which the emulsion was produced, especially for polymer modified bitumens. WARNING — The 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 determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 1431:2000

EVS-EN 1993-1-1:2006/AC:2009

Hind 0,00

Identne EN 1993-1-1:2005/AC:2009

Eurokoodeks 3. Teraskonstruksioonide projekteerimine. Osa 1-1: Üldreeglid ja reeglid hoonete projekteerimiseks.

Keel en

EVS-EN 1993-1-5:2006/AC:2009

Hind 0,00

Identne EN 1993-1-5:2006/AC:2009

Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 1-5: Tasapinnalised konstruksioonielemendid.

Keel en

EVS-EN 1993-1-7:2007/AC:2009

Hind 0,00

Identne EN 1993-1-7:2007/AC:2009

Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 1-7: Tasapinnaliste konstruksioonide projekteerimine, millele mõjuvad koormused pole samas tasapinnas.

Keel en

EVS-EN 1993-1-9:2006/AC:2009

Hind 0,00

Identne EN 1993-1-9:2005/AC:2009

Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 1-9: Väsimusarvutus

Keel en

EVS-EN 1993-4-1:2007/AC:2009

Hind 0,00

Identne EN 1993-4-1:2007/AC:2009

Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 4-1: Puistemahutid.

Keel en

EVS-EN 1993-1-10:2006/AC:2009

Hind 0,00

Identne EN 1993-1-10:2005/AC:2009

Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 1-10: Materjali sitkus ja paksusesuunalised omadused.

Keel en

EVS-EN 1994-1-1:2007/AC:2009

Hind 0,00

Identne EN 1994-1-1:2004/AC:2009

Eurokoodeks 4: Terasest ja betoonist komposiitkonstruktsioonide projekteerimine. Osa 1-1: Üldreeglid ja reeglid hoonete projekteerimiseks.

Keel en

EVS-EN 1998-2:2006/A1:2009

Hind 114,00

Identne EN 1998-2:2005/A1:2009

Eurokoodeks 8: Maavärinat taluvate konstruktsioonide projekteerimine. Osa 2: Sillad

The scope of Eurocode 8 is defined in EN 1998-1:2004, 1.1.1 and the scope of this Standard is defined in 1.1.1. Additional parts of Eurocode 8 are indicated in EN 1998-1:2004, 1.1.3.

Keel en

EVS-EN 12350-1:2009

Hind 92,00

Identne EN 12350-1:2009

Betoonisegu katsetamine. Osa 1: Proovide võtmine

Käesolev standard esitab betoonisegu koond- ja kohtproovide võtmise meetodid. Kui betooni segamine ja proovide võtmine toimub laboris, võidakse nõuda siintoodutest erinevaid menetlusi.

Keel en

Asendab EVS-EN 12350-1:2002

EVS-EN 12350-2:2009

Hind 105,00

Identne EN 12350-2:2009

Betoonisegu katsetamine. Osa 2: Vajumiskatse

Käesolev standard esitab betoonisegu konsistentsi määramise meetodi, mis põhineb koonuse vajumi mõõtmisel. Vajumiskatse on betooni konsistentsi muutuste suhtes tundlik 10 mm kuni 200 mm suuruste vajumite puhul. Väljaspool nimetatud piirväärtusi võib vajumiskatse osutada ebasobivaks ja sel juhul tuleks kaaluda teiste konsistentsi määramise meetodite kasutamist. Kui vajum muutub pärast vormi eemaldamist rohkem kui minuti vältel, ei ole antud katse konsistentsi määramiseks sobiv. Katse ei ole sobiv, kui täitematerjali terasuuruse suurim nimimõõde ületab 40 mm.

Keel en

Asendab EVS-EN 12350-2:2002

EVS-EN 12350-3:2009

Hind 105,00

Identne EN 12350-3:2009

Betoonisegu katsetamine. Osa 3: Vebe katse

Käesolev standard esitab betoonisegu konsistentsi määramise meetodi, mis põhineb vajumisaja mõõtmisel. Meetod ei ole Rakendatav, kui täitematerjali terasuuruse suurim nimimõõde ületab 63 mm. Kui vajumisaeg on alla 5 s või üle 30 s, siis ei ole betooni konsistents Vebe katseks sobiv.

Keel en

Asendab EVS-EN 12350-3:2002

EVS-EN 12350-4:2009

Hind 92,00

Identne EN 12350-4:2009

Betoonisegu katsetamine. Osa 4: Tihendatavusaste

Käesolev standard esitab betoonisegu konsistentsi määramise meetodi, mis põhineb tihendatavusaste hindamisel. Meetod ei ole kasutatav, kui täitematerjali terasuuruse suurim nimimõõde ületab 63 mm. Kui tihendatavusaste on väiksem kui 1,04 või suurem kui 1,46, siis ei ole betooni konsistentsi võimalik tihendatavusaste põhjal määrata.

Keel en

Asendab EVS-EN 12350-4:2002

EVS-EN 12350-5:2009

Hind 114,00

Identne EN 12350-5:2009

Betoonisegu katsetamine. Osa 5: Valguvuskatse

Käesolev standard esitab betoonisegu valguvuse määramise meetodi. Meetod ei ole kasutatav vaht- ja korebetooni puhul ega juhul, kui täitematerjali terasuuruse suurim nimimõõde ületab 63 mm.

Keel en

Asendab EVS-EN 12350-5:2002

EVS-EN 12418:2000+A1:2009

Hind 219,00

Identne EN 12418:2000+A1:2009

Müüritis- ja kivitükelduspingid tööobjektil. Ohutus KONSOLIDEERITUD TEKST

This European Standard applies to transportable masonry and stone cutting-off machines stationary during work, principally used on job site building construction for cutting-off stones, other mineral construction materials and composite materials having at least one supporting surface. The power for the tool rotation is supplied by electrical or internal combustion prime motor. This European Standard deals with all significant hazards pertinent to masonry and stone cutting-off machines for job site (see clause 4), when they are used as intended and under the conditions foreseen by the manufacturer. This European Standard specifies the appropriate technical measures to eliminate or reduce risks arising from the significant hazards. These machines are designed for use with rotating diamond cutting-off wheels with a continuous rim and/or segmented rim.

Keel en

Asendab EVS-EN 12418:2000

EVS-EN 12847:2009

Hind 105,00

Identne EN 12847:2009

Bitumen and bituminous binders - Determination of settling tendency of bitumen emulsions

This European Standard specifies a method for the determination of the settling tendency of bituminous emulsions. WARNING — The use of this standard can 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 determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 12847:2002

EVS-EN 12848:2009

Hind 92,00

Identne EN 12848:2009

Bitumen and bituminous binders - Determination of mixing stability with cement of bitumen emulsions

This European Standard specifies a method for the determination of mixing stability of bituminous emulsions with cement. It applies to over-stabilized cationic bituminous emulsions and to slow-setting and over-stabilized anionic bituminous emulsions. WARNING — The use of this standard can 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 determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 12848:2002

EVS-EN 12849:2009

Hind 105,00

Identne EN 12849:2009

Bitumen and bituminous binders - Determination of penetration power of bitumen emulsions

This European Standard specifies a method for the determination of the penetration power of bituminous emulsions, through reference filler. This test method is applicable to low-viscosity bituminous emulsions. WARNING — The use of this standard can 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 determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 12849:2002

EVS-EN 12850:2009

Hind 92,00

Identne EN 12850:2009

Bitumen and bituminous binders - Determination of the pH value of bitumen emulsions

This European Standard specifies a method for measuring the pH value of bituminous emulsions. It is applicable to anionic, cationic bituminous emulsions and bituminous emulsions prepared by means of non – ionic surfactant. NOTE In certain circumstances, the pH value can provide an indication of the ionic character of a bitumen emulsion. However, this indication should be confirmed by a particle polarity test conforming to EN 1430 [1]. WARNING — The use of this standard can 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 determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 12850:2002

EVS-EN 13075-1:2009

Hind 124,00

Identne EN 13075-1:2009

Bitumen and bituminous binders - Determination of breaking behaviour - Part 1: Determination of breaking value of cationic bitumen emulsions, mineral filler method

This European Standard specifies a method for the determination of the breaking value of cationic bituminous emulsions. WARNING — The 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 determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 13075-1:2002

EVS-EN 13075-2:2009

Hind 92,00

Identne EN 13075-2:2009

Bitumen and bituminous binders - Determination of breaking behaviour - Part 2: Determination of fines mixing time of cationic bitumen emulsions

This European Standard specifies a method for the determination of the fines mixing time of diluted cationic bituminous emulsions, under standardized conditions. WARNING — The 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 determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 13075-2:2002

EVS-EN 13084-7:2005/AC:2009

Hind 0,00

Identne EN 13084-7:2005/AC:2009

Toestamata korstnad. Osa 7: Ühekihilise seinaga teraskorstnate ja vooderdiste ehitamisel kasutatavate silindriliste terastoodete tootespetsifikatsioonid

Keel en

EVS-EN 13263-1:2005+A1:2009

Hind 166,00

Identne EN 13263-1:2005+A1:2009

Räniaurud betoonile. Osa 1: Definiitsioonid, nõuded ja vastavuskriteeriumid KONSOLIDEERITUD TEKST

This European Standard applies to the silica fume which is a by-product of the smelting process used to produce silicon metal and ferro-silicon alloys. This part of EN 13263 gives requirements for chemical and physical properties for silica fume to be used as a type II addition in concrete conforming to EN 206-1, or in mortars, grouts and other mixes. This part of EN 13263 also states conformity criteria and related rules. EN 13263 does not give rules for the use of silica fume in concrete. Some rules are given in EN 206-1.

Keel en

Asendab EVS-EN 13263-1:2005

EVS-EN 13263-2:2005+A1:2009

Hind 155,00

Identne EN 13263-2:2005+A1:2009

Räniaurud betoonile. Osa 2: Vastavushindamine KONSOLIDEERITUD TEKST

This part of EN 13263 specifies the scheme for the evaluation of conformity of silica fume to EN 13263-1, including certification of conformity by a certification body. This European Standard provides technical rules for production control by the manufacturer, including autocontrol testing of samples, and for the tasks of the certification body. It also provides rules for actions to be followed in the event of non-conformity and the procedure for the certification of conformity.

