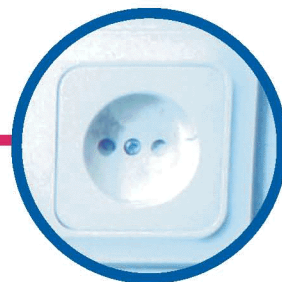


EVS TEATAJA

Ilmub üks kord kuus alates 1993. aastast

01/2010

Harmoneeritud standardid



Eesti keeles müügil



Uued Eesti standardid



SISUKORD

HARMONEERITUD STANDARDID	2
UUED STANDARDID JA KAVANDID ARVAMUSKÜSITLUSEKS	24
ICS PÕHIRÜHMAD.....	25
01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON	26
03 TEENUSED. ETTEVÕTTE ORGANISEERIMINE, JUHTIMINE JA KVALITEET. HALDUS. TRANSPORT. SOTSIOLOOGIA	27
07 MATEMAATIKA. LOODUSTEADUSED.....	29
11 TERVISEHOOLDUS	29
13 KESKKONNA- JA TERVISEKAITSE. OHUTUS.....	34
17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED	42
19 KATSETAMINE	42
21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD	42
23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD.....	44
25 TOOTMISTEHNOLGOOGIA	46
27 ELEKTRI- JA SOOJUSENERGEETIKA	51
29 ELEKTROTEHNIKA.....	51
31 ELEKTROONIKA.....	54
33 SIDETEHNIKA	55
35 INFOTEHNOLOOGIA. KONTORISEADMED.....	62
37 VISUAALTEHNIKA.....	67
43 MAANTEESÕIDUKITE EHTUS	68
45 RAUDTEETEHNIKA.....	68
49 LENNUNDUS JA KOSMOSETEHNIKA	69
53 TÕSTE- JA TEISALDUSSEADMED.....	73
55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID	74
59 TEKSTIILI- JA NAHATEHNOLOOGIA	75
65 PÕLLUMAJANDUS	77
67 TOIDUAINETE TEHNOLOOGIA	80
71 KEEMILINE TEHNOLOOGIA	83
75 NAFTA JA NAFTATEHNOLOOGIA	84
77 METALLURGIA	87
79 PUIDUTEHNOLOOGIA	89
81 KLAASI- JA KERAAMIKATÖÖSTUS	91
83 KUMMI- JA PLASTITÖÖSTUS	91
85 PABERITEHNOLOOGIA	93
87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS	94
91 EHTUSMATERJALID JA EHTUS	95
93 RAJATISED.....	101
97 OLME. MEELELAHUTUS. SPORT	104
STANDARDITE TÕLKED KOMMENTEERIMISEL.....	107
DETSEMBRIKUUS KINNITATUD JA JAANUARIKUUS MÜÜGILE SAABUNUD EESTIKEELSED STANDARDID	108

HARMONEERITUD STANDARDID

Tehnilise normi ja standardi seaduse kohaselt avaldab Eesti Standardikeskus oma veebilehel ja ametlikus väljaandes teavet harmoneeritud standardeid ülevõtvate Eesti standardite kohta.

Harmoneeritud standardiks nimetatakse EÜ direktiivide kontekstis ja tehnilise normi ja standardi seaduse mõistes Euroopa Komisjoni mandaadi alusel Euroopa standardimisorganisatsioonide poolt koostatud ja vastu võetud standardit.

Harmoneeritud standardite kasutamise korral eeldatakse enamiku vastavate direktiivide mõistes, et standardi kohaselt valmistatud toode täidab direktiivi olulisi nõudeid ning on seetõttu reeglina kõige lihtsam viis tõendada direktiivide oluliste nõuete täitmist. Harmoneeritud standardi täpne tähendus ja õiguslik staatus tuleneb siiski iga direktiivi tekstist eraldi ning võib direktiivist olenevalt erineda.

Lisainfo:

<http://www.newapproach.org/>

<http://ec.europa.eu/enterprise/newapproach/standardization/harmstds>

Eesti Standardikeskus avaldab ametlikus väljaandes harmoneeritud standardeid ülevõtvate Eesti standardite kohta järgmist infot:

- harmoneeritud standardi staatuse saanud Eesti standardid
- harmoneeritud standardi staatuses olevate Eesti standardite kohta avaldatud märkused ja hoiatused, mida tuleb standardite järgimisel arvestada
- harmoneeritud standardi staatuse kaotanud Eesti standardid

Info esitatakse vastavate direktiivide kaupa.

HARMONEERITUD STANDARDEID ÜLEVÕTVAD EESTI STANDARDID

Direktiiv 93/42/EMÜ Meditsiiniseadmed

(EL Teataja 2009/C 293/03)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millal Eesti standardi aluseks oleva Euroopa standardi kohta on avaldatud viide EL Teatajas	Viide asendatavale Eesti standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse Märkus 1
EVS-EN 285:2006+A2:2009 Steriliseerimine. Aursterilisaatorid. Suured sterilisaatorid KONSOLIDEERITUD TEKST / <i>Sterilization - Steam sterilizers - Large sterilizers CONSOLIDATED TEXT</i>	02.12.2009	EVS-EN 285:2006+A1:2008 EVS-EN 285:2006 Märkus 2.1	21.03.2010
EVS-EN 794-1:1999+A2:2009 Kopsuventilaatorid. Osa 1: Erinõuded intensiivravias kasutatavatele ventilaatoritele KONSOLIDEERITUD TEKST / <i>Lung ventilators - Part 1: Particular requirements for critical care ventilators CONSOLIDATED TEXT</i>	02.12.2009	EVS-EN 794-1:1999 Märkus 2.1	21.03.2010

EVS-EN 1422:1999+A1:2009 Sterilisaatorid meditsiiniliseks otstarbeks. Etüleenoksiidsterilisaatorid. Nõuded ja katsemeetodid KONSOLIDEERITUD TEKST / <i>Sterilizers for medical purposes - Ethylene oxide sterilizers - Requirements and test methods CONSOLIDATED TEXT</i>	02.12.2009	EVS-EN 1422:1999 Märkus 2.1	21.03.2010
EVS-EN ISO 4074:2002/AC:2008 Looduslikust latekskummist kondoomid. Nõuded ja katsemeetodid / <i>Natural latex rubber condoms - Requirements and test methods</i>	02.12.2009		
EVS-EN ISO 5360:2009 Anesteetikumiaurustid. Toimeainespetsiifilised täitesüsteemid / <i>Anaesthetic vaporizers - Agent- specific filling systems</i>	02.12.2009	EVS-EN ISO 5360:2008 Märkus 2.1	21.03.2010
EVS-EN ISO 5366-1:2009 Anesteesia- ja hingamisseadmed. Traheostoomiavoolikud. Osa 1: Täiskasvanutele mõeldud voolikud ja ühendused / <i>Anaesthetic and respiratory equipment - Tracheostomy tubes - Part 1: Tubes and connectors for use in adults</i>	02.12.2009	EVS-EN ISO 5366- 1:2004 Märkus 2.1	21.03.2010
EVS-EN ISO 5840:2009 Südame-veresoonekonna implantaadid. Südameklapiproteesid / <i>Cardiovascular implants - Cardiac valve prostheses</i>	02.12.2009	EVS-EN ISO 5840:2006 Märkus 2.1	21.03.2010
EVS-EN ISO 7197:2009 Neurokirurgilised implantaadid. Steriilsed ühekordsed neurotsefaalia šundid ja komponendid / <i>Neurosurgical implants - Sterile, single-use hydrocephalus shunts and components</i>	02.12.2009	EVS-EN ISO 7197:2006 Märkus 2.1	21.03.2009
EVS-EN ISO 7376:2009 Anesteesia- ja hingamisseadmed. Larüngoskoobid trahhea intubeerimiseks / <i>Anaesthetic and respiratory equipment - Laryngoscopes for tracheal intubation</i>	02.12.2009	EVS-EN ISO 7376:2004 Märkus 2.1	21.03.2009
EVS-EN ISO 7439:2009 Vasktötlusega emakasisesed kontraseptiivid. Nõuded, katsetamine / <i>Copper-bearing intra- uterine contraceptive devices - Requirements, test</i>	02.12.2009	EVS-EN ISO 7439:2002 Märkus 2.1	21.03.2010
EVS-EN ISO 8185:2009 Meditsiiniliseks kasutamiseks ettenähtud niisutid. Niisutamissüsteemidele esitatavad üldnõuded / <i>Respiratory tract humidifiers for medical use - Particular requirements for respiratory humidification systems</i>	02.12.2009	EVS-EN ISO 8185:2008 Märkus 2.1	21.03.2010
EVS-EN ISO 8359:2009 Meditsiiniliseks kasutamiseks ettenähtud hapniku kontsentratsiooni reguleerivad seadmed. Ohutusnõuded / <i>Oxygen concentrators for medical use - Safety requirements</i>	02.12.2009	EVS-EN ISO 8359:1999 Märkus 2.1	21.03.2010
EVS-EN ISO 8835-2:2009 Inhalatsioonianesteegasüsteemid. Osa 2: Anesteesiahingamissüsteemid / <i>Inhalational anaesthesia systems - Part 2: Anaesthetic breathing systems</i>	02.12.2009	EVS-EN ISO 8835- 2:2007 Märkus 2.1	21.03.2010

EVS-EN ISO 8835-3:2009 Inhalatsioonianesteesia süsteemid. Osa 3: Aktiivanesteesia gaasi puhastamissüsteemi ülekanne- ja vastuvõtusüsteemid / <i>Inhalational anaesthesia systems - Part 3: Transfer and receiving systems of active anaesthetic gas scavenging systems</i>	02.12.2009	EVS-EN ISO 8835- 3:2007 Märkus 2.1	21.03.2010
EVS-EN ISO 8835-4:2009 Inhalatsioonianesteesia süsteemid. Osa 4: Anesteetilise toimega aurude edastamise seadmed (ISO 8835-4:2004) / <i>Inhalational anaesthesia systems - Part 4: Anaesthetic vapour delivery devices</i>	02.12.2009	EVS-EN ISO 8835- 4:2004 Märkus 2.1	21.03.2010
EVS-EN ISO 8835-5:2009 Inhalatsioonianesteesia süsteemid. Osa 5: Anesteesia ventilaatorid / <i>Inhalational anaesthesia systems - Part 5: Anaesthesia ventilators</i>	02.12.2009	EVS-EN ISO 8835- 5:2004 Märkus 2.1	21.03.2010
EVS-EN ISO 9360-1:2009 Tuimasti- ja hingamisseadmed. Soojus- ja niiskusvahetid (HME'd) niisutavatele respireeritud gaasidele inimestes. Osa 1: HME- d kasutamiseks minimaalselt 250 ml hingamismahuga / <i>Anaesthetic and respiratory equipment - Heat and moisture exchangers (HMEs) for humidifying respired gases in humans - Part 1: HMEs for use with minimum tidal volumes of 250 ml</i>	02.12.2009	EVS-EN ISO 9360- 1:2000 Märkus 2.1	21.03.2010
EVS-EN ISO 9360-2:2009 Tuimasti- ja hingamisseadmed. Soojus- ja niiskusvahetid (HME'd) niisutavatele respireeritud gaasidele inimestes. Osa 2: Minimaalselt 250 ml hingamismahuga HME-d kasutamiseks trahhetoomiapatsientidel / <i>Anaesthetic and respiratory equipment - Heat and moisture exchangers (HMEs) for humidifying respired gases in humans - Part 2: HMEs for use with tracheostomized patients having minimum tidal volumes of 250 ml</i>	02.12.2009	EVS-EN ISO 9360- 2:2003	21.03.2010
EVS-EN ISO 9713:2009 Neurokirurgilised implantaadid. Isesulguvad intrakraniaalsed aneurüsmiklambrid / <i>Neurosurgical implants - Self-closing intracranial aneurysm clips</i>	02.12.2009	EVS-EN ISO 9713:2004 Märkus 2.1	21.03.2010
EVS-EN ISO 9919:2009 Elektrilised meditsiiniseadmed. Erinõuded meditsiiniotstarbelise pulssoksümeetri esmasele ohutusele ja olulistele toimimisnäitajatele / <i>Medical electrical equipment - Particular requirements for the basic safety and essential performance of pulse oximeter equipment for medical use</i>	02.12.2009	EVS-EN ISO 9919:2006 Märkus 2.1	21.03.2010
EVS-EN ISO 10079-1:2009 Meditsiiniline vaakumaparatuur. Osa 1: Elektritoitel töötav vaakumaparatuur. Ohutusnõuded / <i>Medical suction equipment - Part 1: Electrically powered suction equipment - Safety requirements</i>	02.12.2009	EVS-EN ISO 10079- 1:1999 Märkus 2.1	21.03.2010