Keel en

Asendab EVS-EN 13263-2:2005

EVS-EN 13303:2009

Hind 114,00

Identne EN 13303:2009

Bitumen and bituminous binders - Determination of the loss in mass after heating of industrial bitumen

This European Standard specifies a method for the determination of the loss in mass of industrial bitumen after heating. The method is used to detect volatile components. NOTE The users of the method are encouraged to gather comparative information on binders using this standard, EN 13303 and EN 12607-2 [1] at 163 °C to facilitate the withdrawal of EN 13303 at the next systematic review. WARNING — The 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 13303:2003

EVS-EN 13304:2009

Hind 80,00

Identne EN 13304:2009

Bituumen ja bituumensideained. Oksüdeeritud bituumenite määratlemise alused

This European Standard provides a framework for the specification of oxidised bitumens used mainly in roofing, waterproofing, adhesives and thermal and phonic insulations. Within Europe several types of oxidised bitumens are used and, dependent on climatic conditions, type of building construction and traditional practices, different grades may be used for the same purpose. The framework given in this European standard provides a basis for quality agreements to be established between supplier and client. The oxidised bitumen products are graded by a combination of the values of ring and ball softening point, and penetration at 25 °C, expressed as multiples of 5.

Keel en

Asendab EVS-EN 13304:2003

EVS-EN 13305:2009

Hind 80,00

Identne EN 13305:2009

Bitumen and bituminous binders - Framework of specification of hard industrial bitumens

This European Standard provides a framework for the specification of hard industrial bitumens used mainly in flooring, varnishes, mineral rubber, roofing and mastic. Within Europe several types of hard industrial bitumen are used, and dependent upon traditional practices, different grades may be used for the same purpose. The framework given in this European standard provides a basis for quality agreements to be established between supplier and client. The hard industrial bitumen products are graded by the limits of the ring and ball softening point values, expressed as multiples of 5, and are characterised by an H in front of the values.

Keel en

Asendab EVS-EN 13305:2003

EVS-EN 15027:2007+A1:2009

Hind 219,00

Identne EN 15027:2007+A1:2009

Kantav seinasaag ja juhtmelõikur töökojal kasutamiseks. Ohutus KONSOLIDEERITUD TEKST

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

Keel en

Asendab EVS-EN 15027:2007

EVS-EN 15665:2009

Hind 219,00

Identne EN 15665:2009

Hoonete ventilatsioon. Elamute ventilatsioonisüsteemide projekteerimise kriteeriumide määratlemine

This European Standard sets out criteria to assess the performance of residential ventilation systems (for new, existing and refurbished buildings) which serve single family, multi family and apartment type dwellings throughout the year. This European Standard specifies ways to determine performance criteria to be used for design levels in regulations and/or standards. These criteria are meant to be applied to, in particular: - mechanically ventilated building (mechanical exhaust, mechanical supply or balanced system); - natural ventilation with stack effect for passive ducts; - hybrid system switching between mechanical and natural modes; - windows opening by manual operation for airing or summer comfort issues. This European Standard considers aspects of hygiene and indoor air quality. Health risk from exposure to tobacco smoke is excluded from this European Standard.

Keel en

EVS-EN ISO 140-14:2004/AC:2009

Hind 0,00

Identne EN ISO 140-14:2004/AC:2009

ja identne ISO 140-14:2004/Cor.1:2007

Acoustics - Measurement of sound insulation in buildings and of building elements - Part 14: Guidelines for special situations in the field

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS 840:2003**

ja identne EVS 840:2003

Radooniohutu hoone projekteerimine

Standard on koostatud eesmärgiga anda projekteerijatele ja ehitajatele juhiseid radooniohutu hoone ehitamiseks, vältimaks tervistkahjustava radooni lubatud piirkontsentratsiooni ületamist ruumides, kus inimesed pikemat aega viibivad.

Keel et

Asendatud EVS 840:2009

EVS-EN 1168:2006+A1:2008

Identne EN 1168:2005+A1:2008

Betoonvalmistooted. Õõnespaneelid KONSOLIDEERITUD TEKST

This European Standard deals with the requirements and the basic performance criteria and specifies minimum values where appropriate for precast hollow core slabs made of prestressed or reinforced normal weight concrete according to EN 1992-1-1:2004. This European Standard covers terminology, performance criteria, tolerances, relevant physical properties, special test methods, and special aspects of transport and erection. Hollow core elements are used in floors, roofs, walls and similar applications. In this European Standard the material properties and other requirements for floors and roofs are dealt with; for special use in walls and other applications, see the relevant product standards for possible additional requirements. The elements have lateral edges provided with a longitudinal profile in order to make a shear key for transfer of vertical shear through joints between contiguous elements. For diaphragm action the joints have to function as horizontal shear joints. The elements are manufactured in factories by extrusion, slipforming or mouldcasting. The application of the standard is limited for prestressed elements to a maximum depth of 1500 mm and a maximum width of 1 200 mm. For reinforced elements the maximum depth is limited to 300 mm and the maximum width without transverse reinforcement to 1 200 mm and with transverse reinforcement to 2 400 mm. The elements may be used in composite action with an in situ structural topping cast on site. The applications considered are floors and roofs of buildings, including areas for vehicles in the category F and G of EN 1991-2 which are not subjected to fatigue loading. For building in seismic zones additional provisions are given in EN 1998-1. This European Standard does not deal with complementary matters. E.g. the slabs should not be used in roofs without additional protection against water penetration.

Keel en

Asendab EVS-EN 1168:2006

Asendatud EVS-EN 1168:2006+A2:2009

EVS-EN 1429:2000

Identne EN 1429:1999

Petroleum products - Bitumen and bituminous binders - Determination of residue on sieving of bitumen emulsions, and determination of storage stability by sieving

This standard specifies methods utilizing sieving for the determination of the quantity of coarse particles of binder present in bitumen emulsions, and for the determination of storage stability.

Keel en

Asendatud EVS-EN 1429:2009

EVS-EN 1430:2000

Identne EN 1430:1999

Petroleum products - Bitumen and bituminous binders - Determination of particle polarity of bitumen emulsions

This European Standard specifies a method for the determination of the polarity of the bitumen particles in bitumen emulsions.

Keel en

Asendatud EVS-EN 1430:2009

EVS-EN 1431:2000

Identne EN 1431:1999

Petroleum products - Bitumen and bituminous binders - Determination of recovered binder and oil distillate from bitumen emulsions by distillation

This European Standard specifies the quantitative determination of recovered binder and oil distillate in bitumen emulsions composed principally of a semisolid or liquid bituminous base, water and an emulsifying agent.

Keel en

Asendatud EVS-EN 1431:2009

EVS-EN 12350-2:2002

Identne EN 12350-2:1999

Betoonisegu katsetamine. Osa 2: Vajumiskatse

Käesolev standard esitab betoonisegu konsistentsi määramise meetodi, mis põhineb koonuse vajumi mõõtmisel. Vajumiskatse on betooni konsistentsi muutuste suhtes tundlik 10 mm kuni 200 mm suuruste vajumite puhul. Väljaspool nimetatud piirväärtusi võib vajumiskatse osutada ebasobivaks ja sel juhul tuleks kaaluda teiste konsistentsi määramise meetodite kasutamist. Kui vajum muutub pärast vormi eemaldamist rohkem kui minuti vältel, ei ole antud katse konsistentsi määramiseks sobiv. Katse ei ole sobiv, kui täitematerjali terasuuruse suurim nimimõõde ületab 40 mm.

Keel et

Asendatud EVS-EN 12350-2:2009

EVS-EN 12350-3:2002

Identne EN 12350-3:1999

Betoonisegu katsetamine. Osa 3: Vebe katse

Käesolev standard esitab betoonisegu konsistentsi määramise meetodi, mis põhineb vajumisaja mõõtmisel.

Meetod ei ole rakendatav, kui täitematerjali terasuuruse suurim nimimõõde ületab 63 mm. Kui vajumisaeg on alla 5 s või üle 30 s, siis ei ole betooni konsistents Vebe katseks sobiv.

Keel et

Asendatud EVS-EN 12350-3:2009

EVS-EN 12350-4:2002

Identne EN 12350-4:1999

Betoonisegu katsetamine. Osa 4: Tihendatavusaste

Käesolev standard esitab betoonisegu konsistentsi määramise meetodi, mis põhineb tihendatavusastme hindamisel. Meetod ei ole kasutatav, kui täitematerjali terasuuruse suurim nimimõõde ületab 63 mm. Kui tihendatavusaste on väiksem kui 1,04 või suurem kui 1,46, siis ei ole betooni konsistentsi võimalik tihendatavusastme põhjal määrata.

Keel et

Asendatud EVS-EN 12350-4:2009

EVS-EN 12350-5:2002

Identne EN 12350-5:1999

Betoonisegu katsetamine. Osa 5: Valguvuskatse

Käesolev standard esitab betoonisegu valguvuse määramise meetodi. Meetod ei ole kasutatav vaht- ja korebetooni puhul ega juhul, kui täitematerjali terasuuruse suurim nimimõõde ületab 63 mm.

Keel et

Asendatud EVS-EN 12350-5:2009

EVS-EN 12350-1:2002

Identne EN 12350-1:1999

Betoonisegu katsetamine. Osa 1: Proovide võtmine

Käesolev standard esitab betoonisegu koond- ja kohtproovide võtmise meetodid. Kui betooni segamine ja proovide võtmine toimub laboris, võidakse nõuda siintoodetest erinevaid menetlusi.

Keel et

Asendatud EVS-EN 12350-1:2009

EVS-EN 12418:2000

Identne EN 12418:2000

Müüritis- ja kivitükelduspingid tööobjektidel. Ohutus

This European Standard applies to masonry and stone cutting-off machines stationary during work, principally used on job site building construction for cutting-off stones, other mineral construction materials and composite materials having at least one supporting surface.

Keel en

Asendatud EVS-EN 12418:2000+A1:2009

EVS-EN 12847:2002

Identne EN 12847:2002

Bitumen and bituminous binders - Determination of settling tendency of bitumen emulsions

This European Standard specifies a method for the determination of the settling tendency of bitumen emulsions.

Keel en

Asendatud EVS-EN 12847:2009

EVS-EN 12848:2002

Identne EN 12848:2002

Bitumen and bituminous binders - Determination of mixing stability with cement of bitumen emulsions

This European Standard specifies a method for the determination of mixing stability of bitumen emulsions with cement. It applies to over-stabilized cationic bitumen emulsions and to slow-setting and over-stabilized anionic bitumen emulsions.

Keel en

Asendatud EVS-EN 12848:2009

EVS-EN 12849:2002

Identne EN 12849:2002

Bitumen and bituminous binders - Determination of penetration power of bitumen emulsions

This European Standard specifies a method for the determination of the penetration power of bitumen emulsions. This test method is applicable to low-viscosity bitumen emulsions.