EVS-EN ISO 10079-2:2009 Meditsiiniline vaakumaparatuur. Osa 2: Käsitati kätatava ajamiga vaakumaparatuur / <i>Medical suction equipment - Part 2: Manually powered suction equipment</i>	02.12.2009	EVS-EN ISO 10079- 2:1999 Märkus 2.1	21.03.2010
EVS-EN ISO 10079-3:2009 Meditsiiniline vaakumaparatuur. Osa 3: Vaakum- või surveajamiga töötav vaakumaparatuur / <i>Medical suction equipment - Part 3: Suction equipment powered from vacuum or pressure source</i>	02.12.2009	EVS-EN ISO 10079- 3:1999 Märkus 2.1	21.03.2010
EVS-EN ISO 10555-1:2009 Steriilsed ühekordselt kasutatavad intravaskulaarsed (soonesised) kateetrid. Osa 1: Üldnõuded / <i>Sterile, single use intravascular catheters - Part 1: General requirements</i>	02.12.2009	EVS-EN ISO 10555- 1:1999 Märkus 2.1	21.03.2010
EVS-EN ISO 10651-2:2009 Meditsiiniliseks kasutamiseks ettenähtud kopsuventilaatorid. Erinõuded esmasele ohutusele ja olulistele toimimisnäitajatele. Osa 2: Ventilaatoritest sõltuvate patsientide koduseks raviks mõeldud ventilaatorid / <i>Lung ventilators for medical use - Particular requirements for basic safety and essential performance - Part 2: Home care ventilators for ventilator-dependent patients</i>	02.12.2009	EVS-EN ISO 10651- 2:2004 Märkus 2.1	21.03.2010
EVS-EN ISO 10651-4:2009 Kopsuventilaatorid. Osa 4: Erinõuded käsiagamiga elustamisseadmetele / <i>Lung ventilators - Part 4: Particular requirements for operator - powered resuscitators</i>	02.12.2009	EVS-EN ISO 10651- 4:2002 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-1:2009 Meditsiiniseadmete bioloogiline hindamine. Osa 1: Hindamine ja katsetamine / <i>Biological evaluation of medical devices - Part 1: Evaluation and testing</i>	02.12.2009	EVS-EN ISO 10993- 1:2003 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-3:2009 Meditsiiniseadmete bioloogiline hindamine. Osa 3: Testid geenitoksiliste, kantserogeensete ja reproduktiivsete toksiinide määramiseks / <i>Biological evaluation of medical devices - Part 3: Tests for genotoxicity, carcinogenicity and reproductive toxicity</i>	02.12.2009	EVS-EN ISO 10993- 3:2004 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-4:2009 Meditsiinivahendite bioloogiline hindamine. Osa 4: Vastasmõjude hindamiseks läbiviidavad valikkatsed verrega / <i>Biological evaluation of medical devices - Part 4: Selection of tests for interactions with blood</i>	02.12.2009	EVS-EN ISO 10993- 4:2003 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-5:2009 Meditsiinivahendite bioloogiline hindamine. Osa 5: Katsed tsütotoksilisuse hindamiseks - in vitro meetodid / <i>Biological evaluation of medical devices - Part 5: Tests for in vitro cytotoxicity</i>	02.12.2009	EVS-EN ISO 10993- 5:1999 Märkus 2.1	21.03.2010

EVS-EN ISO 10993-6:2009 Meditsiinivahendite bioloogiline hindamine. Osa 6: Katsed implantatsioonijärgsete paiksete toimete hindamiseks / <i>Biological evaluation of medical devices - Part 6: Tests for local effects after implantation</i>	02.12.2009	EVS-EN ISO 10993-6:2007 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-9:2009 Meditsiiniseadmete bioloogiline hindamine. Osa 9: Potentsiaalsete lagusaaduste identifitseerimise ja kvantifitseerimise raamistik / <i>Biological evaluation of medical devices - Part 9: Framework for identification and quantification of potential degradation products</i>	02.12.2009	EVS-EN ISO 10993-9:2000 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-10:2009 Meditsiiniseadmete bioloogiline hindamine. Osa 10: Ärrituse ja hilise ülitundlikkuse katsed / <i>Biological evaluation of medical devices - Part 10: Tests for irritation and delayed-type hypersensitivity</i>	02.12.2009	EVS-EN ISO 10993-10:2002 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-11:2009 Meditsiiniseadmete bioloogiline hindamine. Osa 11: Katsed süsteemse toksilisuse hindamiseks / <i>Biological evaluation of medical devices - Part 11: Tests for systemic toxicity</i>	02.12.2009	EVS-EN ISO 10993-11:2006 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-12:2009 Meditsiiniseadmete bioloogiline hindamine. Osa 12: Proovieksemplari ettevalmistamine ja etalonained / <i>Biological evaluation of medical devices - Part 12: Sample preparation and reference materials</i>	02.12.2009	EVS-EN ISO 10993-12:2008 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-13:2009 Meditsiiniseadmete bioloogiline hindamine. Osa 13: Polümeersetest meditsiiniseadmetest pärit mittetäisväärtuslike saaduste kuuluvuse ja koguse kindlakstegemine / <i>Biological evaluation of medical devices - Part 13: Identification and quantification of degradation products from polymeric medical devices</i>	02.12.2009	EVS-EN ISO 10993-13:1999 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-14:2009 Meditsiiniseadmete bioloogiline hindamine. Osa 14: Keraamika lagusaaduste identifitseerimine ja kvantifitseerimine / <i>Biological evaluation of medical devices - Part 14: Identification and quantification of degradation products from ceramics</i>	02.12.2009	EVS-EN ISO 10993-14:2002 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-15:2009 Meditsiiniseadmete bioloogilise sobivuse hindamine. Osa 15: Metallide ja sulamite laguproduktide kindlaksmääramine ja koguseline tuvastamine / <i>Biological evaluation of medical devices - Part 15: Identification and quantification of degradation products from metals and alloys</i>	02.12.2009	EVS-EN ISO 10993-15:2001 Märkus 2.1	21.03.2010

EVS-EN ISO 10993-16:2009 Meditsiiniseadmete bioloogiline hindamine. Osa 16: Mittetäisväärtuslike saaduste ja uhtainete jaoks mõeldud toksikokineetilise uuringu ülesehitus / <i>Biological evaluation of medical devices - Part 16: Toxicokinetic study design for degradation products and leachables</i>	02.12.2009	EVS-EN ISO 10993-16:1999 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-17:2009 Meditsiiniseadmete bioloogiline hindamine. Osa 17: Aine eraldumise lubatud piirmäärade kehtestamine / <i>Biological evaluation of medical devices - Part 17: Establishment of allowable limits for leachable substances</i>	02.12.2009	EVS-EN ISO 10993-17:2003 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-18:2009 Meditsiiniseadmete bioloogiline hindamine. Osa 18. Materjalide keemiline iseloomustus / <i>Biological evaluation of medical devices - Part 18: Chemical characterization of materials</i>	02.12.2009	EVS-EN ISO 10993-18:2005 Märkus 2.1	21.03.2010
EVS-EN ISO 11137-2:2007/AC:2009 Tervishoiutoodete steriliseerimine. Kiirgus. Osa 2: Steriliseerimisdoosi määramine / <i>Sterilization of health care products - Radiation - Part 2: Establishing the sterilization dose</i>	02.12.2009		
EVS-EN ISO 11138-2:2009 Bioloogilised süsteemid sterilisaatorite ja sterilisatsiooniprotsesside katsetamiseks. Osa 2: Spetsiaalsüsteemid kasutamiseks etüleenoksiidsterilisaatorites / <i>Sterilization of health care products - Biological indicators - Part 2: Biological indicators for ethylene oxide sterilization processes</i>	02.12.2009	EVS-EN ISO 11138-2:2006 Märkus 2.1	21.03.2010
EVS-EN ISO 11138-3:2009 Bioloogilised süsteemid sterilisaatorite ja sterilisatsiooniprotsesside katsetamiseks. Osa 3: Spetsiaalsüsteemid kasutamiseks niiske kuumusega steriliseerivates sterilisaatorites / <i>Sterilization of health care products - Biological indicators - Part 3: Biological indicators for moist heat sterilization processes</i>	02.12.2009	EVS-EN ISO 11138-3:2006 Märkus 2.1	21.03.2010
EVS-EN ISO 11140-1:2009 Tervishoiutoodete steriliseerimine. Keemilised näitajad. Osa 1: Üldised nõuded / <i>Sterilization of health care products - Chemical indicators - Part 1: General requirements</i>	02.12.2009	EVS-EN ISO 11140-1:2005 Märkus 2.1	21.03.2010
EVS-EN ISO 11140-3:2009 Tervishoiutoodete steriliseerimine. Keemilised indikaatorid. Osa 3: 2.klassi kuuluvad indikaatorsüsteemid kasutamiseks Bowie ja Dick tüüpi auruläbivuskatsete teostamisel / <i>Sterilization of health care products - Chemical indicators - Part 3: Class 2 indicator systems for use in the Bowie and Dick-type steam penetration test</i>	02.12.2009	EVS-EN ISO 11140-3:2007 Märkus 2.1	21.03.2010
EVS-EN ISO 11197:2009 Meditsiinilised toiteseadmed / <i>Medical supply units</i>	02.12.2009	EVS-EN ISO 11197:2005 Märkus 2.1	21.03.2010

EVS-EN ISO 11607-1:2009 Terminaalselt steriliseeritud meditsiiniseadmete pakendid. Osa 1: Nõuded materjalile, steriilsele kaitse- ja pakendamismeetoditele / <i>Packaging for terminally sterilized medical devices - Part 1: Requirements for materials, sterile barrier systems and packaging systems</i>	02.12.2009	EVS-EN ISO 11607-1:2006 Märkus 2.1	21.03.2010
EVS-EN ISO 11737-1:2006/AC:2009 Meditsiiniseadmete steriliseerimine. Mikrobioloogilised meetodid. Osa 1: Mikroobse populatsiooni määramine tootel / <i>Sterilization of medical devices - Microbiological methods - Part 1: Determination of a population of microorganisms on products</i>	02.12.2009		
EVS-EN ISO 11810-1:2009 Laserid ja laserseadmed. Katsemeetod ja klassifikatsioon kirurgiliste linade ja/või patsientide katete laserikindluse määramiseks. Osa 1: Esmane süttimine ja läbitungimine (ISO 11810-1:2005) / <i>Lasers and laser-related equipment - Test method and classification for the laser resistance of surgical drapes and/or patient protective covers - Part 1: Primary ignition and penetration</i>	02.12.2009		
EVS-EN ISO 11810-2:2009 Laserid ja laseritega seotud seadmestik. Laseriga kasutamiseks sobivad kirurgilised eesriided ja/või patsiendi kaitsekatted. Osa 2: Teisene süttimine / <i>Lasers and laser-related equipment - Test method and classification for the laser-resistance of surgical drapes and/or patient-protective covers - Part 2: Secondary ignition</i>	02.12.2009	EVS-EN ISO 11810-2:2007 Märkus 2.1	21.03.2010
EVS-EN ISO 11979-8:2009 Oftalmilised implantaadid. Intraokulaarsed läätsed. Osa 8: Põhinõuded / <i>Ophthalmic implants - Intraocular lenses - Part 8: Fundamental requirements</i>	02.12.2009	EVS-EN ISO 11979-8:2006 Märkus 2.1	21.03.2010
EVS-EN 12006-2:1999+A1:2009 Mitteaktiivsed kirurgilised implantaadid. Erinõuded südame- ja soonteimplantaatidele. Osa 2: Soonteproteesid, k.a südameklapi suistikud KONSOLIDEERITUD TEKST / <i>Non active surgical implants - Particular requirements for cardiac and vascular implants - Part 2: Vascular prostheses including cardiac valve conduits. CONSOLIDATED TEXT</i>	02.12.2009	EVS-EN 12006-2:1999 Märkus 2.1	21.03.2010
EVS-EN 12006-3:1999+A1:2009 Mitteaktiivsed kirurgilised implantaadid. Erinõuded südame- ja soonteimplantaatidele. Osa 3: Soonesisesed vahendid KONSOLIDEERITUD TEKST / <i>Non active surgical implants - Particular requirements for cardiac and vascular implants - Part 3: Endovascular devices CONSOLIDATED TEXT</i>	02.12.2009	EVS-EN 12006-3:1999 Märkus 2.1	21.03.2010

EVS-EN 12470-1:2000+A1:2009 Kliinilised termomeetrid. Osa 1: Maksimumseadmega metalsed vedeliktermomeetrid KONSOLIDEERITUD TEKST / <i>Clinical thermometers - Part 1: Metallic liquid-in-glass thermometers with maximum device CONSOLIDATED TEXT</i>	02.12.2009	EVS-EN 12470-1:2000 Märkus 2.1	21.03.2010
EVS-EN 12470-2:2001+A1:2009 Kliinilised termomeetrid. Osa 2: Faasimuundertüüpi (punktmaatriks) termomeetrid KONSOLIDEERITUD TEKST / <i>Clinical thermometers - Part 2: Phase change type (dot matrix) thermometers CONSOLIDATED TEXT</i>	02.12.2009	EVS-EN 12470-2:2001 Märkus 2.1	21.03.2010
EVS-EN 12470-3:2000+A1:2009 Kliinilised termomeetrid. Osa 3: Maksimumseadmega kompaktsete (mitteennetavate ja ennetavate) elektritermomeetrite jõudlus KONSOLIDEERITUD TEKST / <i>Clinical thermometers - Part 3: Performance of compact electrical thermometers (non- predictive and predictive) with maximum device CONSOLIDATED TEXT</i>	02.12.2009	EVS-EN 12470-3:2000 Märkus 2.1	21.03.2010
EVS-EN 12470-4:2001+A1:2009 Kliinilised termomeetrid. Osa 4: Pidevmõõtmisega elektritermomeetrite jõudlus KONSOLIDEERITUD TEKST / <i>Clinical thermometers - Part 4: Performance of electrical thermometers for continuous measurement CONSOLIDATED TEXT</i>	02.12.2009	EVS-EN 12470-4:2001 Märkus 2.1	21.03.2010
EVS-EN ISO 12870:2009 Oftalmiline optika. Prilliraamid. Nõuded ja katsemeetodid / <i>Ophthalmic optics - Spectacle frames - Requirements and test methods</i>	02.12.2009	EVS-EN ISO 12870:2004 Märkus 2.1	21.03.2010
EVS-EN 13060:2004+A1:2009 Väikesemahulised aurusterilisaatorid KONSOLIDEERITUD TEKST / <i>Small steam sterilizers CONSOLIDATED TEXT</i>	02.12.2009	EVS-EN 13060:2004 Märkus 2.1	21.03.2010
EVS-EN 13867:2002+A1:2009 Vere dialüüsi ja sellega seotud ravi kontsentraadid KONSOLIDEERITUD TEKST / <i>Concentrates for haemodialysis and related therapies CONSOLIDATED TEXT</i>	02.12.2009	EVS-EN 13867:2002 Märkus 2.1	21.03.2010
EVS-EN 13976-2:2004** Päästesüsteemid. Inkubaatorite transportimine. Osa 1: Nõuded liidesele / <i>Rescue systems - Transportation of incubators - Part 1: Interface conditions</i>	02.12.2009		
EVS-EN 14180:2003+A1:2009 Meditiinilised steriliseerijad. Madaltemperatuuriga auru ja formaldehüüdi kasutavad steriliseerijad. Nõuded ja katsetamine KONSOLIDEERITUD TEKST / <i>Sterilizers for medical purposes - Low temperature steam and formaldehyde sterilizers - Requirements and testing CONSOLIDATED TEXT</i>	02.12.2009	EVS-EN 14180:2003 Märkus 2.1	21.03.2010

EVS-EN ISO 14408:2009 Laserkirurgias kasutatavad trahheotoomiavoolikud. Nõuded märgistusele ja kaasnevale informatsioonile / <i>Tracheal tubes designed for laser surgery - Requirements for marking and accompanying information</i>	02.12.2009	EVS-EN ISO 14408:2005 Märkus 2.1	21.03.2010
EVS-EN ISO 14534:2009 Oftalmiline optika. Kontaktläätsed ja kontaktläätsede hooldusvahendid. Põhinõuded / <i>Ophthalmic optics - Contact lenses and contact lens care products - Fundamental requirements</i>	02.12.2009	EVS-EN ISO 14534:2002 Märkus 2.1	21.03.2010
EVS-EN ISO 14602:2009 Mitteaktiivsed kirurgilised implantaadid. Osteosünteesiks ettenähtud implantaadid. Erinõuded / <i>Non-active surgical implants - Implants for Osteosynthesis - Particular requirements</i>	02.12.2009	EVS-EN ISO 14602:1999 Märkus 2.1	21.03.2010
EVS-EN ISO 14607:2009 Mitteaktiivsed kirurgilised implantaadid. Rindade implantaadid. Erinõuded / <i>Non-active surgical implants - Mammary implants - Particular requirements</i>	02.12.2009	EVS-EN ISO 14607:2007 Märkus 2.1	21.03.2010
EVS-EN ISO 14630:2009 Mitteaktiivsed kirurgilised implantaadid. Üldnõuded / <i>Non-active surgical implants - General requirements</i>	02.12.2009	EVS-EN ISO 14630:2008 Märkus 2.1	21.03.2010
EVS-EN ISO 14889:2009 Oftalmiline optika. Prilliläätsed. Põhinõuded mõõtulõikamata viimistletud prilliläätsedele / <i>Ophthalmic optics - Spectacle lenses - Fundamental requirements for uncut finished lenses</i>	02.12.2009	EVS-EN ISO 14889:2004 Märkus 2.1	21.03.2010
EVS-EN ISO 15004-1:2009 Oftalmilised instrumendid. Põhinõuded ja katsemeetodid. Osa 1: Üldnõuded kõigile oftalmilistele instrumentidele / <i>Ophthalmic instruments - Fundamental requirements and test methods - Part 1: General requirements applicable to all ophthalmic instruments</i>	02.12.2009	EVS-EN ISO 15004-1:2006 Märkus 2.1	21.03.2010
EVS-EN ISO 15225:2000/A2:2005 Nomenklatuur. Meditsiinivahendite nomenklatuurisüsteemi spetsifikatsioon ettenähtud andmevahetuse otstarbel / <i>Nomenclature - Specification for a nomenclature system for medical devices for the purpose of regulatory data exchange</i>	02.12.2009	Märkus 3	Kehtivuse lõppkuupäev (31.01.2006)
EVS-EN ISO 15883-1:2009 Pesur-desinfitseerija. Osa 1: Üldnõuded, terminid, definitsioonid ja katsed / <i>Washer-disinfectors - Part 1: General requirements, terms and definitions and tests</i>	02.12.2009	EVS-EN ISO 15883-1:2006 Märkus 2.1	21.03.2010

EVS-EN ISO 15883-2:2009 Pesur-desinfitseerija. Osa 2: Nõuded ja testid kirurgiainstrumentide, anesteesiaeadmete, anumate, sööginõude, kuuldetorude ja klaasnõude termilise desinfektsiooni pesur-desinfitseerijatele / <i>Washer-disinfectors - Part 2: Requirements and tests for washer-disinfectors employing thermal disinfection for surgical instruments, anaesthetic equipment, bowls, dishes, receivers, utensils, glassware, etc.</i>	02.12.2009	EVS-EN ISO 15883-2:2006 Märkus 2.1	21.03.2010
EVS-EN ISO 15883-3:2009 Pesur-desinfitseerija. Osa 3: Nõuded ja testid inimjäätmete konteinerite termilise desinfektsiooni pesur-desinfitseerijatele / <i>Washer-disinfectors - Part 3: Requirements and tests for washer-disinfectors employing thermal disinfection for human waste containers</i>	02.12.2009	EVS-EN ISO 15883-3:2006 Märkus 2.1	21.03.2010
EVS-EN ISO 15883-4:2009 Pesur-desinfitseerija. Osa 4: Termotundlike endoskoopide keemiliseks desinfitseerimiseks kasutatavate pesuritele-desinfektoritele esitatavad nõuded ja katsed / <i>Washer-disinfectors - Part 4: Requirements and tests for washer-disinfectors employing chemical disinfection for thermolabile endoscopes</i>	02.12.2009	EVS-EN ISO 15883-4:2008 Märkus 2.1	21.03.2010
EVS-EN ISO 17510-1:2009 Uneapnoe hingamisteraapia. Osa 1: Uneapnoe hingamisteraapia seadmed / <i>Sleep apnoea breathing therapy - Part 1: Sleep apnoea breathing therapy equipment</i>	02.12.2009	EVS-EN ISO 17510-1:2007 Märkus 2.1	21.03.2010
EVS-EN ISO 17510-2:2009 Uneapnoe hingamisteraapia. Osa 2: Maskid ja lisatarvikud / <i>Sleep apnoea breathing therapy - Part 2: Masks and application accessories</i>	02.12.2009	EVS-EN ISO 17510-2:2007 Märkus 2.1	21.03.2010
EVS-EN ISO 18777:2009 Meditatsiooniks kasutamiseks mõeldud kaasaskantavad vedelhapnikusüsteemid. Erinõuded / <i>Transportable liquid oxygen systems for medical use - Particular requirements</i>	02.12.2009	EVS-EN ISO 18777:2005 Märkus 2.1	21.03.2010
EVS-EN ISO 18778:2009 Hingamisvahendid. Beebimonitorid. Erinõuded / <i>Respiratory equipment - Infant monitors - Particular requirements</i>	02.12.2009	EVS-EN ISO 18778:2005 Märkus 2.1	21.03.2010
EVS-EN ISO 21534:2009 Mitteaktiivsed kirurgilised implantaadid. Liigest asendavad implantaadid. Erinõuded / <i>Non-active surgical implants - Joint replacement implants - Particular requirements</i>	02.12.2009	EVS-EN ISO 21534:2007 Märkus 2.1	21.03.2010
EVS-EN ISO 21535:2009 Mitteaktiivsed kirurgilised implantaadid. Liigeste asendusimplantaadid. Erinõuded puusaliigese asendusimplantaadile / <i>Non-active surgical implants - Joint replacement implants - Specific requirements for hip-joint replacement implants</i>	02.12.2009	EVS-EN ISO 21535:2007 Märkus 2.1	21.03.2010