Keel en

Asendatud EVS-EN 12849:2009

EVS-EN 12850:2002

Identne EN 12850:2002

Bitumen and bituminous binders - Determination of the pH value of bitumen emulsions

This European Standard specifies a method for measuring the pH value of bitumen emulsions. It is applicable to anionic, cationic and non-ionic bitumen emulsions.

Keel en

Asendatud EVS-EN 12850:2009

EVS-EN 13075-2:2002

Identne EN 13075-2:2002

Bitumen and bituminous binders - Determination of breaking behaviour - Part 2: Determination of fines mixing time of cationic bitumen emulsions

This European Standard specifies a method for the determination of the fines mixing time of cationic bitumen emulsions, under standardized conditions.

Keel en

Asendatud EVS-EN 13075-2:2009

EVS-EN 13075-1:2002

Identne EN 13075-1:2002

Bitumen and bituminous binders - Determination of breaking behaviour - Part 1: Determination of breaking value of cationic bitumen emulsions, mineral filler method

This European Standard specifies a method for the determination of the breaking value of cationic bitumen emulsions.

Keel en

Asendatud EVS-EN 13075-1:2009

EVS-EN 13263-1:2005

Identne EN 13263-1:2005

Räniaurud betoonile. Osa 1: Definitsioonid, nõuded ja vastavuskriteeriumid

This European Standard applies to the silica fume which is a by-product of the smelting process used to produce silicon metal and ferro-silicon alloys.

Keel en

Asendatud EVS-EN 13263-1:2005+A1:2009

EVS-EN 13263-2:2005

Identne EN 13263-2:2005

Räniaurud betoonile. Osa 2: Vastavushindamine

This part of prEN 13263 specifies the scheme for the evaluation of conformity of silica fume to prEN 13263-1, including certification of conformity by a certification body.

Keel en

Asendatud EVS-EN 13263-2:2005+A1:2009

EVS-EN 13304:2003

Identne EN 13304:2003

Bituumen ja bituumensideained. Oksüdeeritud bituumenite määratlemise alused

Euroopa standard annab peamiselt katuseehitusel, niiskuisolatsioonil ja liimides kasutatava oksüdeeritud bituumeni määratlemise raamistiku.

Keel et

Asendatud EVS-EN 13304:2009

EVS-EN 13305:2003

Identne EN 13305:2003

Bitumen and bituminous binders - Framework of specification of hard industrial bitumens

This European Standard provides a framework for the specification of hard industrial bitumen used mainly in flooring, varnishes, mineral rubber, roofing and mastic. Within Europe several types of hard industrial bitumen are used, and dependent upon traditional practices, different grades may be used for the same purpose. The framework given in this Standard provides a basis for quality agreements to be established between supplier and client

Keel en

Asendatud EVS-EN 13305:2009

EVS-EN 13862:2002

Identne EN 13862:2001

Floor cutting-off machines - Safety

This European Standard applies to self-propelled ride on and pedestrian controlled floor sawing machines having power feed, manual feed or hand feed for sawing, grooving and milling floor surfaces made of concrete, asphalt and similar mineral building materials where the main power is supplied by electric or internal combustion prime engine.

Keel en

Asendab EVS-EN 500-5:1999

Asendatud EVS-EN 13862:2002+A1:2009

EVS-EN 15027:2007

Identne EN 15027:2007

Kantav seinasaag ja juhtmelõikur töökohal kasutamiseks. Ohutus

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

Keel en

Asendatud EVS-EN 15027:2007+A1:2009

KAVANDITE ARVAMUSKÜSITLUS**EN 12001:2004/prA1**

Identne EN 12001:2003/prA1:2009

Tähtaeg 29.06.2009

Betooni ja mördi vedamise, pritsimise ja laotamise masinad. Ohutusnõuded

1.1 This standard specifies the safety requirements for:- conveying machines;- spraying machines;- placing machines for concrete and mortar or their components. The machinery can be stationary or mobile. This standard covers the machines described in 3.3 to 3.9

Keel en

FprEN 480-13

Identne FprEN 480-13:2009

Tähtaeg 29.06.2009

Admixtures for concrete, mortar and grout - Test methods - Part 13: Reference masonry mortar for testing mortar admixtures

This standard specifies the constituent materials, the composition and the mixing procedure to produce a reference masonry mortar with a prescribed consistence for testing mortar admixtures as defined in EN 934-3. It also describes the determination of the water reduction of the test mix compared to the control mix.

Keel en

Asendab EVS-EN 480-13:2002

FprEN 13670

Identne FprEN 13670:2009

Tähtaeg 29.06.2009

Execution of concrete structures

(1) This European Standard gives common requirements for execution of concrete structures, it applies to both in-situ works and construction using prefabricated concrete elements. (2) This standard expects the execution specification to state all the specific requirements relevant to the particular structure. (3) This standard is applicable to permanent as well as temporary concrete structures. (4) Additional or different requirements should be considered and, if required, given in the execution specification when using: a) lightweight aggregate concrete; b) other materials (e.g. fibres) or constituent materials; c) special technologies/innovative designs.

Keel en

Asendab EVS-ENV 13670-1:2003

FprEN ISO 11691

Identne FprEN ISO 11691:2009

ja identne ISO 11691:1995

Tähtaeg 29.06.2009

Akustika.Torustikku paigaldatud summuti summutusvõime mõõtmine ilma läbivooluta.

Laboriseiremeetod

Standard kirjeldab laboratoorset asendusmeetodit torustikku ühendatud, peamiselt neelavate ringi- ja ristkülikukujulise ristlõikega summutite, samuti ka teiste ventilatsioon- ja õhukonditsioneerimissüsteemis kasutatavatel torustikuelementidel summutusvõime ilma vooluta määramiseks.

Keel en

Asendab EVS-EN ISO 11691:1999

FprHD 60364-7-702

Identne FprHD 60364-7-702:2009

ja identne IEC 60364-7-702:200X

Tähtaeg 29.06.2009

Low-voltage electrical installations - Part 7-702: Requirements for special installations or locations - Swimming pools and fountains

This part applies to electrical installations of: - basins of swimming and paddling pools and in their surrounding zones; - areas in natural waters, lakes in gravel pits and coastal and similar areas, specially intended to be occupied by persons for swimming, paddling and similar purposes, and their surrounding zones. Such areas in natural waters, lakes in gravel pits and coastal and similar areas, are considered as swimming pools; - basins of fountains and their surrounding zones.

Keel en

Asendab EVS-HD 384.7.702 S2:2004

prEN 806-5

Identne prEN 806-5:2009

Tähtaeg 29.06.2009

Specification for installations inside buildings conveying water for human consumption - Part 5: Operation and Maintenance

This European Standard specifies requirements and gives recommendations for the operation and maintenance of drinking water installations within buildings and for pipework outside buildings but within the premises in accordance with EN 806-1.

Keel en

prEN 13618

Identne prEN 13618:2009

Tähtaeg 29.06.2009

Flexible hose assemblies in drinking water installations - Functional requirements and test methods

This European Standard specifies the requirements and test methods for materials, dimensions and function for flexible hose assemblies designed for use with drinking water with a maximum static pressure of 1 MPa and maximum operating temperature 70 °C. This standard is applicable to flexible hose assemblies intended to be used in drinking water installations in accordance with EN 806-2:2005 for application class 2 to connect sanitary tap ware, heaters and similar appliances.

Keel en

prEN 13633

Identne prEN 13633:2009

Tähtaeg 29.06.2009

Building hardware - Electrically controlled panic exit systems for use on escape routes - Requirements and test methods

This European standard specifies requirements for the manufacture, performance and testing of electrically controlled panic exit systems, specifically designed for use in a panic situation on escape routes. These systems consist of at least the following elements: - Requesting element integrated in a horizontal bar for requesting the release of electrical locking elements in one single operation in order to exit; - Electrical locking element for securing an exit door; - Electrical controlling element for supplying, connecting and controlling electrical locking element and requesting element. This European Standard covers panic exit systems placed on the market as a complete unit (e.g. mortise lock, cylinder, keeper, requesting element integrated in a horizontal bar, electrical locking element, electrical controlling element, etc.). The components are tested as a single product.

Keel en

prEN 13637

Identne prEN 13637:2009

Tähtaeg 29.06.2009

Building hardware - Electrically controlled exit systems for use on escape routes - Requirements and test methods

This European standard specifies requirements for the manufacture, performance and testing of electrically controlled escape exit systems, specifically designed for use in an emergency situation on escape routes. These systems consist of at least the following elements: - Requesting element for requesting the release of electrical locking element in order to exit; - Electrical locking element for securing an emergency exit door; - Electrical controlling element for supplying, connecting and controlling electrical locking element and requesting element. - In addition, these electrically controlled escape exit systems can include time delay and/or denied egress mode. This European Standard covers escape exit systems placed on the market as a complete unit (e.g. mortise lock, lever handle, cylinder, keeper, requesting element, electrical locking element, electrical controlling element, etc.). The components are tested as a single product.

Keel en

prEN 15269-2

Identne prEN 15269-2:2009

Tähtaeg 29.06.2009

Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware - Part 2: Fire resistance of hinged and pivoted steel doorsets

This Part of prEN 15269, which should be read in conjunction with prEN 15269-1, covers single and double leaf, hinged and pivoted, steel based doorsets. This document prescribes the methodology for extending the application of test results obtained from test(s) conducted in accordance with EN 1634-1. Subject to the completion of the appropriate test or tests selected from those identified in Clause 4 the extended application may cover all or some of the following non-exhaustive list: - Integrity only (E), radiation (EW) or insulated (EI1 or EI2) classifications; - door leaf; - wall/ceiling fixed elements (frame/suspension system; - glazing for door leaf; - items of building hardware; - decorative finishes; - intumescent, smoke, draught or acoustic seals; - alternative supporting construction(s).

Keel en

prEVS-EN 1991-4:2006+NA

Tähtaeg 29.06.2009

Ehituskonstruksioonide koormused. Osa 4: Puiste- ja vedelikmahutite koormused SISALDAB RAHVUSLIK LISA

EN 1991 provides general principles and actions for the structural design of buildings and civil engineering works including some geotechnical aspects and shall be used in conjunction with EN 1990 and EN 1992-1999.

Keel et

Asendab EVS-EN 1991-4:2006

prEVS-EN 1991-4:2006/NA

Tähtaeg 29.06.2009

Ehituskonstruksioonide koormused. Osa 4: Puiste- ja vedelikmahutite koormused RAHVUSLIK LISA

EN 1991 provides general principles and actions for the structural design of buildings and civil engineering works including some geotechnical aspects and shall be used in conjunction with EN 1990 and EN 1992-1999.