EVS-EN ISO 21536:2009 Mitteaktiivsed kirurgilised implantaadid. Liigeste asendusimplantaadid. Erinõuded põlveliigese asendusimplantaadile / <i>Non-active surgical implants - Joint replacement implants - Specific requirements for knee-joint replacement implants</i>	02.12.2009	EVS-EN ISO 21536:2007 Märkus 2.1	21.03.2010
EVS-EN ISO 21647:2009 Elektrilised meditsiiniseadmed. Erinõuded gaasi monitooringuseadmete esmasele ohutusele ja toimimise põhinõuetele / <i>Medical electrical equipment - Particular requirements for the basic safety and essential performance of respiratory gas monitors</i>	02.12.2009	EVS-EN ISO 21647:2005 Märkus 2.1	21.03.2010
EVS-EN ISO 23328-2:2009 Hingamissüsteemi filtrid tuimastuseks ja respiratoorseks kasutuseks. Osa 2: Mittefiltrerimise aspektid / <i>Breathing system filters for anaesthetic and respiratory use - Part 2: Non-filtration aspects</i>	02.12.2009	EVS-EN ISO 23328-2:2008 Märkus 2.1	21.03.2010
EVS-EN ISO 23747:2009 Anesteesia- ja hingamisaparatuur. Tippvõimsusega mõõturid kopsutalitluse mõõtmiseks / <i>Anaesthetic and respiratory equipment - Peak expiratory flow meters for the assessment of pulmonary function in spontaneously breathing humans</i>	02.12.2009	EVS-EN ISO 23747:2008 Märkus 2.1	21.03.2010
EVS-EN ISO 25539-1:2009 Südame-veresoonkonna implantaadid. Soonesised vahendid. Osa1: Soonesised proteesid / <i>Cardiovascular implants - Endovascular devices - Part 1: Endovascular prostheses</i>	02.12.2009		21.03.2010
EVS-EN ISO 25539-2:2009 Südame-veresoonkonna implantaadid. Soonesised vahendid. Osa 2: Arteriaalpingutid / <i>Cardiovascular implants - Endovascular devices - Part 2: Vascular stents</i>	02.12.2009	EVS-EN ISO 25539-2:2008 Märkus 2.1	21.03.2010

** standard sisaldab esmakordselt avaldatud EN 13976-2:2003/AC:2004

Märkus 1

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

Märkus 2.1

Uus (või muudetud) standardi reguleerimisala on samasugune nagu asendataval standardil. Osutatud kuupäeval kaotab kehtivuse asendatava standardi järgimisest tulenev vastavuseeldus direktiivi oluliste nõuetele.

Märkus 3

Muudatuste puhul on viidatud standardiks EVS-EN CCCC:YYYY, selle varasemad muudatused, kui neid on, ja uus viidatud muudatus. Asendatav standard (3. veerg) sisaldab seetõttu standardit EVS-EN CCCC:YYYY ja standardi eelmisi muudatusi, kui need on olemas, ilma uue viidatud muudatuseta. Määratud kuupäevast alates ei anna asendatav standard vastavuseeldust direktiivi olulistele nõuetele.

Direktiiv 90/385/EMÜ Aktiivsed siirdatavad meditsiiniseadmed
(EL Teataja 2009/C 293/02)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millal Eesti standardi aluseks oleva Euroopa standardi kohta on avaldatud viide EL Teatajas	Viide asendatavale Eesti standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse Märkus 1
EVS-EN ISO 10993-1:2009 Meditsiiniseadmete bioloogiline hindamine. Osa 1: Hindamine ja katsetamine / <i>Biological evaluation of medical devices - Part 1: Evaluation and testing</i>	02.12.2009	EVS-EN ISO 10993-1:2003 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-4:2009 Meditsiinivahendite bioloogiline hindamine. Osa 4: Vastasmõjude hindamiseks läbiviidavad valikkatsed verrega / <i>Biological evaluation of medical devices - Part 4: Selection of tests for interactions with blood</i>	02.12.2009	EVS-EN ISO 10993-4:2003 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-5:2009 Meditsiinivahendite bioloogiline hindamine. Osa 5: Katsed tsütotoksilisuse hindamiseks - in vitro meetodid / <i>Biological evaluation of medical devices - Part 5: Tests for in vitro cytotoxicity</i>	02.12.2009	EVS-EN ISO 10993-5:1999 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-6:2009 Meditsiinivahendite bioloogiline hindamine. Osa 6: Katsed implantatsioonijärgsete paiksete toimete hindamiseks / <i>Biological evaluation of medical devices - Part 6: Tests for local effects after implantation</i>	02.12.2009	EVS-EN ISO 10993-6:2007 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-9:2009 Meditsiiniseadmete bioloogiline hindamine. Osa 9: Potentsiaalsete lagusaaduste identifitseerimise ja kvantifitseerimise raamistik / <i>Biological evaluation of medical devices - Part 9: Framework for identification and quantification of potential degradation products</i>	02.12.2009	EVS-EN ISO 10993-9:2000 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-10:2009 Meditsiiniseadmete bioloogiline hindamine. Osa 10: Ärrituse ja hilise ülitundlikkuse katsed / <i>Biological evaluation of medical devices - Part 10: Tests for irritation and delayed-type hypersensitivity</i>	02.12.2009	EVS-EN ISO 10993-10:2002 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-11:2009 Meditsiiniseadmete bioloogiline hindamine. Osa 11: Katsed süsteemse toksilisuse hindamiseks / <i>Biological evaluation of medical devices - Part 11: Tests for systemic toxicity</i>	02.12.2009	EVS-EN ISO 10993-11:2006 Märkus 2.1	21.03.2010

EVS-EN ISO 10993-12:2009 Meditsiiniseadmete bioloogiline hindamine. Osa 12: Proovieksemplari ettevalmistamine ja etalonained / <i>Biological evaluation of medical devices - Part 12: Sample preparation and reference materials</i>	02.12.2009	EVS-EN ISO 10993-12:2008 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-13:2009 Meditsiiniseadmete bioloogiline hindamine. Osa 13: Polümeersest meditsiiniseadmetest pärit mittetäisväärtuslike saaduste kuuluvuse ja koguse kindlakstegemine / <i>Biological evaluation of medical devices - Part 13: Identification and quantification of degradation products from polymeric medical devices</i>	02.12.2009	EVS-EN ISO 10993-13:1999 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-16:2009 Meditsiiniseadmete bioloogiline hindamine. Osa 16: Mittetäisväärtuslike saaduste ja uhtainete jaoks mõeldud toksikokineetilise uuringu ülesehitus / <i>Biological evaluation of medical devices - Part 16: Toxicokinetic study design for degradation products and leachables</i>	02.12.2009	EVS-EN ISO 10993-16:1999 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-17:2009 Meditsiiniseadmete bioloogiline hindamine. Osa 17: Aine eraldumise lubatud piirmäärade kehtestamine / <i>Biological evaluation of medical devices - Part 17: Establishment of allowable limits for leachable substances</i>	02.12.2009	EVS-EN ISO 10993-17:2003 Märkus 2.1	21.03.2010
EVS-EN ISO 10993-18:2009 Meditsiiniseadmete bioloogiline hindamine. Osa 18. Materjalide keemiline iseloomustus / <i>Biological evaluation of medical devices - Part 18: Chemical characterization of materials</i>	02.12.2009	EVS-EN ISO 10993-18:2005 Märkus 2.1	21.03.2010
EVS-EN ISO 11137-2:2007/AC:2009 Tervishoiutoodete steriliseerimine. Kiirgus. Osa 2: Steriliseerimisdoosi määramine / <i>Sterilization of health care products - Radiation - Part 2: Establishing the sterilization dose</i>	02.12.2009		
EVS-EN ISO 11138-2:2009 Bioloogilised süsteemid sterilisaatorite ja sterilisatsiooniprotsesside katsetamiseks. Osa 2: Spetsiaalsüsteemid kasutamiseks etüleenoksiidsterilisaatorites / <i>Sterilization of health care products - Biological indicators - Part 2: Biological indicators for ethylene oxide sterilization processes</i>	02.12.2009	EVS-EN ISO 11138-2:2006 Märkus 2.1	21.03.2010
EVS-EN ISO 11138-3:2009 Bioloogilised süsteemid sterilisaatorite ja sterilisatsiooniprotsesside katsetamiseks. Osa 3: Spetsiaalsüsteemid kasutamiseks niiske kuumusega steriliseerivates sterilisaatorites / <i>Sterilization of health care products - Biological indicators - Part 3: Biological indicators for moist heat sterilization processes</i>	02.12.2009	EVS-EN ISO 11138-3:2006 Märkus 2.1	21.03.2010
EVS-EN ISO 11140-1:2009 Tervishoiutoodete steriliseerimine. Keemilised näitajad. Osa 1: Üldised nõuded / <i>Sterilization of health care products - Chemical indicators - Part 1: General requirements</i>	02.12.2009	EVS-EN ISO 11140-1:2005 Märkus 2.1	21.03.2010

EVS-EN ISO 11607-1:2009 Terminaalselt steriliseeritud meditsiiniseadmete pakendid. Osa 1: Nõuded materjalile, steriilsele kaitse- ja pakendamismeetoditele / <i>Packaging for terminally sterilized medical devices - Part 1: Requirements for materials, sterile barrier systems and packaging systems</i>	02.12.2009	EVS-EN ISO 11607-1:2006 Märkus 2.1	21.03.2010
EVS-EN ISO 11737-1:2006/AC:2009 Meditsiiniseadmete steriliseerimine. Mikrobioloogilised meetodid. Osa 1: Mikroobse populatsiooni määramine tootel / <i>Sterilization of medical devices - Microbiological methods - Part 1: Determination of a population of microorganisms on products</i>	02.12.2009		

Märkus 1

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

Märkus 2.1

Uus (või muudetud) standardi reguleerimisala on samasugune nagu asendataval standardil. Osutatud kuupäeval kaotab kehtivuse asendatava standardi järgimisest tulenev vastavuseeldus direktiivi oluliste nõuete ga.

Märkus 3

Muudatuste puhul on viidatud standardiks EVS-EN CCCC:YYYY, selle varasemad muudatused, kui neid on, ja uus viidatud muudatus. Asendatav standard (3. veerg) sisaldab seetõttu standardit EVS-EN CCCC:YYYY ja standardi eelmisi muudatusi, kui need on olemas, ilma uue viidatud muudatuseta. Määratud kuupäevast alates ei anna asendatav standard vastavuseeldust direktiivi olulistele nõuetele.

Direktiiv 98/79/EÜ Meditsiinilised in vitro diagnostikavahendid (EL Teataja 2009/C 293/04)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millal Eesti standardi aluseks oleva Euroopa standardi kohta on avaldatud viide EL Teatajas	Viide asendatavale Eesti standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse Märkus 1
EVS-EN ISO 10993-14:2009 Meditsiiniseadmete bioloogiline hindamine. Osa 14: Keraamika lagusaaduste identifitseerimine ja kvantifitseerimine / <i>Biological evaluation of medical devices - Part 14: Identification and quantification of degradation products from ceramics</i>	02.12.2009		

EVS-EN ISO 10993-15:2009 Meditsiiniseadmete bioloogilise sobivuse hindamine. Osa 15: Metallide ja sulamite laguproduktide kindlaksmääramine ja koguseline tuvastamine / <i>Biological evaluation of medical devices - Part 15: Identification and quantification of degradation products from metals and alloys</i>	02.12.2009		
EVS-EN ISO 15197:2003** In vitro laboriklaasil diagnoosimise süsteemid. Nõuded diabeetikute enesetestimise veresuhkru jälgimise süsteemile (ISO 15197:2003) / <i>In vitro diagnostic test systems - Requirements for bloodglucose monitoring systems for self-testing in managing diabetes mellitus</i>	02.12.2009		
EVS-EN ISO 15225:2000/A1:2004 Nomenklatuur. Meditsiinivahendite nomenklatuurisüsteemi spetsifikatsioon ettenähtud andmevahetuse otstarbel / <i>Nomenclature - Specification for a nomenclature system for medical devices for the purpose of regulatory data exchange</i>	02.12.2009	Märkus 3	Kehtivuse lõppkuupäev (31.08.2004)
EVS-EN ISO 15225:2000/A2:2005 Nomenklatuur. Meditsiinivahendite nomenklatuurisüsteemi spetsifikatsioon ettenähtud andmevahetuse otstarbel / <i>Nomenclature - Specification for a nomenclature system for medical devices for the purpose of regulatory data exchange</i>	02.12.2009	Märkus 3	Kehtivuse lõppkuupäev (31.01.2006)

** standard sisaldab esmakordselt avaldatud EN ISO 15197:2003/AC:2005

Märkus 1

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

Märkus 2.1

Uus (või muudetud) standardi reguleerimisala on samasugune nagu asendataval standardil. Osutatud kuupäeval kaotab kehtivuse asendatava standardi järgimisest tulenev vastavuseeldus direktiivi oluliste nõuetega.

Märkus 3

Muudatuste puhul on viidatud standardiks EVS-EN CCCCC:YYYY, selle varasemad muudatused, kui neid on, ja uus viidatud muudatus. Asendatav standard (3. veerg) sisaldab seetõttu standardit EVS-EN CCCCC:YYYY ja standardi eelmisi muudatusi, kui need on olemas, ilma uue viidatud muudatuseta. Määratud kuupäevast alates ei anna asendatav standard vastavuseeldust direktiivi olulistele nõuetele.

Direktiiv 1999/5/EÜ Raadioseadmed ja telekommunikatsioonivõrgu lõppseadmed
(EL Teataja 2009/C 303/35)

(Käesolev tekst tühistab ja asendab 2. detsembril 2009 Euroopa Liidu Teatajas C 293 avaldatud teksti)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millal Eesti standardi aluseks oleva Euroopa standardi kohta on avaldatud viide EL Teatajas	Viide asendatavale Eesti standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavuseeldus kaotab kehtivuse Märkus 1	Direktiivi 1999/5/EÜ artikkel
EVS-EN 60825-4:2006/A1:2008 Lasertoodete ohutus. Osa 4: Laservalveseadmed / <i>Safety of laser products - Part 4: Laser guards</i>	15.12.2009	Märkus 3	01.09.2011	
EVS-EN 61000-3-3:2008 Elektromagnetiline ühilduvus. Osa 3-3: Piirväärtused. Pingemuutude, pingekõikumiste ja pingeväreluse piiramine avalikes madalpingelistes elektrivarustussüsteemides tingimusteta ühendatavate seadmete puhul nimivooluga kuni 16 A faasi kohta / <i>Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current <= 16 A per phase and not subject to conditional connection</i>	15.12.2009	EVS-EN 61000-3-3: 2001 ja selle muudatused	01.09.2011	Artikli 3 lõike 1 punkt b
EVS-EN 300 065-3 V1.2.1:2009 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Kitsaribalise tähttrükkimise telegraafseadmed meteoroloogia- või navigatsioonialase informatsiooni vastuvõtmiseks (NAVTEX); Osa 3: Harmoneeritud EN R&TTE direktiivi artikli 3.3 (e) põhinõuete alusel / <i>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</i>	15.12.2009			

<p>EVS-EN 300 086-2 V1.2.1:2008 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Liikuv maaside; Eeskätt analoogkõne jaoks mõeldud raadiosagedusliku sise- või välisühendusega raadioseadmed; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment with an internal or external RF connector intended primarily for analogue speech; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive</i></p>	15.12.2009	EVS-EN 300 086-2:2001	30.06.2010	Artikli 3 lõige 2
<p>EVS-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 / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment using integral antennas intended primarily for analogue speech; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive</i></p>	15.12.2009			
<p>EVS-EN 300 440-2 V1.2.2:2008 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Lähitoimeseadmed; Raadiosagedusalas 1 GHz kuni 40 GHz töökasutatavad raadioseadmed; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel / <i>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 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive</i></p>	15.12.2009	EVS-EN 300 440-2 V1.1.2:2005	28.02.2010	Artikli 3 lõige 2
<p>EVS-EN 300 440-2 V1.3.1:2009 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM).Lähitoimeseadmed.Raadiosagedusalas 1 GHz kuni 40 GHz kasutatavad raadioseadmed.Osa 2. Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel / <i>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 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive</i></p>	15.12.2009			

<p>EVS-EN 301 166-2 V1.2.2:2008 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Liikuv maaside; Antenni ühendusega kitsaribalisel kanalil töötavad analoog- ja/või digitaalside (kõne ja /või andmeedastus) raadioseadmed; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhiohüete alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment for analogue and/or digital communication (speech and/or data) and operating on narrow band channels and having an antenna connector; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive</i></p>	15.12.2009	EVS-EN 301 166-2 V1.2.1:2007	31.05.2010	Artikli 3 lõige 2
<p>EVS-EN 301 357-2 V1.4.1:2008 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Raadiosagedusalas 25 MHz kuni 2000 MHz töötavad juhtmeta audioseadmed; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhiohüete alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Cordless audio devices in the range 25 MHz to 2 000 MHz; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive</i></p>	15.12.2009	EVS-EN 301 357-2 V1.3.1:2006	31.08.2010	Artikli 3 lõige 2
<p>EVS-EN 301 406 V2.1.1:2009 Raadiotelefonisüsteem (DECT).Raadiotelefonisüsteemi (DECT) harmoneeritud EN R&TTE direktiivi artikli 3.2 põhiohüete alusel.Üldised raadionõuded / <i>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</i></p>	15.12.2009			
<p>EVS-EN 301 489-17 V2.1.1:2009 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Raadioseadmete elektromagnetilise ühilduvuse (EMC) standard; Osa 17: Eritingimused lairiba andmeedastussüsteemidele / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems</i></p>	15.12.2009			

<p>EVS-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 andmeedastusseadmetele (MEDS) / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 29: Specific conditions for Medical Data Service Devices (MEDS) operating in the 401 MHz to 402 MHz and 405 MHz to 406 MHz bands</i></p>	15.12.2009			Artikli 3 lõike 1 punkt b
<p>EVS-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 / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 33: Specific conditions for Ultra Wide Band (UWB) communications devices</i></p>	15.12.2009			Artikli 3 lõike 1 punkt b
<p>EVS-EN 301 489-4 V1.4.1:2009 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Raadioseadmete ja raadiosideteenistuste elektromagnetilise ühilduvuse (EMC) standard; Osa 4: Eritingimused paiksetele raadiolinkidele,lairiba andmeedastussüsteemide baasjaamadele, lisaseadmetele ning raadiosideteenistustele / <i>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</i></p>	15.12.2009			
<p>EVS-EN 301 489-6 V1.3.1:2008 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM). Raadioseadmete ja raadiosideteenistuste elektromagnetilise ühilduvuse (EMC) standard. Osa 6: Eritingimused raadiotelefonisüsteemi (DECT) seadmetele / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM);ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;Part 6: Specific conditions for Digital Enhanced Cordless Telecommunications (DECT) equipment</i></p>	15.12.2009	EVS-EN 301 489-6 V1.2.1:2003	31.05.2010	Artikli 3 lõike 1 punkt b

<p>EVS-EN 301 893 V1.5.1:2008 Lairiba raadiojuurdepääsuvõrgud (BRAN); Raadiosagedusalas 5 GHz töötavate suure edastuskiirusega RLAN seadmed; Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel / <i>Broadband Radio Access Networks (BRAN); 5 GHz high performance RLAN; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive</i></p>	<p>15.12.2009</p>	<p>EVS-EN 301 893 V1.4.1:2007</p>	<p>30.06.2010</p>	<p>Artikli 3 lõige 2</p>
<p>EVS-EN 301 908-10 V4.1.1:2009 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM).Kolmanda põlvkonna mobiilsidevõrgu IMT-2000 baasjaamad (BS),repiiterid ja kasutajaseadmed (UE).Osa 10: IMT-2000, FDMA/TDMA (DECT) põhinõuded.Harmoneeritud EN R&TTE direktiivi artikli 3.2 alusel / <i>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</i></p>	<p>15.12.2009</p>			
<p>EVS-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 / <i>Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 4-2: Antennas; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive</i></p>	<p>15.12.2009</p>			
<p>EVS-EN 302 248 V1.1.2:2008 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM);Navigatsiooniradarid SOLAS konventsiooniga hõlmamata laevadel;Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM);Navigation radar for use on non-SOLAS vessels;Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive</i></p>	<p>15.12.2009</p>			<p>Artikli 3 lõige 2</p>

<p>EVS-EN 302 264-2 V1.1.1:2009 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Lähitoimeseadmed; Maanteesidesüsteemi seadmed (RTTT); Sagedusalas 77 GHz kuni 81 GHz töötavad sõidukiradarid; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Short Range Radar equipment operating in the 77 GHz to 81 GHz band; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive</i></p>	<p>15.12.2009</p>			
<p>EVS-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 / <i>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</i></p>	<p>15.12.2009</p>	<p>EVS-EN 302 288-2 V1.2.2:2008</p>	<p>31.10.2010</p>	<p>Artikli 3 lõige 2</p>
<p>EVS-EN 302 500-2 V1.2.1:2009 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 / <i>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 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive</i></p>	<p>15.12.2009</p>	<p>EVS-EN 302 500-2 V1.1.1:2007</p>	<p>31.03.2010</p>	<p>Artikli 3 lõige 2</p>
<p>EVS-EN 302 544-2 V1.1.1:2009 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 / <i>Broadband Data Transmission Systems operating in the 2 500 MHz to 2 690 MHz frequency band; Part 2: TDD User Equipment Stations; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive</i></p>	<p>15.12.2009</p>			<p>Artikli 3 lõige 2</p>

EVS-EN 302 567 V1.1.1:2009 Lairiba raadiojuurdepääsuvõrgud (BRAN).Raadiosagedusalas 60 GHz töötavad WAS/RLAN süsteemid.Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel / <i>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</i>	15.12.2009			
EVS-EN 302 571 V1.1.1:2008 Intelligentsed transpordisüsteemid (ITS); Sagedusvahemikus 5855 MHz kuni 5925 MHz töötavad raadioseadmed; Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 põhinõuete alusel / <i>Intelligent Transport Systems (ITS);Radiocommunications equipment operating in the 5 855 MHz to 5 925 MHz frequency band;Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Direct</i>	15.12.2009			Artikli 3 lõige 2
EVS-EN 302 608 V1.1.1:2008 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Lähitoimeseadmed (SRD); Raudteesidesüsteemi Eurobalise raadioseadmed; Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM);Short Range Devices (SRD);Radio equipment for Eurobalise railway systems;Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive</i>	15.12.2009			Artikli 3 lõige 2
EVS-EN 302 609 V1.1.1:2008 Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Lähitoimeseadmed (SRD); Raudteesidesüsteemi Euroloop raadioseadmed; Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel / <i>Electromagnetic compatibility and Radio spectrum Matters (ERM);Short Range Devices (SRD);Radio equipment for Euroloop railway systems;Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive</i>	15.12.2009			Artikli 3 lõige 2
EVS-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 / <i>Broadband Wireless Access Systems (BWA) in the 3 400 MHz to 3 800 MHz frequency band; Mobile Terminal Stations; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive</i>	15.12.2009			Artikli 3 lõige 2

Märkus 1

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

Märkus 3

Muudatuste puhul on viidatud standardiks EVS-EN CCCCC:YYYY, selle varasemad muudatused, kui neid on, ja uus viidatud muudatus. Asendatav standard (3. veerg) sisaldab seetõttu standardit EVS-EN CCCCC:YYYY ja standardi eelmisi muudatusi, kui need on olemas, ilma uue viidatud muudatuseta. Määratud kuupäevast alates ei anna asendatav standard vastavuseeldust direktiivi olulistele nõuetele.