Keel et

93 RAJATISED

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 1401-1:2009

Hind 219,00

Identne EN 1401-1:2009

Plasttorustikusüsteemid maa sees oleva isevoolse dreenaži- ja kanalisatsioonitorustiku jaoks. Plastifitseerimata polüvinüülkloriid (PVC-U). Osa 1: Tehnilised nõuded torude, liitmike ja süsteemi suhtes

This Part of EN 1401 specifies the requirements for solid wall pipes, fittings and the system of unplasticized poly(vinyl chloride) (PVC-U) piping systems in the field of non-pressure underground drainage and sewerage: a) outside the building structure (application area code "U") and b) both buried in ground within the building structure (application area code "D") and outside the building. This is reflected in the marking of products by "U" and "UD". It also specifies the test parameters for the test methods referred to in this European Standard. This European Standard covers a range of nominal sizes, a range of pipes and fittings series and a range of stiffness classes and gives recommendations concerning colours.

Keel en

Asendab EVS-EN 1401-1:1999

EVS-EN 1436:2007+A1:2009

Hind 178,00

Identne EN 1436:2007+A1:2008

Teekattemärgised. Eksploatatsioonimadused teede kasutajatele KONSOLIDEERITUD TEKST

Käesolev standard määratleb teekasutajate jaoks valgete ja kollaste märgiste toimimise, mis väljendub nende peegeldumises päevavalguses ja teevalgustuses, tagasipeegeldumises sõiduki esitulede valguses, värvis ja libisemiskindluses.

Keel en

Asendab EVS-EN 1436:2007

EVS-EN 1463-1:2009

Hind 178,00

Identne EN 1463-1:2009

Teekattemärgised. Kattelhelkurid. Osa 1: Esmased toimivusnõuded

This European Standard specifies the initial performance requirements and laboratory test methods for retroreflecting road studs intended for use as permanent and temporary road marking materials.

Keel en

Asendab EVS-EN 1463-1:1999+A1:2003

EVS-EN 1852-1:2009

Hind 209,00

Identne EN 1852-1:2009

Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) - Part 1: Specifications for pipes, fittings and the system

This part of EN 1852 specifies the requirements for solid wall pipes, fittings and the system of polypropylene (PP) piping systems intended for use for: - non-pressure underground drainage and sewerage outside the building structure (application area code "U"), and - non-pressure underground drainage and sewerage for both buried in ground within the building structure (application area code "D") and outside the building structure. This is reflected in the marking of products by "U" and "UD". This standard covers PP materials without mineral modifiers. It also specifies the test parameters for the test methods referred to in this standard. This standard covers a range of nominal sizes, and pipe series and gives recommendations concerning colours.

Keel en

Asendab EVS-EN 1852-1:2001; EVS-EN 1852-1:2001/A1:2002

EVS-EN 1998-2:2006/A1:2009

Hind 114,00

Identne EN 1998-2:2005/A1:2009

Eurokoodeks 8: Maavärinat taluvate konstruktsioonide projekteerimine. Osa 2: Sillad

The scope of Eurocode 8 is defined in EN 1998-1:2004, 1.1.1 and the scope of this Standard is defined in 1.1.1. Additional parts of Eurocode 8 are indicated in EN 1998-1:2004, 1.1.3.

Keel en

EVS-EN 13862:2002+A1:2009

Hind 219,00

Identne EN 13862:2001+A1:2009

Põranda soonefreesimisemasinad. Ohutus KONSOLIDEERITUD TEKST

This European Standard applies to pedestrian controlled floor sawing machines having power feed, manual feed or hand feed (see 3.2) for sawing, grooving and milling floor surfaces made of concrete, asphalt and similar mineral building materials where the main power is supplied by electric or internal combustion prime engine. The power transmission of floor sawing machines is mechanical or hydraulic. This European Standard deals with all significant hazards pertinent to floor sawing machines, 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 risks arising from the significant hazards. These machines are designed for use with rotating cutting-off wheels for wet and dry cutting. These cutting-off wheels can be either a diamond cutting-off wheel or a boron nitride cutting-off wheel.

Keel en

Asendab EVS-EN 13862:2002

EVS-EN 14758-1:2006+A1:2009

Hind 209,00

Identne EN 14758-1:2005+A1:2009

Plastics piping systems for non-pressure underground drainage and sewerage – Polypropylene with mineral modifiers (PP-MD) -Part 1: Specifications for pipes, fittings and the system KONSOLIDEERITUD TEKST

This European Standard specifies the requirements for solid-wall pipes, fittings and the system of piping systems made from mineral modified polypropylene materials (PP-MD) in the field of non-pressure underground drainage and sewerage outside the building structure (application area code "U"), and non-pressure underground drainage and sewerage for both buried in ground within the building structure (application area code "D") and outside the building structure. This is reflected in the marking of products by "U" and "UD". It also specifies the test parameters for the test methods referred to in this European Standard. This European Standard covers a range of nominal sizes, a range of pipe series/stiffness classes and gives recommendations concerning colours.

Keel en

Asendab EVS-EN 14758-1:2006

EVS-EN 15626:2009

Hind 114,00

Identne EN 15626:2009

Bitumen and bituminous binders - Determination of adhesivity of cut-back and fluxed bituminous binders by water immersion test - Aggregate method

This document specifies a method for the determination of the adhesivity of cut-back and fluxed bituminous binders coated onto aggregate when immersed in water. WARNING — The use of this document 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

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 1436:2007**

Identne EN 1436:2007

Teekattemärgised. Eksploatatsioonimadused teede kasutajatele

Käesolev standard määratleb teekasutajate jaoks valgete ja kollaste märgiste toimimise, mis väljendub nende peegeldumises päevavalguses ja teevalgustuses, tagasipeegeldumises sõiduki esitulede valguses, värvis ja libisemiskindluses.

Keel et

Asendab EVS-EN 1436:1999/A1:2003; EVS-EN 1436:1999

Asendatud EVS-EN 1436:2007+A1:2009

EVS-EN 1463-1:1999+A1:2003

Identne EN 1463-1:1997+A1:2003

Teekattemärgised. Kattehelkurid. Osa 1: Esmased toimivusnõuded KONSOLIDEERITUD TEKST

Käesolev Euroopa standard täpsustab püsivate ja ajutiste teekattemärgistena kasutatavate kattehelkurite esmased toimivusnõuded ja laboratoorsed katsemetodid.

Keel et

Asendatud EVS-EN 1463-1:2009

EVS-EN 1852-1:2001/A1:2002

Identne EN 1852-1:1999/A1:2002

Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) - Part 1: Specifications for pipes, fittings and the system

The fourth paragraph is changed as follows, including a new note 0 (zero): This standard covers PP materials both with normal E-moduli and with higher E-moduli, designated as HM (higher modulus), and gives a range of nominal sizes, and pipe series and gives recommendations concerning colours

Keel en

Asendatud EVS-EN 1852-1:2009

EVS-EN 14758-1:2006

Identne EN 14758-1:2005

Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene with mineral modifiers (PP-MD) - Part 1: Specifications for pipes, fittings and the system

This European Standard specifies the requirements for solid-wall pipes, fittings and the system of piping systems made from mineral modified polypropylene materials (PP-MD) in the field of non-pressure underground drainage and sewerage outside the building structure (application area code "U"), and nonpressure underground drainage and sewerage for both buried in ground within the building structure (application area code "D") and outside the building structure.

Keel en

Asendatud EVS-EN 14758-1:2006+A1:2009

KAVANDITE ARVAMUSKÜSITLUS**EN 12966-1:2005/prA1**

Identne EN 12966-1:2005/prA1:2009

Tähtaeg 29.06.2009

Vertikaalsed liiklusemärgid maanteedel. Osa 1: Erinevad teavitavad märgid

This document specifies requirements and test methods for new Variable Message Signs (VMS).

Keel en

FprEN 12697-5

Identne FprEN 12697-5:2009

Tähtaeg 29.06.2009

Bituminous mixtures - Test methods for hot mix asphalt - Part 5: Determination of the maximum density

This European Standard specifies test methods for determining the maximum density of a bituminous mixture (voidless mass). It specifies a volumetric procedure, a hydrostatic procedure and a mathematical procedure. The test methods described are intended for use with loose bituminous materials containing paving grade bitumens, modified binders or other bituminous binders used for hot mix asphalt. The tests are suitable for both fresh or aged bituminous materials.

Keel en

Asendab EVS-EN 12697-5:2002+A1:2007

prEN 12697-46

Identne prEN 12697-46:2009

Tähtaeg 29.06.2009

Bituminous mixtures - Test methods for hot mix asphalt - Part 46: Low Temperature Cracking and Properties by Uniaxial Tension Tests

This document (prEN 12697-46:2008) describes uniaxial tension tests for characterising the resistance of an asphalt mixture against low temperature cracking. The results of the uniaxial tension tests can be used to evaluate: - the tensile strength in dependence of the temperature by uniaxial tension stress test (UTST); - the minimum temperature that the asphalt can resist before failure by thermal stress restrained specimen test (TSRST); - the tensile strength reserve in dependence of the temperature (by a combination of TSRST and UTST); - the relaxation time by the relaxation test (RT); - the creep curve to back calculate rheological parameters in tension state by tensile creep tests (TCT); and - the fatigue resistance at low temperatures due to the combination of cryogenic and mechanical loads by uniaxial cyclic tension stress tests (UCTST).

Keel en

95 SÕJATEHNIKA**UUED STANDARDID JA PUBLIKATSIOONID****CWA 15517:2009**

Hind 145,00

Identne CWA 15517:2009

European Handbook for Defence Procurement

The present document gives information about the CEN Workshop 10 "Standardization for Defence Procurement" (2002-2005 for phase I and 2007-2008 for phase II) and its deliverable, the Web site "European Handbook for Defence Procurement". The European Handbook for Defence Procurement contains lists of recommended standards and specifications to be used in Defence Procurement for the following topics: - NBC detectors; - Energetic materials; - Fuels and lubricants; - Batteries; - Packaging; - Electrical interfaces; - Electromagnetic environment; - Environmental engineering; - Armoured Land Vehicle Technology; - Ammunition; - Paints and Coatings; - Fluid Handling Systems; - Life Cycle (Project) Management; - Life Cycle Management (Technical Documentation); - Quality of electric power supply – Portable electric power generators; - Terminology. It contains also descriptions of the procedures for Defence Procurement and production of Defence-related standards in the participating member countries.