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 jõustumistega 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 jõustumistega. Kavandid on kättesaadavad reeglina inglise keeles EVS klienditeeninduses ning standardiosakonnas. EVS tehnilistel komiteedel on võimalik saada koopiaid oma käsituslaga 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 Maantesõidukite 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

CEN ISO/TS 27687:2009

Hind 114,00

Identne CEN ISO/TS 27687:2009

ja identne ISO/TS 27687:2008

Nanotechnologies - Terminology and definitions for nano-objects - Nanoparticle, nanofibre and nanoplate

This Technical Specification lists unambiguous terms and definitions related to particles in the field of nanotechnologies. It is intended to facilitate communications between organizations and individuals in industry and those who interact with them.

Keel en

Asendab CEN ISO/TS 27687:2008

EVS-EN 14232:2009

Hind 315,00

Identne EN 14232:2009

Advanced technical ceramics - Terms, definitions and abbreviations

This document is a vocabulary which provides a list of terms and associated definitions which are typically used for advanced technical ceramic materials, products, applications, properties and processes. The document contains, in separate lists, those abbreviations which have found general acceptance in scientific and technical literature; they are given together with the corresponding terms and definitions or descriptions.

Keel en

EVS-EN 15714-1:2009

Hind 92,00

Identne EN 15714-1:2009

Industrial valves - Actuators - Part 1: Terminology and definitions

This document defines specific terms and definitions used for industrial valve actuators not included in EN 736-2 and EN 736-3.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

CEN ISO/TS 27687:2008

Identne CEN ISO/TS 27687:2008

ja identne ISO/TS 27687:2008

Nanotechnologies - Terminology and definitions for nano-objects - Nanoparticle, nanofibre and nanoplate

This Technical Specification lists unambiguous terms and definitions related to particles in the field of nanotechnologies. It is intended to facilitate communications between organizations and individuals in industry and those who interact with them.

Keel en

Asendatud CEN ISO/TS 27687:2009

EVS-EN ISO 9004:2001

Identne EN ISO 9004:2000

ja identne ISO 9004:2000

Kvaliteedijuhtimissüsteemid. Juhised toimivuse parendamiseks

Käesolev standard annab suuniseid, mis ulatuvad standardis ISO 9001 esitatud nõuetest kaugemale, et arvesse võtta kvaliteedijuhtimissüsteemi mõjusust ja tõhusust ning seega organisatsiooni toimivuse parenduspotentsiaali. Võrreldes ISO 9001-ga on kliendi rahulolu ja toote kvaliteedialaseid eesmärke avardatud, et hõlmata ka huvipoolte rahulolu ning organisatsiooni toimivust.

Keel et,en

Asendab EVS-EN ISO 9004-1:1996

Asendatud EVS-EN ISO 9004:2009

KAVANDITE ARVAMUSKÜSITLUS

FprEN ISO 14050

Identne FprEN ISO 14050:2009

ja identne ISO 14050:2009

Tähtaeg 1.03.2010

Environmental management - Vocabulary

This International Standard defines terms of fundamental concepts related to environmental management, published in the ISO 14000 series of International Standards.

Keel en

prEN 13710

Identne prEN 13710:2009

Tähtaeg 1.03.2010

European Ordering Rules - Ordering of characters from Latin, Greek, Cyrillic, Georgian and Armenian scripts

This European Standard specifies the order between two character strings composed of characters from the Modern European Scripts (MES) collection of ISO/IEC 10646:2003 or subsets of it.

Keel en

prEN 16016-1

Identne prEN 16016-1:2009

Tähtaeg 1.03.2010

Non destructive testing - Radiation method - Computed tomography - Part 1: Terminology

This European Standard defines terms used in the field of tomography. This document contains not only tomography-specific terms but also other more generic terms spanning imaging and radiography. The definitions for some of these terms feature a discussion point to refocus the term in the more specific context of computed tomography.

Keel en

prEN 16018

Identne prEN 16018:2009

Tähtaeg 1.03.2010

Non-destructive testing - Terminology - Terms used in ultrasonic testing with phased arrays

This European Standard defines terms used in ultrasonic testing with phased arrays.

Keel en

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

UUED STANDARDID JA PUBLIKATSIOONID

CEN ISO/TS 12813:2009

Hind 243,00

Identne CEN ISO/TS 12813:2009

ja identne ISO/TS 12813:2009

Electronic fee collection - Compliance check communication for autonomous systems

This Technical Specification defines requirements for short-range communication for the purposes of compliance checking in autonomous electronic fee-collecting (EFC) systems. Compliance checking communication (CCC) takes place between a road vehicle's on-board equipment (OBE) and an outside interrogator (road-side mounted equipment, mobile device or hand-held unit), and serves to establish whether the data that are delivered by the OBE correctly reflect the road usage of the corresponding vehicle according to the rules of the pertinent toll regime. The operator of the compliance checking interrogator is assumed to be part of the toll charging role as defined in ISO 17573. The CCC permits identification of the OBE, vehicle and contract, and verification of whether the driver has fulfilled his obligations and the checking status and performance of the OBE. The CCC reads, but does not write, OBE data.

Keel en

CWA 16026:2009

Hind 271,00

Identne CWA 16026:2009

Standardisation of Online Dispute Resolution Tools

This CEN Workshop Agreement (CWA) specifies guidelines to facilitate a clearer and easier use and exploitation of ADR resources to the potential users. The focus is Online Dispute Resolution (ODR). This CEN Workshop Agreement contains: 1. Analysis of the different kind of ODR models and tools in Europe and at the international level (the most relevant). This includes: business process models and workflow, bodies in charge of them, regulations and legal frameworks, roles, technological solutions, impacts on users and on markets, existing and on-going standardisation processes (EU & US). Cross reference to ISO 10003 will be made for the items which are already covered by ISO 10003 (ex. Dispute resolution methods). 2. Identification of interoperability issues among existing ODR systems and services; 3. Identification of the framework for generating methodological improvements and standardization supports enabling cross-country access to ODR resources and interoperability among them; 4. Definition of the taxonomy of business concepts, roles and processes; 5. Mapping of this taxonomy to a XML-based dialect. To this end, past and on-going experiences such the ODR Xml and the jurisdiction-based model of XBRL are considered.

Keel en

CWA 16030:2009

Hind 256,00

Identne CWA 16030:2009

Code of practice for implementing quality in mobility management in small and medium sized cities

This document provides a code of practice for defining, implementing and continually improving quality in mobility management in small and medium sized cities. Small and medium sized cities are cities with 20,000 to 200,000 inhabitants. However, the same QM-scheme could be implemented by any city or municipality investing in mobility management irrespective of its size. The QMSMM presented could also aid private entities, agencies or companies – in this document called organisations – in defining a Mobility Management Policy. The quality management scheme presented can be used as the basis for a self-declaration based on an internal auditing procedure or as the basis for certification by a competent third party.

Keel en

EVS-EN 60300-3-11:2009

Hind 243,00

Identne EN 60300-3-11:2009

ja identne IEC 60300-3-11:2009

Dependability management -- Part 3-11: Application guide - Reliability centred maintenance

This part of IEC 60300 provides guidelines for the development of failure management policies for equipment and structures using reliability centred maintenance (RCM) analysis techniques. This part serves as an application guide and is an extension of IEC 60300-3-10, IEC 60300-3-12 and IEC 60300-3-14. Maintenance activities recommended in all three standards, which relate to preventive maintenance, may be implemented using this standard. The RCM method can be applied to items such as ground vehicles, ships, power plants, aircraft, and other systems which are made up of equipment and structure, e.g. a building, airframe or ship's hull. Typically, equipment comprises a number of electrical, mechanical, instrumentation or control systems and subsystems which can be further broken down into progressively smaller groupings, as required. This standard is restricted to the application of RCM techniques and does not include aspects of maintenance support, which are covered by the above-mentioned standards or other dependability and safety standards.

Keel en

EVS-EN ISO 9004:2009

Hind 243,00

Identne EN ISO 9004:2009

ja identne ISO 9004:2009

Managing for the sustained success of an organization - A quality management approach

This International Standard provides guidance to organizations to support the achievement of sustained success by a quality management approach. It is applicable to any organization, regardless of size, type and activity. This International Standard is not intended for certification, regulatory or contractual use.

Keel en

Asendab EVS-EN ISO 9004:2001

EVS-EN ISO 24978:2009

Hind 315,00

Identne EN ISO 24978:2009

ja identne ISO 24978:2009

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

This International Standard deals with intelligent transport systems. This International Standard provides a standardized set of protocols, parameters, and a method of management of an updateable "Data Registry" to provide application layers for "ITS Safety messages" using any available wireless media.

Keel en

EVS 18002:2009

Hind 295,00

Identne OHSAS 18002:2008

Töötervishoiu ja tööohutuse juhtimissüsteemid. EVS 18001:2007 rakendusjuhised

Käesolev töötervishoiu ja tööohutuse hindamise sarja standard sätestab juhised EVS 18001:2007 (OHSAS 18001:2007) rakendamise kohta.

Juhised selgitavad standardi EVS 18001:2007 aluseks olevaid põhimõtteid ja kirjeldavad standardi iga nõude juures selle eesmärki, tüüpilisi sisendeid, protsesse ja tüüpilisi väljundeid. Eesmärgiks on aidata standardit EVS 18001:2007 mõista ja rakendada.

Standard EVS 18002 ei loo lisanõudeid standardis EVS 18001 sätestatutele ega kirjelda selle rakendamise kohustuslikku lähenemisviisi.

Keel et

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN ISO 9004:2001

Identne EN ISO 9004:2000

ja identne ISO 9004:2000

Kvaliteedijuhtimissüsteemid. Juhised toimivuse parendamiseks

Käesolev standard annab suuniseid, mis ulatuvad standardis ISO 9001 esitatud nõuetest kaugemale, et arvesse võtta kvaliteedijuhtimissüsteemi mõjusust ja tõhusust ning seega organisatsiooni toimivuse parenduspotentsiaali. Võrreldes ISO 9001-ga on kliendi rahulolu ja toote kvaliteedialaseid eesmärke avardatud, et hõlmata ka huvipoolte rahulolu ning organisatsiooni toimivust.

Keel et,en

Asendab EVS-EN ISO 9004-1:1996

Asendatud EVS-EN ISO 9004:2009

KAVANDITE ARVAMUSKÜSITLUS

prEN ISO 11354-1

Identne prEN ISO 11354-1:2009

ja identne ISO/DIS 11354-1:2009

Tähtaeg 1.03.2010

Advanced automation technologies and their applications - Part 1: Framework for enterprise interoperability

This part of ISO 11354 specifies - viewpoints for addressing stakeholder concerns for the operational levels of enterprises at which interoperability is required and - a framework for structuring these stakeholder concerns (business, process, services, data), the barriers relating to enterprise interoperability (conceptual, technology, organizational), the various kinds of solutions available and the approaches (integrated, unified, federated) to overcome barriers to interoperability. This part of ISO 11354 does not specify the specific mechanisms for the exchange of entities, nor the manner in which interoperability solutions are implemented.

Keel en

prEN ISO 12855

Identne prEN ISO 12855:2009

ja identne ISO/DIS 12855:2009

Tähtaeg 1.03.2010

Electronic fee collection - Information exchange between service provision and toll charging

The scope for the present standard covers: - EFC systems for vehicle related transport services, e.g. road user charging, parking and access control. The standard does not cover Electronic Fare Collection systems for Public Transport. It should be noted that an EFC system may include any electronic fee collection system, e.g. also systems automatically reading licence plate numbers of vehicles passing a charging point. - Exchange of information between Service Provision and Toll Charging between the Back End systems of EFC systems, e.g. - Charging Data - Administrative Data - Confirmation Data - Transfer mechanisms and supporting functions - Information objects, data syntax and semantics - Examples of data interchanges

Keel en

FprEN ISO/IEC 17050-1

Identne FprEN ISO/IEC 17050-1:2009

ja identne ISO/IEC 17050-1:2004

Tähtaeg 1.03.2010

Vastavushindamine. Tarnija vastavusavaldus. Osa 1: Üldnõuded

This part of ISO/IEC 17050 specifies general requirements for a supplier's declaration of conformity in cases where it is desirable, or necessary, that conformity of an object to the specified requirements be attested, irrespective of the sector involved. For the purposes of this part of ISO/IEC 17050, the object of a declaration of conformity can be a product, process, management system, person or body. This part of ISO/IEC 17050 does not define any particular object for the declaration of conformity. Instead of "supplier's declaration of conformity", the term "declaration of conformity" can be used when appropriate.