Keel en

97 OLME. MEELELAHUTUS. SPORT

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TR 15371:2009

Hind 178,00

Identne CEN/TR 15371:2009

Safety of toys - Replies to requests for interpretation of EN 71-1, EN 71-2, and EN 71-8

The purpose of this CEN Technical Report is to provide replies to requests for interpretations of EN 71-1:2005, Safety of toys – Part 1: Mechanical and physical properties (including amendments A1, A3, A4, A5 and A6:2008) EN 71-2:2006, Safety of toys – Part 2: Flammability (including amendment A1:2007) EN 71-8:2003, Safety of toys – Part 8: Swings, slides and similar activity toys for indoor and outdoor family domestic use (including amendment A1:2006)

Keel en

Asendab CEN/TR 15371:2006

EVS-EN 71-3:1999/AC:2002

Hind 0,00

Identne EN 71-3:1994/AC:2002

Mänguasjade ohutus. Osa 3: Teatud elementide migratsioon

Keel en

EVS-EN 12720:2009

Hind 135,00

Identne EN 12720:2009

Mööbel. Pinna vastupidavuse hindamine külmadele vedelikele

This European standard specifies a method for the assessment of the resistance to cold liquids of all rigid furniture surfaces regardless of materials. It does not apply to leather and textile surfaces. The test is intended to be carried out on a part of the finished furniture, but can be carried out on test panels of the same material, finished in an identical manner to the finished product, and of a size sufficient to meet the requirements of the test. The test shall be carried out on unused surfaces. The type and number of test liquids (Annex A) and the test periods (Table 1) shall be stated in requirement specifications or shall be agreed upon between purchaser and supplier or interested parties. Annex A (normative) includes a selection of suitable test liquids. Other liquids can be used if required. Annex B (informative) describes a direct light source.

Keel en

Asendab EVS-EN 12720:1999

EVS-EN 12721:2009

Hind 124,00

Identne EN 12721:2009

Mööbel. Pinna vastupidavuse hindamine niiskele kuumusele

This European standard specifies a method for the assessment of the resistance to wet heat of all rigid furniture surfaces regardless of materials. It does not apply to leather and textile surfaces. The test is intended to be carried out on a part of the finished furniture, but can be carried out on test panels of the same material, finished in an identical manner to the finished product, and of a size sufficient to meet the requirements of the test. The test should be carried out on unused surfaces. Annex A (informative) describes a direct light source.

Keel en

Asendab EVS-EN 12721:1999

EVS-EN 12722:2009

Hind 124,00

Identne EN 12722:2009

Mööbel. Pinna vastupidavuse hindamine kuivale kuumusele

This European Standard specifies a method for the assessment of the resistance to dry heat of all rigid furniture surfaces regardless of materials. It does not apply to leather and textile surfaces. The test is intended to be carried out on a part of the finished furniture, but can be carried out on test panels of the same material, finished in an identical manner to the finished product, and of a size sufficient to meet the requirements of the test. The test should be carried out on unused surfaces. Annex A (informative) describes a direct light source.

Keel en

Asendab EVS-EN 12722:1999

EVS-EN 12790:2009

Hind 198,00

Identne EN 12790:2009

Child care articles - Reclined cradles

This standard specifies safety requirements and the corresponding test methods for fixed or folding reclined cradles intended for children up to a weight of 9 kg or who are unable to sit up unaided. This standard applies also to car seats complying with ECE 44 that can be used as reclined cradles according to manufacturer's instructions. This standard does not apply to reclined cradles when used as swings. If a reclined cradle has several functions or can be converted into another function the relevant European standards apply to it (see Annex B).

Keel en

Asendab EVS-EN 12790:2002

EVS-EN 15059:2009

Hind 178,00

Identne EN 15059:2009

Lumekoristusseadmed. Ohutusnõuded

This standard applies to snow grooming equipment as defined in 3.1 and its use with attachments as described in 3.2. With the exception of rear-mounted snow tillers and front blade attachments, this standard does not deal with the specific hazards of the attachments themselves. This standard is not applicable to snowmobiles. This standard deals with all significant hazards, hazardous situations and events relevant to snow grooming equipment, when it is used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4). It also deals with hazards during commissioning, use, fault-finding and maintenance. This standard is not applicable to snow grooming equipment manufactured before the date of publication of this document by CEN. NOTE For travelling on public roads, national traffic regulations apply until harmonised requirements are available.

Keel en

EVS-EN 15618:2009

Hind 105,00

Identne EN 15618:2009

Rubber- or plastic-coated fabrics - Upholstery fabrics - Classification and methods of test

This standard specifies a set of properties relevant to the assessment of upholstery coated fabrics for indoor furniture and the appropriate test methods to determine these properties. It also describes a matrix system to express the material properties of an upholstery fabric. This standard applies to upholstery fabrics both in domestic and public use, except when used for the seats of road or railway vehicles, boats or aeroplanes. This standard applies to upholstery fabrics with a coating on the wear face. This standard does not apply to textile upholstery fabrics covered by EN 14465.

Keel en

EVS-EN 60335-2-31:2003/A2:2009

Hind 92,00

Identne EN 60335-2-31:2003/A2:2009

ja identne IEC 60335-2-31:2002/A2:2008

Majapidamis- ja muud taolised elektriseadmed.**Ohutus. Osa 2-31: Erinõuded pliitide äratõmbekuplitele ja muudele toiduvalmistussuitsu eemaldamise seadmetele**

This standard deals with the safety of electric range hoods intended for installing above household cooking ranges, hobs and similar cooking appliances, their rated voltage being not more than 250 V.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**CEN/TR 15371:2006**

Identne CEN/TR 15371:2006

Safety of toys - Replies to requests for interpretation of EN 71-1, EN 71-2, and EN 71-8

The purpose of this CEN Technical Report is to provide replies to requests for interpretations of EN 71-1:2005, Safety of toys – Part 1: Mechanical and physical properties (under publication), EN 71-2:2006, Safety of toys – Part 2: Flammability, EN 71-8:2003, Safety of toys – Part 8: Swings, slides and similar activity toys for indoor and outdoor family domestic use.

Keel en

Asendatud CEN/TR 15371:2009

EVS-EN 12720:1999

Identne EN 12720:1997

ja identne ISO 4211:1979

Mööbel. Pinna vastupidavuse hindamine külmadele vedelikele

Käesolev standard sätestab meetodi pinna vastupidavuse hindamiseks külmadele vedelikele ja on rakendatav kõigi jäikade pindadega valmistoodete korral, sõltumata materjalist, välja arvatud nahk ja tekstiilmaterjalid.

Keel et

Asendatud EVS-EN 12720:2009

EVS-EN 12721:1999

Identne EN 12721:1997

ja identne ISO 4211-2:1993

Mööbel. Pinna vastupidavuse hindamine niiskele kuumusele

Käesolev standard sätestab meetodi pinna vastupidavuse hindamiseks niiskele kuumusele ja on rakendatav kõigi jäikade pindadega valmistoodete korral, sõltumata materjalist, välja arvatud nahk ja tekstiilmaterjalid, mis jäävad antud standardi käsitlusalast välja. Üldjuhul viiakse katse läbi valmismööblil, kuid võidakse sooritada ka samast materjalist katsekilbil, mis on viimistletud identselt valmistoodanguga ja mille mõõtmised on piisavad katsenõuetele vastamiseks.

Keel et

Asendatud EVS-EN 12721:2009

EVS-EN 12722:1999

Identne EN 12722:1997

ja identne ISO 4211-3:1993

Mööbel. Pinna vastupidavuse hindamine kuivale kuumusele

Käesolev standard sätestab meetodi pinna vastupidavuse hindamiseks kuivale kuumusele ja on rakendatav kõigi jäikade pindadega valmistoodete korral, sõltumata materjalist, välja arvatud nahk ja tekstiilmaterjalid, mis jäävad antud standardi käsitlusalast välja. Üldjuhul viiakse katsetus läbi valmismööblil, kuid võidakse sooritada ka samast materjalist katsekilbil, mis on viimistletud identselt valmistoodanguga ja mille mõõtmised on piisavad katsenõuetele vastamiseks.

Keel et

Asendatud EVS-EN 12722:2009

EVS-EN 12790:2002

Identne EN 12790:2002

Child care articles - Reclined cradles

This standard specifies safety requirements and the corresponding test methods for fixed or folding reclined cradles intended for children up to 6 months and or up to a weight of 9 kg

Keel en

Asendatud EVS-EN 12790:2009

KAVANDITE ARVAMUSKÜSITLUS**EN 71-1:2005/prA11**

Identne EN 71-1:2005/prA11:2009

Tähtaeg 29.06.2009

Mänguasjade ohutus. Osa 1: Mehaanilised ja füüsilised omadused

This European Standard specifies requirements and methods of tests for mechanical and physical properties of toys.

Keel en

prEN 957-6

Identne prEN 957-6:2009

Tähtaeg 29.06.2009

Statsionaarne treenimisvarustus. Osa 6:**Jooksurajad, täiendavad spetsiaalsed ohutusnõuded ja katsemeetodid**

EN 957-6 specifies safety requirements for treadmills in addition to the general safety requirements of EN 957-1 and shall be read in conjunction with it. EN 957-6 is applicable to power driven and non-power/manually driven training equipment type treadmills (type 6) (hereafter referred to as treadmills) with the classes S, H and I and classes A, B and C regarding accuracy.

Keel en

Asendab EVS-EN 957-6:2001

prEN 15939

Identne prEN 15939:2009

Tähtaeg 29.06.2009

Hardware for furniture - Determination of strength and load capacity of wall attachment devices

This European Standard specifies test methods and requirements for the strength of all types of wall attachment devices for storage furniture and their components for all fields of application. It does not apply to devices intended to prevent the overturning of storage furniture. The tests consist of the application of loads and forces simulating normal functional use, as well as misuse that might reasonably be expected to occur. With the exception of the corrosion test in 6.3, the tests are designed to evaluate properties without regard to materials, design/construction or manufacturing processes. The strength tests include only the attachment devices and their components as well as the attachment to the cabinet. The attachment to the wall is not included.

Keel en

prEN ISO 16484-1

Identne prEN ISO 16484-1:2009

ja identne ISO/DIS 16484-1:2009

Tähtaeg 29.06.2009

Building automation and control systems (BACS) - Part 1: Project specification and implementation

This standard specifies general principles for project design and implementation and for the integration of other systems into the BACS. It describes the phases required for the project such as: - Design: Definition of project requirements; - engineering: Detailed function and hardware specification design; - installation: Installing and commissioning of the BACS; - completion: Handover, acceptance and finalization. It also describes the requirements for as-built documentation and training. Operation and maintenance are outside the scope of this standard.

Keel en

STANDARDITE TÕLKED KOMMENTEERIMISEL

Selles jaotises avaldame teavet eesti keelde tõlgitavate Euroopa või rahvusvaheliste standardite kohta ja inglise keelde tõlgitavate algupäraste 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 01.06.2009

prEVS 827:2004

Turvakiibi rakendus ja liides

Standard spetsifitseerib Eesti riikliku avaliku võtme infrastruktuuri (EstEID) turvakiibi liidese ja andmesisu.

Identne: EVS 827:2004

prEVS 828:2004

Sertifikaadid Eesti Vabariigi isikutunnistustel

Standard kirjeldab Eesti Vabariigi isikutunnistusele (ID-kaart) kantavate digitaalsete sertifikaatide profiili. Dokumendi lisas esitatakse tehniline lisainformatsioon ning tuuakse ära sertifikaatide näidised. Standard ei käsitle teisi isikutunnistuses sisalduvaid andmekogumeid.

Identne: EVS 828:2004

prEVS-HD 60364-5-534:2008

Madalpingelised elektripaigaldised. Osa 5-53: Elektriseadmete valik ja paigaldamine. Kaitselahutamine, lülitamine ja juhtimine. Jaotis 534: Liigpingekaitsevahendid

Selles jaotises on esitatud sätted pinge piiramise rakendamiseks isolatsiooni koordineerimise saavutamise eesmärgil juhtumel, mis on kirjeldatud harmoneerimisdokumendis HD 60364-4-443 ning standardis EN 50664-1, EN 62305-4 ja CLC/TS 61643-12. Kaitseks liigpingete eest võib kasutada liigpingepiirikeid, spetsiaalseid eraldustrafosid, filtreid või nende vahendite kombinatsioone. Käesolev jaotis esitab nõuded liigpingepiirike valikuks ja paigaldamiseks: – ehitiste elektripaigaldistes atmosfäärilise päritoluga, elektrivõrgu kaudu edasikanduvate

transientliigpingete ning lülitusliigpingete piiramiseks; – transientliigpingete piiramiseks, mis tekivad välgu otselöökidel piksekaitsega varustatud ehitistesse või välgulöökidel selliste ehitiste lähedusse. See jaotis ei arvesta liigpingekaitsekomponente, mis võivad olla paigaldisega ühendatud seadmetesse sisse ehitatud. Selliste komponentide olemasolu võib mõjutada paigaldise pea-liigpingepiirike käitumist ning nõuda lisakoordineerimist. Jaotis arvestab ka liigvoolukaitset ja selle talitlust liigpingepiirike rikke korral. Jaotis kehtib vahelduvvooluahelate kohta. Selle jaotise nõudeid võib rakendada alalisvooluahelate kohta sel määral, mil see on kasulik. Eripaigaldistes, nagu see on sätestatud HD 60364 osas 7, võib olla vaja rakendada muid või lisanõudeid.

Identne: IEC 60364-5-53:2001/A1:2002

(Clause 534); HD 60364-5-534:2008

prEVS-HD 60364-7-729

Madalpingelised elektripaigaldised. Osa 7-729: Nõuded eripaigaldistele ja -paikadele. Teenindus- või hoolduskäigud

HD 60364 selle osa nõuded kehtivad põhikaitse ja muude aspektide osas piiratud juurdepääsuga aparaadikoostetega alades, kaasaarvatud nõuded teenindus- või hoolduskäikudele.

Identne: IEC 60364-7-729:200X; prHD 60364-7-729:2007

prEVS-EN 60601-1-3:2008

Elektrilised meditsiiniseadmed. Osa 1-3:

Üldised nõuded esmasele ohutusele ja olulistele toimimisinäitajatele.

Kollateraalsandard: Kiirguskaitse nõuded diagnostilistele röntgenseadmetele

Rahvusvaheline standard kehtib elektriliste meditsiiniseadmete ja elektriliste meditsiinisüsteemide (edaspidi EM-seadmete ja EM-süsteemide) esmase ohutuse ja oluliste toimimisinäitajate kohta.

Kollateraalsandard on kohaldatav sellistele röntgenseadmetele ja nende koostisosadele, mille puhul inimpatsiendi radioloogilist kujutist kasutatakse diagnoosimiseks, meditsiiniprotseduuride kavandamiseks või juhtimiseks.

Identne: IEC 60601-1-3:2008; EN 60601-1-3:2008

IEC/TR 61859

Kiiritusravi ruumide kavandamise juhend

Antud tehniline raport rakendub ainult nendele aspektidele, mis tagavad kiiritusravi seadmete ohutud käsitlemist patsiendile, operaatorile ja muule personalile. Raport ei kajasta üldehitustööde nõudmisi. Selles tehnilises raportis on käsitletud ainult need ruumid, kus kiiritusravi seadmed tekitavad ioniseerivad kiirgust terapeutilisel eesmärgil, nägu meditsiinilised elektronkiirendid, telegamma seadmed ja gamma lähiravi seadmed. Kiiritusravi simulaatorid antud raport ei käsitle.

Identne: IEC/TR 61859:1997

prEVS-ISO 9978

Kiirguskaitse. Kinnised kiirgusallikad.

Lekkekatsemeetodid

Rahvusvahelises standardis spetsifitseeritakse kinniste kiirgusallikate jaoks erinevad katsemeetodid. Antakse laialdane ülevaate protseduuridest, kus kasutatakse nii radioaktiivseid kui ka mitteradioaktiivseid vahendeid.

Rahvusvaheline standard on kohaldatav järgnevatele kontrolliviisidele:

- kvaliteedikontroll, et võimaldada vajalike katsete valideerimist kinnise kiirgusallika prototüübi liigitamisel vastavalt ISO 2919 nõuetele,
- kinniste kiirgusallikate tootmis-kontroll;
- kinniste kiirgusallikate regulaarne ülevaatus nende talitlusea jooksul.

Rahvusvahelise standardi lisa A annab kasutajale soovitusi, et leida kõige sobivama(d) meetodi(d) vastavalt kontrolliviisile ja kiirgusallika tüübile. Tuleb arvestada, et võib esineda olukordi, kus on vaja kasutada katseid, mida käesolevas rahvusvahelises standardis ei ole kirjeldatud. Tuleb rõhutada, et mis puudutab kinniste kiirgusallikate tootmist, kasutamist, säilitamist ja transporti, siis käesoleva rahvusvahelise standardi järgimine ei asenda IAEA ja riiklike õigusaktide nõuete järgimist.

Identne: ISO 9978:1992

prEVS-EN 1439:2008

Vedelgaasi seadmed ja lisavarustus. Vedelgaasi balloonide kontrolliprotseduurid enne ja pärast täitmist ning täitmise ajal

Standard määratleb toimingud, mida tuleb rakendada transporditavate korduvtäidetavate vedelgaasi balloonide kontrollimisel enne täitmist, täitmise ajal ja pärast täitmist. Standard rakendub transporditavatele korduvtäidetavatele vedelgaasi balloonidele, mille vee mahutavus on 0,5 l kuni 150 l kaasa arvatud. Standard ei rakendu sõidukitesse püsivalt paigaldatud balloonidele või jaamade ja täiteseadmetele. Standard on rakendatav järgmistele balloonidele: - terasest keevitatud või joodetud vedelgaasi balloonidele, millele on määratud minimaalne seinapaksus (vaata EN 1442 ja EN 12807 või muu sama väärne standard); - terasest keevitatud vedelgaasi balloonidele millele ei ole määratud minimaalne seinapaksus (vaata EN 14140:2003+A1 või muu sama väärne standard); - alumiiniumist keevitatud vedelgaasi balloonidele (vaata EN 13110 või muu sama väärne standard); - komposiitmaterjalist vedelgaasi balloonidele (vaata EN 14427 või muu sama väärne standard). Erinõuded eritüüpi balloonidele on toodud lisa A, lisa B, lisa C ja lisa D.

MÄRKUS Väljapraakimise kriteeriumid spetsiaalset tüüpi kaitstud balloonile on toodu lisa G. Käesolev standard on ettenähtud rakendamiseks balloonidele, mis vastavad RID/ADR (kaasa arvatud "pi" märgistatud balloonid) nõuetele ja samuti olemasolevatele RID/ADR nõuetele mitte vastavatele balloonidele.

Identne: EN 1439:2008

prEVS-EN 1440:2008**Vedelgaasi seadmed ja lisavarustus.****Vedelgaasi korduvtäidetavate transporditavate balloonide perioodiline tehniline ülevaatus**

Standard määratleb perioodilise kontrolli intervallid, kontrolli protseduurid, kontrollimised ja katsed transporditavatele korduvtäidetavatele vedelgaasi balloonidele, mille vee mahtuvus on 0,5 l kuni 150 l kaasa arvatud. Standard on rakendatav järgmistele balloonidele: - terasest keevitatud või joodetud vedelgaasi balloonidele, millele on määratud minimaalne seinapaksus (vaata EN 1442 ja EN 12807 või muu sama väärne standard); - terasest keevitatud vedelgaasi balloonidele millele ei ole määratud minimaalset seinapaksust (vaata EN 14140:2003+A1 või muu sama väärne standard); - alumiiniumist keevitatud vedelgaasi balloonidele (vaata EN 13110 või muu sama väärne standard); - komposiitmaterjalist vedelgaasi balloonidele (vaata EN 14427 või muu sama väärne standard). Standard on ettenähtud rakendamiseks balloonidele, mis vastavad RID/ADR (kaasa arvatud "pi" märgistatud balloonid) nõuetele ja samuti olemasolevatele RID/ADR nõuetele mittevastavatele balloonidele. Standard ei rakendu sõidukitesse püsivalt paigaldatud balloonidele.

Identne: EN 1440:2008

prEVS-EN 15376:2008**Mootorikütused. Etanool mootoribensiini segukomponendina. Nõuded ja katsemeetodid**

Standard sätestab nõuded ja katsemeetodid turustatavale ja tarnitavale bensiinimootoriga sõidukite kütuse täiteainena kasutatavale etanoolile vastavalt standardi EN 228 nõuetele. MÄRKUS 1 See dokument määratleb (bio)etanoolile asjakohased omadused, nõuded ja katsemeetodid, mis on praegu teadaolevalt vajalikud kuni 5 mahu% ulatuses mootorikütuse segukomponendina kasutatava

Identne: ISO/TR 26122:2008

toote määratlemiseks. Mahuosa mahuosa suurendamisel või kasutusvaldkondade laiendamisel tuleb nõuded uuesti määratleda.

MÄRKUS 2 Selles Euroopa standardis kasutatakse massiosade ja mahuosade eristamiseks vastavalt tähiseid "% (m/m)" ja "% (V/V)".