Keel en

Asendab FprEN ISO/IEC 17050-1

07 MATEMAATIKA. LOODUSTEADUSED

UUED STANDARDID JA PUBLIKATSIOONID

CEN ISO/TS 27687:2009

Hind 114,00

Identne CEN ISO/TS 27687:2009

ja identne ISO/TS 27687:2008

Nanotechnologies - Terminology and definitions for nano-objects - Nanoparticle, nanofibre and nanoplate

This Technical Specification lists unambiguous terms and definitions related to particles in the field of nanotechnologies. It is intended to facilitate communications between organizations and individuals in industry and those who interact with them.

Keel en

Asendab CEN ISO/TS 27687:2008

ASENDATUD VÕI TÜHISTATUD STANDARDID

CEN ISO/TS 27687:2008

Identne CEN ISO/TS 27687:2008

ja identne ISO/TS 27687:2008

Nanotechnologies - Terminology and definitions for nano-objects - Nanoparticle, nanofibre and nanoplate

This Technical Specification lists unambiguous terms and definitions related to particles in the field of nanotechnologies. It is intended to facilitate communications between organizations and individuals in industry and those who interact with them.

Keel en

Asendatud CEN ISO/TS 27687:2009

11 TERVISEHOOLDUS

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 455-2:2009

Hind 105,00

Identne EN 455-2:2009

Ühekordselt kasutatavad meditsiinilised kindad. Osa 2: Nõuded füüsilistele omadustele ja katsetamine

Käesolev osa standardist määrab nõuded ja katsemeetodid ühekordsete kindaste (st kirurgias kasutatavad ja ülevaatuse-/protseduurikindad) füüsilistele omadustele, eesmärgiga tagada kasutamisel piisav kaitse nii patsiendi kui ka kinda kasutaja vahelise riskumise eest. Standardis ei täpsustata partii suurust. Tähelepanu pööratakse raskustele, mis on seotud väga suurte partiide levitamise ja kontrollimisega. Suurim soovituslik tootmispartii suurus on 500 000.

Keel en

Asendab EVS-EN 455-2:2001

EVS-EN 1060-1:1995+A2:2009

Hind 114,00

Identne EN 1060-1:1995+A2:2009

Mitteinvasiivsed sfügmomanomeetrid. Osa 1: Üldnõuded KONSOLIDEERITUD TEKST

This Part of this European Standard specifies general requirements for non-invasive sphygmomanometers and their accessories which, by means of an inflatable cuff, are used for the non-invasive measurement of arterial blood pressure. It specifies performance, efficiency, mechanical and electrical safety requirements for these devices and gives test methods.

Keel en

Asendab EVS-EN 1060-1:1999; EVS-EN 1060-1:1999/A1:2002

EVS-EN 1060-2:1995+A1:2009

Hind 166,00

Identne EN 1060-2:1995+A1:2009

Mitteinvasiivsed sfügmomanomeetrid. Osa 2: Lisanõuded mehaanilistele sfügmomanomeetritele KONSOLIDEERITUD TEKST

This part of EN 1060, in conjunction with EN 1060-1:1995, specifies performance, efficiency and mechanical and electrical safety requirements, including test methods, for non-invasive mechanical sphygmomanometers and their accessories which, by means of an inflatable cuff, are used for the non-invasive measurement of arterial blood pressure.

Keel en

Asendab EVS-EN 1060-2:1999

EVS-EN 1060-3:1997+A2:2009

Identne EN 1060-3:1997+A2:2009

Mitteinvasiivsed sfügmomanomeetrid. Osa 3: Lisanõuded vererõhu mõõtmiseks ettenähtud elektromehaanilistele süsteemidele KONSOLIDEERITUD TEKST

This Part of EN 1060 specifies performance, efficiency and safety requirements for electro-mechanical blood pressure measuring systems that, by means of an inflatable cuff are used for non-invasive measurements of arterial blood pressure at the upper arm, the wrist and the thigh. It also specifies requirements for their accessories and gives test methods. This Part of EN 1060 applies to electro-mechanical blood pressure measuring systems in which the cuff pressure is measured electronically, but in which the blood pressure can be determined either manually with the aid of a stethoscope or automatically. Additional safety requirements for automatic cycling indirect blood pressure monitoring equipment are specified in EN 60601-2-30:1995. This Part of EN 1060 is to be used in conjunction with EN 1060-1.

Keel en

Asendab EVS-EN 1060-3:1999; EVS-EN 1060-3:1999/A1:2006

EVS-EN 1639:2009

Hind 135,00

Identne EN 1639:2009

Stomatoloogia. Meditsiinivahendid stomatoloogias. Instrumentid

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

Keel en

Asendab EVS-EN 1639:2004

EVS-EN 1640:2009

Hind 114,00

Identne EN 1640:2009

Stomatoloogia. Meditsiinivahendid stomatoloogias. Aparatuur

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

Keel en

Asendab EVS-EN 1640:2004

EVS-EN 1641:2009

Hind 114,00

Identne EN 1641:2009

Stomatoloogia. Meditsiinivahendid stomatoloogias. Materjalid

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

Keel en

Asendab EVS-EN 1641:2004

EVS-EN 1642:2009

Hind 114,00

Identne EN 1642:2009

Stomatoloogia. Meditsiinivahendid stomatoloogias. Hambaimplantaadid

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

Keel en

Asendab EVS-EN 1642:2004

EVS-EN 60601-2-20:2009

Hind 243,00

Identne EN 60601-2-20:2009

ja identne IEC 60601-2-20:2009

Elektrilised meditsiiniseadmed. Osa 2: Erinõuded transportimisinkubaatorite ohutusele

This International Standard applies to the BASIC SAFETY and ESSENTIAL PERFORMANCE of INFANT TRANSPORT INCUBATOR equipment, as defined in 201.3.211 of this standard, also 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 60601-2-20:2001

EVS-EN ISO 4049:2009

Hind 198,00

Identne EN ISO 4049:2009

ja identne ISO 4049:2009

Dentistry - Polymer-based restorative materials

This International Standard specifies requirements for dental polymer-based restorative materials supplied in a form suitable for mechanical mixing, hand-mixing, or intra-oral and extra-oral external energy activation, and intended for use primarily for the direct or indirect restoration of cavities in the teeth and for luting. The polymer-based luting materials covered by this International Standard are intended for use in the cementation or fixation of restorations and appliances such as inlays, onlays, veneers, crowns and bridges. This International Standard does not cover those polymer-based luting materials that have an adhesive component within the structure of the material. This International Standard does not cover materials intended to prevent caries (see ISO 6874) or those used for veneering metal sub-frames (see ISO 10477).

Keel en

Asendab EVS-EN ISO 4049:2000

EVS-EN ISO 7376:2009

Hind 198,00

Identne EN ISO 7376:2009

ja identne ISO 7376:2009

Anesteesia- ja hingamisseadmed. Larüngoskoobid trahhea intubeerimiseks

This International Standard gives general requirements for laryngoscopes used for intubation, and specifies critical dimensions for the handle and lamp of hook-on type laryngoscopes. It also addresses the interchangeability of blades and handles. It is applicable only to instruments with an internal battery-operated power source for illuminating the larynx, since electrical safety requirements can be more stringent for instruments connected to mains or external power packs. It is not applicable to surgical instruments known by the same generic name, nor is it applicable to - flexible laryngoscopes or laryngoscopes designed for surgery, - laryngoscopes powered from mains electricity supply, - laryngoscopes connected by light-transmitting cables to external light sources, or - video laryngoscopes designed to work with an external video system.

Keel en

Asendab EVS-EN ISO 7376:2004

EVS-EN ISO 8612:2009

Hind 145,00

Identne EN ISO 8612:2009

ja identne ISO 8612:2009

Ophthalmic instruments - Tonometers

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

Keel en

Asendab EVS-EN ISO 8612:2001

EVS-EN ISO 10993-7:2008/AC:2009

Hind 0,00

Identne EN ISO 10993-7:2008/AC:2009

Meditsiiniseadmete bioloogiline hindamine. Osa 7: Jäägid etüleenoksiidiga steriliseerimisest

Keel en

EVS-EN ISO 11980:2009

Hind 198,00

Identne EN ISO 11980:2009

ja identne ISO 11980:2009

Oftalmiline optika. Kontaktläätsed ja kontaktläätsede hooldusvahendid. Juhised kliinilisteks uuringuteks

This International Standard gives guidelines for the clinical investigation (CI) of the safety and performance of contact lenses and contact lens care products.

Keel en

Asendab EVS-EN ISO 11980:1999

EVS-EN ISO 14937:2009

Hind 229,00

Identne EN ISO 14937:2009

ja identne ISO 14937:2009

Tervishoiutoodete steriliseerimine. Üldnõuded steriliseerimisaine iseloomustusele ja meditsiiniseadmete steriliseerimisprotsessi väljatöötamisele, valideerimisele ja tavakontrollile

This International Standard specifies general requirements for the characterization of a sterilizing agent and for the development, validation and routine monitoring and control of a sterilization process for medical devices.

Keel en

Asendab EVS-EN ISO 14937:2001

EVS-EN ISO 21969:2009

Hind 145,00

Identne EN ISO 21969:2009

ja identne ISO 21969:2009

Paindliitmikud kõrgsurve meditsiinigaasi süsteemidele

This International Standard applies to high-pressure flexible connections intended to be connected to cylinders or cylinder bundles with nominal filling pressures up to 25 000 kPa at 15 °C for use with the following medical gases: - oxygen; - nitrous oxide; - air for breathing; - helium; - carbon dioxide; - xenon; - mixtures of the gases listed above; - air for driving surgical tools; - nitrogen for driving surgical tools; - oxygen-enriched air.

Keel en

Asendab EVS-EN ISO 21969:2006

EVS-EN ISO 21987:2009

Hind 166,00

Identne EN ISO 21987:2009

ja identne ISO 21987:2009

Oftalmiline optika. Paigaldatud prilliklaasid

This International Standard specifies requirements for mounted spectacle lenses relative to the prescription order.

Keel en

EVS-EN ISO 26782:2009/AC:2009

Hind 0,00

Identne EN ISO 26782:2009/AC:2009

ja identne ISO 26782:2009/Cor 1:2009

Anesteesia- ja hingamisseadmed. Spiromeetrid forsseeritud ekspiraatorsete mahtude mõõtmiseks inimestel

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 455-2:2001**

Identne EN 455-2:2000

Ühekordselt kasutatavad meditsiinilised kindad. Osa 2: Nõuded füüsikalistele omadustele ja katsetamine

Standardi käesolev osa esitab nõuded ja annab testimismeetodid ühekordselt kasutatavate meditsiiniliste kinnaste (s.t. kirurgikinnaste ja läbivaatuse/protseduuride läbiviimiseks mõeldud kinnaste) füüsikalistele omadustele, tagamaks, et nad kasutamisel loovad ja säilitavad nii patsiendile kui kasutajale küllaldase kaitsetaseme riskinõuetumise eest.

Keel en

Asendab EVS-EN 455-2:1999

Asendatud EVS-EN 455-2:2009

EVS-EN 1060-2:1999

Identne EN 1060-2:1995 + AC:2002

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

Asendatud EVS-EN 1060-2:1995+A1:2009

EVS-EN 1060-3:1999

Identne EN 1060-3:1997

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

Asendatud EVS-EN 1060-3:1997+A2:2009

EVS-EN 1060-1:1999/A1:2002

Identne EN 1060-1:1995/A1:2002

Mitteinvasiivsed sfügmomanomeetrid. Osa 1: Üldnõuded

Standardi käesolev osa esitab üldnõuded mitteinvasiivsetele sfügmomanomeetritele ning nende lisaseadmetele, mida kasutatakse mitteinvasiivseks arteriaalse vererõhu mõõtmiseks täispuhutava manseti abil. Standard esitab funktsioneerimise, jõudluse, mehaanilise ja elektrilise ohutuse nõuded neile seadmetele ning annab testimismeetodid.