Identne: EN 15376:2007

ISO/TR 26122**Informatsioon ja dokumentatsioon.****Haldusdokumendid. Tööprotsesside analüüs**

Tehniline aruanne sisaldab juhiseid tööprotsesside analüüsiks dokumentide loomise, hõlmamise ja ohje vaatenurgast. See kirjeldab kahte tüüpi analüüsi, milleks on: a) funktsioonide analüüs (funktsioonide taandamine protsessideks) ja b) jadaanalüüs (toimingute jada uurimine). Kumbki analüüs nõuab eelnevat konteksti (st volituste ja normatiivse keskkonna) tundmaõppimist vastavalt analüüsi eesmärgile. Sõltuvalt ülesande eripärast, projekti ulatusest ja analüüsi eesmärgist võib analüüsi komponente teostada siin kirjeldatust erinevates kombinatsioonides ja järjestuses. Tehnilise aruande juurde kuuluvad ka abimaterjalid küsimuste ja asjaoludega, mida tuleks analüüsi erinevate etappide juures arvestada. Tehniline aruanne kirjeldab ISO 15489 praktilisi rakendamise võimalusi. Kuigi see on sõltumatu tehnoloogiast (st seda on võimalik rakendada mistahes tehnoloogilises keskkonnas), on selle abil võimalik hinnata organisatsiooni tööprotsesse toetavate tehniliste vahendite sobivust. Tehniline aruanne keskendub pigem olemasolevatele tööprotsessidele kui töövoo parendamisele (st protsessi terviklikule või osalisele automatiseerimisele, mille käigus toimub dokumentide, informatsiooni või ülesannete ühelt osapoolelt teisele üleminek, nagu seda kirjeldavad bibliograafias viide [1] esitatud protseduurireeglid).

Identne: ISO/TR 26122:2008

APRILLIKUUS LAEKUNUD ALGUPÄRASE EESTI STANDARDI KOOSTAMISETTEPANEKUD

Alljärgnevalt on toodud teave möödunud kuu jooksul Standardikeskusele esitatud algupärase standardi koostamis-, muutmis ja uustöötlustetpankute kohta, millega algatatakse Eesti standardi koostamisprotsess:

Töötervishoiu ja tööohutuse juhtimissüsteemid. EVS 18001:2007 rakendusjuhised. (EVS 18002)

Standard annab juhised töötervishoiu ja tööohutuse (TTO) juhtimissüsteemi sisseadmiseks, elluviimiseks, toimivana hoidmiseks ja parendamiseks ning seostamiseks teiste juhtimissüsteemidega. Standardis sisalduvad juhtnõud on kohaldatavad mistahes organisatsioonile olenemata selle suuruselt, tüübist, asukohast või küpsustasemest. TTO juhtimissüsteemi sisseadmine võimaldab organisatsioonidel ohjata enda TTO riske ja parendada TTO-alase tegevuse toimivust. Sellega seonduvalt avaldab see tugevat positiivset mõju töötajate tervishoiu ja tööohutuse ning ka ettevõtete majandusliku seisundi tagamisel.

Tänaseks on OHSAS 18001 või EVS 18001 alusel sertifitseeritud 67 TTO juhtimissüsteemi. Sertifitseeritud süsteemide arv kasvab iga aastaga. Standardi kasutajaks on nii sertifitseeritud TTO süsteemidega organisatsioonid kui ka need, kes alles kavatsesid süsteemi välja arendada. Standardi kasutajateks on nii suured, keskmised kui ka väikesed organisatsioonid, see on kasutatav nii tootmises, ehituse jt kõrge riskiga tegevusvaldkondades kui ka avalikus sektoris või väikese riskiga tegevusvaldkondades.

Standardi koostamisetpaneku esitas tehniline komitee EVS/TK 33 „Juhtimissüsteemid“, Standardikeskuse kontaktisik Triin Teppand.

Rohkem teavet Teile huvipakkuvate standardiprojektide kohta on võimalik saada Standardikeskuse veebilehel (www.evs.ee) rubriigist: „Koostamisetpanekud“ ja Standardiosakonnast (standardiosakond@evs.ee).

APRILLIKUUS KINNITATUD JA MAIKUUS MÜÜGILE SAABUNUD EESTIKEELSED STANDARDID

EVS-ISO/IEC 90003:2009

Tarkvaratehnika. Juhised ISO 9001:2000 rakendamiseks tarkvarale 487.-

Eesti standard on Rahvusvahelise standardi ISO/IEC 90003:2004 “Software engineering – Guidelines for the application of ISO 9001:2000 to computer software” ingliskeelse teksti identne tõlge eesti keelde koos ingliskeelse paralleeltekstiga.

Standard spetsifitseerib nõuded kvaliteedi-juhtimissüsteemile juhiks, kui organisatsioon

- a) vajab vahendit demonstreerimaks oma suutvust väljastada järjekindlalt kliendi ja kohaldatavatele regulatiivsetele nõuetele vastavat toodet, ning

- b) püüab suurendada kliendi rahulolu süsteemi mõjusa rakendamise, sh süsteemi pideva parendamise protsesside ning kliendi ja kohaldatavatele regulatiivsetele nõuetele vastavuse tagamise teel.

EVS-EN ISO 15189:2008

Meditiinilaborid. Kvaliteedi ja kompetentsuse erinõuded 229.-

Eesti standard on Euroopa standardi EN ISO 15189:2007 “Medical laboratories – Particular requirements for quality and competence” ingliskeelse teksti identne tõlge eesti keelde.

Rahvusvaheline standard määratleb kvaliteedi ja kompetentsuse erinõuded meditsiinilaboritele. Rahvusvaheline standard on mõeldud kasutamiseks meditsiinilaboritel kvaliteedijuhtimissüsteemi arendamiseks ja omaenda kompetentsuse hindamiseks ning akrediteerimisasutustele meditsiinilaborite kompetentsuse kinnitamiseks või tunnustamiseks.

EVS 840:2009 (uustöötlus)

Radooniohutu hoone projekteerimine 155.-

Eesti standard on standardi EVS 840:2003 uustöötlus.

Standard on koostatud eesmärgiga anda projekteerijatele ja ehitajatele juhiseid sellise hoone ehitamiseks, kus välditakse tervistkahjustava radooni lubatud piirkontsentratsiooni ületamist elu-, töö- ja puhkeruumides. Tinglikult nimetatakse vastavalt standardis antud soovitudele ehitatud hoonet edaspidi radooniohutuks hooneks. Radoonist lähtub terviserisk igasuguse kontsentratsiooni juures, kuid standardis kehtestatud piirväärtuse juures on tervisekahjustuse ilmumine väikese tõenäosusega. Standard käsitleb ka gammakiirguse doosikiiruse normväärtust.

EVS 904:2009

Hajusallikate heitkoguste mõõtmine.

Tööstushooned ja loomalaudad 219.-

Eesti standard on koostatud Saksa Inseneride Liidu (Verein Deutscher Ingenieure) juhendi VDI 4285 Blatt 2 (2006-09) "Messtechnische Bestimmung der Emissionen diffuser Quellen. Industriehallen und Tierhaltungsanlagen" tõlke alusel.

Standardis käsitletakse tööstushoonete ja loomalaudade hajusheidete mõõtemetodeid. Hetkelise heitkoguse mõõtmiseks lubatakse kasutada otsesest ja kaudset meetodit.

Standard ei käsitle hoonete või lautade ümbruse juurde kuuluvatelt pindadelt pärinevaid hajusaid heitkoguseid. Antud standardi käsitlemine eeldab standardi EVS 892 tundmist.

EVS-EN 50423-3-20:2009

Elektriõhuliinid vahelduvpingega üle 1 kV kuni 45 kV. Osa 3-20: Eesti siseriiklikud erinõuded (SEN) 166.-

Eesti standard kujutab endast jaanuaris 2005 aastal ilmunud Euroopa standardi EN 50423-1:2005 "Overhead electrical lines exceeding 1

kV up to and including AC 45 kV – Part 1: General requirements" juurde kuuluvaid Eesti siseriiklikke erinõudeid.

Standard hõlmab paljas- või kaetud juhtmetega elektriõhuliine ning õhukaabelliine vahelduvpingega üle 1 kV kuni 45 kV nimisagedusega alla 100 Hz. Üldiselt rakenduvad standardi EN 50341-1 "Elektriõhuliinid vahelduvpingega üle 45 kV. Osa 1: Üldnõuded – ühised eeskirjad" nõuded. See standard määratleb täiendavad nõuded või lihtsustused, mis rakenduvad ainult vaadeldavas pingete vahemikus.

EVS-EN 480-1:2006

Betooni ja mördi keemilised lisandid.

Katsemetodid. Osa 1: Katsetamisel

kasutatav etalonbetoon ja etalonmört 114.-

Eesti standard on Euroopa standardi EN 480-1:2006 "Admixtures for concrete, mortar and grout – Test methods – Part 1: Reference concrete and reference mortar for testing" ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard spetsifitseerib etalonbetooni ja etalonmördi lähtematerjalid, koostise ja segamise meetodi, mida kasutatakse lisandite efektiivsuse ja sobivuse katsetamisel EN 934 seeria standardite kohaselt.

EVS-EN 480-2:2006

Betooni ja mördi keemilised lisandid.

Katsemetodid. Osa 2: Tardumisaja

määramine 105.-

Eesti standard on Euroopa standardi EN 480-2:2006 "Admixtures for concrete, mortar and grout – Test methods – Part 2: Determination of setting time" ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard kirjeldab lisanditega ja lisanditeta mördi tardumisaja määramise meetodit, mis on standardis EN 196-3 kirjeldatud meetodi mugandus.

Euroopa standard kirjeldab võrdlusmeetodit, aga lubab ka märkustes nimetatud alternatiivsete seadmete kasutamist eeldusel, et need ei mõjuta katsete tulemusi.

EVS-EN 771-6:2005

Müürikivide spetsifikatsioon. Osa 6:

Looduslikud müürikivid 188.-

Eesti standard on Euroopa standardi EN 771-6:2005 "Specification of masonry units – Part 6: Natural stone masonry units" ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard spetsifitseerib omadused ja toimivuskriteeriumid looduskivist valmistatud müürikividele laiusega ≥ 80 mm, mida kasutatakse põhiliselt tavaliste müürikividena ja fassaadi- või voodrikividena hoonete ja rajatiste kande- ning mittekandeseintes. Need müürikivid sobivad kasutamiseks nii kihilise kui ka ebakorrapärase laotisega müüritistes, kaasaarvatud ühekihilised seinad, täidis-, vahe- ja tugiseinad ning korstnate välisvooder. Neid võib kasutada tulekaitseks, soojus-isolatsiooniks, helisolatsiooniks ja helineelava materjalina.

EVS 821:2009

BDOC. Digitaalallkirja vorming 292.-

Eesti standard on standardi EVS 821:2003 "Digitaalallkirja kontrolli üldpõhimõtted. Sertifikaadi kehtivuskinnituse vorming ja protokollid" uustöötlus.

Dokument defineerib XML vormingud täiustatud elektrooniliste allkirjade jaoks, mis omavad pikaajalist tõestusväärtust, on vastavuses Euroopa direktiiviga ning kaasavad kasulikku lisainformatsiooni tavapäraseks kasutusjuhtudeks. See lisainformatsioon sisaldab ka tõestusmaterjali allkirja kehtivusest, mis on kasutatav isegi siis, kui allkirjastaja või verifitseerija üritab hiljem eitada (salata) allkirja kehtivust.

EVS-EN 14650:2005

Betoonvalmistooted. Tehase tootmisohje üldreeglid metallkiudbetooni tootmisel 80.-

Eesti standard on Euroopa standardi EN 14650:2005 "Precast concrete products – General rules for factory production control of metallic fibered concrete" ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard määratleb metallkiudbetooni tehase tootmisohje üldeeskirjad. Dokument ei määratle metallkiudbetoonist lõpptoodete vastavuskontrolli, mis tuleb läbi viia vastavalt Euroopa tootestandarditele või nende puudumisel tellija ja tootja poolt kindlaks määratud ja kokku lepitud tehnilistele kirjeldustele.

EVS-EN 14651:2005+A1:2007

Metallkiudbetooni katsemeetodid.

Paindetõmbetugevuse määramine [proportsionaalsuspiir (LOP), jääkpaindetugevus] 145.-

Eesti standard on Euroopa standardi EN 14651:2005 "Test method for metallic

fibre concrete – Measuring the flexural tensile strength (limit of proportionality (LOP), residual)" ning selle muudatuse A1:2007 ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard määratleb vormitud katsekehadel põhineva metallkiudbetooni paindetõmbe-tugevuse määramise meetodi, mida kasutatakse proportsionaalsuspiiri (LOP) ja jääkpaindetõmbetugevuse väärtuste jada määramiseks. See katsemeetod on ette nähtud kuni 60 mm pikkustele metallkiududele. Meetodit võib kasutada ka erinevate metallkiudude kombinatsiooni ja metallkiudude ning muude kiudude kombinatsiooni puhul.

EVS-EN 14721:2005+A1:2007

Metallkiudbetooni katsemeetodid.

Metallkiudude sisalduse määramine betoonisegus ja kivistunud betoonis 92.-

Eesti standard on Euroopa standardi EN 14721:2005 "Test method for metallic fibre concrete – Measuring the fibre content in fresh and hardened concrete" ning selle muudatuse A1:2007 ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard määratleb kaks metallkiudbetooni kiudude sisalduse mõõtmise meetodit. Meetodiga A mõõdetakse metallkiudude sisaldust kivistunud betoonis. Meetodiga B mõõdetakse metallkiudude sisaldust betoonisegus. Standard ei ole kasutatav pritsbetooni puhul.

EVS-EN 14845-1:2007

Betoonis kasutatavate kiudude

katsemeetodid. Osa 1: Etalonbetoon 105.-

Eesti standard on Euroopa standardi EN 14845-1:2007 "Test methods for fibres in concrete – Part 1: Reference concretes" ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard määrab kindlaks etalonbetoonide koostised ja omadused, mida kasutatakse hindamiseks kiudude toimivust betoonis. Etalonbetooni kasutamise eesmärgiks on selgitada kiudude üldine sobivus betoonis kasutamiseks.

EVS-EN 14845-2:2006

Betoonis kasutatavate kiudude

katsemeetodid. Osa 2: Mõju betoonile 80.-

Eesti standard on Euroopa standardi EN 14845-2:2006 "Test methods for fibres in concrete – Part 2: Effect on concrete" ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard määratleb meetodi teras- või polümeerkiudude mõju hindamiseks etalon-betooni jääkpaindetugevusele.

EVS-EN 14843:2007

Betoonvalmistooted. Trepid 219.-

Eesti standard on Euroopa standardi EN 14843:2007 “Precast concrete products – Stairs” ingliskeelse teksti identne tõlge eesti keelde.

Standard spetsifitseerib raud- ja pingebetoonist treppide valmistamisel kasutatavate monteeritavate terviktreppide ja valmisbetonelementide (nt üksikastmete) materjalid, tootmise, omadused, nõuded ja katsemeetodid. Standard on rakendatav nii välis- kui ka sisetreppidele. Standard hõlmab betoontreppide ja nende juurde kuuluvaid mademeid, mis on projekteeritud ühe tervikuna või koosnevad üksikutest, taladele või postidele toetuvatest astmetest. Tugielemendid võivad olla valmistatud platsibetoonist.

Standard hõlmab terminoloogiat, toimivuskriteeriume, tõestusmeetodeid, tolerantse, asjakohaseid füüsikalisi omadusi, spetsiaalseid katsemeetodeid ja transpordi, montaaži ning elementide ühendamise eriaspekte.

EVS-EN 14991:2007

Betoonvalmistooted. Vundamendielemendid 188.-

Eesti standard on Euroopa standardi EN 14991:2007 “Precast concrete products – Foundation elements” ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard käsitleb standardi EN 1992-1-1 kohastes ehituskonstruksioonides kasutatavatele sarrustatud normaalbetoonist vundamendi valmiselementidele (kaasa arvatud taldmikuga postid, kannukujulised vundamendielemendid ja kannud) esitatavaid nõudeid ning peamisi toimivuskriteeriume ja spetsifitseerib võimaluse korral minimaalsed väärtused.

Standard hõlmab terminoloogiat, toimivuskriteeriume, tolerantse, asjakohaseid

füüsikalisi omadusi ja transpordi ning monteerimist. Standard ei käsitle kandevõime määramist katsete abil.

EVS-EN 14992:2007

Betoonvalmistooted. Seinaelemendid 219.-

Eesti standard on Euroopa standardi EN 14992:2007 “Precast concrete products – Wall elements” ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard rakendub normaalbetoonist või tiheda struktuuriga kergbetoonist valmis-elementidest seintele. Neil võivad olla või mitte olla välisseinafunktsioonid või dekoratiivfunktsioonid või nende funktsioonide kombinatsioonid.

Välisseinafunktsioonideks võivad olla:

- soojusisolatsioon;
- heliisolatsioon;
- niiskusekontroll

või nende kombinatsioonid.

Seinad võivad olla sarrustamata või sarrustatud kas tavalise või pingesarrusega, kandvad või mittekanvad.

Siia kuuluvad:

- täisseinad;
- komposiitseinad;
- mitmekihilised seinad;
- vähendatud kaaluga seinad;
- vooderduselemendid.

Seinaelemendid võivad töötada ka postide ja taladena.

EVS-EN 1745:2002

Müüritis ja müüritisetooted. Arvutuslike soojusväärtuste määramise meetodid 271.-

Eesti standard on Euroopa standardi EN 1745:2002 “Masonry and masonry products – Methods for determining design thermal values” ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard esitab meetodid müüritise ja müüritoodete arvutuslike soojusväärtuste (soojustakistuse ja/või soojuseri juhtivuse) määramiseks.

APRILLIKUUS MUUDETUD STANDARDITE PEALKIRJADE TÕLKED

Selles jaotises avaldame infot Eesti standardite eestikeelsete pealkirjade muutmise kohta ja ingliskeelsete pealkirjade tõlkimise kohta.

Lisainformatsioon või ettepanekud standardipealkirjade ebatäpsustest enquiry@evs.ee

Eesti standardite eesti keelde tõlgitud pealkirjade muutmine:

Standardi tähis	Muudetav pealkiri	UUS pealkiri
EVS-EN 60335-2-49:2003	Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-49: Erinõuded kaubanduslikele elektrilistele kuumkappidele	Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-49: Erinõuded kaubanduslikele elektrilistele toidu ja nõude soojalhoidmisseadmetele
EVS-EN 60335-2-49:2003/AC:2007	Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-49: Erinõuded kaubanduslikele elektrilistele kuumkappidele	Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-49: Erinõuded kaubanduslikele elektrilistele toidu ja nõude soojalhoidmisseadmetele
EVS-EN 60335-2-31:2003	Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-31: Erinõuded pliidi tõmbekappidele	Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-31: Erinõuded pliitide äratõmbekuplitele ja muudele toiduvalmistussuitsu eemaldamise seadmetele
EVS-EN 60335-2-31:2003/A1:2006	Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-31: Erinõuded pliidi tõmbekappidele	Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-31: Erinõuded pliitide äratõmbekuplitele ja muudele toiduvalmistussuitsu eemaldamise seadmetele
EVS-EN ISO 11885:1999	Vee kvaliteet. 33 elemendi sisalduse määramine induktiivselt sidestatud lasma-aatomemissioonspektroskoopia abil	Vee kvaliteet. 33 elemendi sisalduse määramine induktiivselt sidestatud plasma-aatomemissioonspektroskoopia abil

Eesti standardite ingliskeelsete pealkirjade tõlkimine eesti keelde:

Standardi tähis	Standardi pealkiri (en)	Standardi pealkiri (et)
EVS-EN 60335-2-49:2003/A1:2008	Household and similar electrical appliances - Safety - Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm	Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-49: Erinõuded kaubanduslikele elektrilistele toidu ja nõude soojalhoidmisseadmetele
EVS-EN ISO 8230-3:2008	Safety requirements for dry-cleaning machines - Part 3: Machines using combustible solvents	Kuivpuhastusmasinate ohutusnõuded. Osa 3 Süttivaid lahusteid kasutavad masinad
EVS-EN 13157:2004	Cranes - Safety - Hand powered lifting equipment	Kraanad. Ohutus. Käsiajamiga tõsteseadmed
EVS-EN 13157:2004/AC:2008	Cranes - Safety - Hand powered lifting equipment	Kraanad. Ohutus. Käsiajamiga tõsteseadmed
EVS-EN 12159:2001	Builder hoists for persons and materials with vertically guided cages	Vertikaalsetel juhtrööbastel kabiiniga ehitustõstukid inimeste ja lasti tõstmiseks

EVS klienditeenindus

(müük ja tutvumine standarditega)
Standardikeskuses Aru tn 10,
10317, Tallinn

Telefon: 605 5060 ja 605 5065

Faks: 605 5063

E-mail: standard@evs.ee

Ostu saab sooritada ka meie koduleheküljel
asuvast ostukorvis www.evs.ee/POOD