Keel en

Asendatud EVS-EN 1060-1:1995+A2:2009

EVS-EN 1060-1:1999

Identne EN 1060-1:1995

Mitteinvasiivsed sfügmomanomeetrid. Osa 1: Üldnõuded

Standardi käesolev osa esitab üldnõuded mitteinvasiivsetele sfügmomanomeetritele ning nende lisaseadmetele, mida kasutatakse mitteinvasiivseks arteriaalse vererõhu mõõtmiseks täispuhutava manseti abil. Standard esitab funktsioneerimise, jõudluse, mehaanilise ja elektrilise ohutuse nõuded neile seadmetele ning annab testimismeetodid.

Keel en

Asendatud EVS-EN 1060-1:1995+A2:2009

EVS-EN 1060-3:1999/A1:2006

Identne EN 1060-3:1997/A1:2005

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

Asendatud EVS-EN 1060-3:1997+A2:2009

EVS-EN 1276:2000

Identne EN 1276:1997

Keemilised desinfektsioonivahendid ja antiseptikumid. Toiduainetes, tööstuses, kodumajapidamises ja ametkondlikel aladel kasutatavate keemiliselt desinfitseerivate ja antiseptiliste ainete bakteritsiidse aktiivsuse hindamine kvantitatiivse suspensioonkatsega. Katsemeetod ja nõuded (faas 2, aste 1)

Käesolev Euroopa standard määrab kindlaks teimimismeetodi (faas 2 / aste 1) ja esitab miinimumnõuded nende keemiliselt desinfitseerivate ja antiseptiliste ainete bakteritsiidse aktiivsuse kohta, mis moodustavad karedas vees homogeense ja füüsikaliselt stabiilse eeltöödeldud keskkonna. Neid aineid kasutatakse toiduainetes, tööstuses, kodumajapidamises ja ametkondlikel aladel, välja arvatud sellised kasutusala olukorrad, kus desinfektsioon on meditsiiniliselt nõutav, ning samuti eluskudedes kasutatavad ained peale nimetatud aladel kasutatavate tarbehügieenitoodete.

Keel en

Asendatud EVS-EN 1276:2009

EVS-EN 1639:2004

Identne EN 1639:2004

Stomatoloogia. Meditsiinivahendid stomatoloogias. Instrumendid

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

Keel en

Asendab EVS-EN 1639:1999

Asendatud EVS-EN 1639:2009

EVS-EN 1640:2004

Identne EN 1640:2004

Stomatoloogia. Meditsiinivahendid stomatoloogias. Aparatuur

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

Keel en

Asendab EVS-EN 1640:1999

Asendatud EVS-EN 1640:2009

EVS-EN 1641:2004

Identne EN 1641:2004

Stomatoloogia. Meditsiinivahendid stomatoloogias. Materjalid

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

Keel en

Asendab EVS-EN 1641:1999

Asendatud EVS-EN 1641:2009

EVS-EN 1642:2004

Identne EN 1642:2004

Stomatoloogia. Meditsiinivahendid stomatoloogias. Hambaimplantaadid

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

Keel en

Asendab EVS-EN 1642:1999

Asendatud EVS-EN 1642:2009

EVS-EN ISO 4049:2000

Identne EN ISO 4049:2000

ja identne ISO 4049:2000

Dentistry - Polymer-based filling, restorative and luting materials

Standard esitab nõuded vaigul põhinevatele taastusmaterjalidele, mis on hangitud kujul, mis on sobiv mehaaniliseks kokkusegamiseks, käsitsi segamiseks või välise energia rakendamisel ning mis on mõeldud kasutamiseks eelkõige III, IV ja V klassi kaviteetide vahetel parandamisel, s.t. klassi B materjalidele (vt. jaotis 3).

Keel en

Asendab EVS-EN 24049:1999

Asendatud EVS-EN ISO 4049:2009

EVS-EN ISO 7376:2004

Identne EN ISO 7376:2003

ja identne ISO 7376:2003

Anesteesia- ja respiratoorseadmed. Larüngoskoobid trahhea intubeerimiseks

This International Standard specifies general requirements for laryngoscopes and critical dimensions for the handle and lamp of hook-on type laryngoscopes.

Keel en

Asendab EVS-EN 1819:1999

Asendatud EVS-EN ISO 7376:2009

EVS-EN ISO 8612:2001

Identne EN ISO 8612:2001

ja identne ISO 8612:2001

Ophthalmic instruments - Tonometers

This Standard, together with ISO 15004, specifies minimum requirements and the design compliance procedure for tonometers intended for routine clinical use in the estimation of intraocular pressure (IOP).

Keel en

Asendatud EVS-EN ISO 8612:2009

EVS-EN ISO 11980:1999

Identne EN ISO 11980:1997

ja identne ISO 11980:1997

Oftalmiline optika. Kontaktläätsed ja kontaktläätsede hooldusvahendid. Juhised kliinilisteks uuringuteks

Käesolev rahvusvaheline standard sätestab juhendi kontaktläätsede ja nende hooldusvahendite ohutuse ja tööomaduste kliiniliseks uurimiseks.

Keel en

Asendatud EVS-EN ISO 11980:2009

EVS-EN ISO 14937:2001

Identne EN ISO 14937:2000 + AC:2003 + AC:2005

ja identne ISO 14937:2000

Tervishoiutoodete steriliseerimine. Üldnõuded steriliseerimisaine iseloomustusele ja meditsiiniseadmete steriliseerimisprotsessi väljatöötamisele, valideerimisele ja tavakontrollile

This International Standard specifies general requirements for the characterization of a sterilizing agent, and for the development, validation and routine of a sterilization process for medical devices.

Keel en

Asendatud EVS-EN ISO 14937:2009

EVS-EN ISO 21969:2006

Identne EN ISO 21969:2006

ja identne ISO 21969:2005

Paindliitmikud kõrgsurve meditsiinigaasi süsteemidele

This International Standard applies to high-pressure flexible connections intended to be connected to cylinders or cylinder bundles with nominal filling pressures up to 25 000 kPa at 15 °C for use with the following medical gases: - oxygen; - nitrous oxide; - air for breathing;

Keel en

Asendatud EVS-EN ISO 21969:2009

KAVANDITE ARVAMUSKÜSITLUS**EN 1789:2008/FprA1**

Identne EN 1789:2007/FprA1:2009

Tähtaeg 1.03.2010

Meditsiiniasutustes kasutatavad liiklusvahendid ja nende varustus. Kiirabiautod

This European Standard specifies requirements for the design, testing, performance and equipping of road ambulances used for the transport and care of patients. It contains requirements for the patient's compartment. This European Standard does not cover the requirements for approval and registration of the vehicle and the training of the staff which is the responsibility of the authority/authorities in the country where the ambulance is to be registered. This European Standard is applicable to road ambulances capable of transporting at least one person on a stretcher. Requirements are specified for categories of road ambulances based in increasing order of the level of treatment that can be carried out. These are the patient transport ambulance (types A1 A2), the emergency ambulance (type B) and the mobile intensive care unit (type C). This European Standard gives general requirements for medical devices carried in road ambulances and used therein and outside hospitals and clinics in situations where the ambient conditions can differ from normal indoor conditions.

Keel en

FprEN 14139

Identne FprEN 14139:2009

Tähtaeg 1.03.2010

Ophthalmic optics - Specifications for ready-to-wear spectacles

This European Standard specifies the minimum requirements for complete ready-to-wear spectacles. These are not intended for regular use without the approval of an eye-care professional.

Keel en

Asendab EVS-EN 14139:2002; EVS-EN 14139:2002/AC:2006

prEN 13727

Identne prEN 13727:2009

Tähtaeg 1.03.2010

Keemilised desinfektsioonivahendid ja antiseptikumid. Kvantitatiivne suspensioontest meditsiini valdkonnas kasutatava desinfektandi bakteritsiidse toime määramiseks. Katsemeetod ja nõuded (2.faaas, 1.etapp)

This European Standard specifies a test method and the minimum requirements for bactericidal activity of chemical disinfectant products that form a homogeneous, physically stable preparation when diluted with hard water - or in the case of ready-to-use products - with water. Products can only be tested at a concentration of 80 % or less as some dilution is always produced by adding the test organisms and interfering substance

Keel en

Asendab EVS-EN 13727:2004

prEN ISO 3107

Identne prEN ISO 3107:2009

ja identne ISO/DIS 3107:2009

Tähtaeg 1.03.2010

Dentistry - Zinc oxide/eugenol and zinc oxide/non-eugenol cements

This International Standard covers non-water-based zinc oxide/eugenol cements suitable for use in restorative dentistry for temporary cementation, for bases and as temporary restorations. This International Standard also covers non-eugenol cements containing zinc oxide and aromatic oils suitable for temporary cementation.

Keel en

Asendab EVS-EN ISO 3107:2004

prEN ISO 8598-1

Identne prEN ISO 8598-1:2009

ja identne ISO/DIS 8598-1:2009

Tähtaeg 1.03.2010

Optics and optical instruments - Focimeters - Part 1: General purpose instruments

General purpose focimeters are intended for measurement of contact lenses, single-vision, multifocal and progressive-power spectacle lenses, both uncut and mounted in spectacle frames, and for the orientation and marking of spectacle lenses. This International Standard applies to instruments typically intended for use by the ophthalmic community, with the capability to demonstrate conformity of lens products with the International Standards existing for these lenses. This part of ISO 8598 specifies requirements and test methods for general purpose focimeters designed for the measurement of vertex powers, cylinder axis, prismatic power and prism base setting at a specified point of a lens within the area defined by the size of the focimeter aperture. This excludes instruments that can only measure the whole lens at once.

Keel en

Asendab EVS-EN ISO 8598:1999

prEN ISO 23640

Identne prEN ISO 23640:2009

ja identne ISO/DIS 23640:2009

Tähtaeg 1.03.2010

In vitro diagnostic medical devices - Stability testing of in vitro diagnostic reagents

This International Standard is applicable to the stability testing of in vitro diagnostic medical devices, including reagents, calibrators, control materials, diluents, buffers and reagent kits., hereinafter called IVD reagents. It can also be applied to specimen collection devices that contain substances used to preserve specimens or to initiate reactions for further processing of the specimen in the collection device. It specifies general requirements for stability testing and gives specific requirements for real-time testing and accelerated testing when generating data in the

Keel en

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS**UUED STANDARDID JA PUBLIKATSIOONID****CEN ISO/TR 15462:2009**

Hind 178,00

Identne CEN ISO/TR 15462:2009

ja identne ISO/TR 15462:2006

Water quality - Selection of tests for biodegradability

This Technical Report gives an overview of biodegradation tests for the aquatic environment standardized by ISO and provides recommendations on their use. In Annex A, the biodegradation guidelines for the aquatic medium of the OECD are included, because these methods are sometimes identical to ISO standards or are useful supplements. In addition, inhibitory tests with bacteria and mixed bacterial inocula are included in this Technical Report because a possible toxicity on the inoculum is important information for the choice and performance of biodegradation tests. It is very helpful to determine bacteria toxicity in advance using the same inoculum as the planned biodegradation test before starting biodegradation testing.

Keel en

CEN ISO/TS 21268-1:2009

Hind 155,00

Identne CEN ISO/TS 21268-1:2009

ja identne ISO/TS 21268-1:2007

Soil quality - Leaching procedures for subsequent chemical and ecotoxicological testing of soil and soil materials - Part 1: Batch test using a liquid to solid ratio of 2 l/kg dry matter

This part of ISO/TS 21268 specifies a test providing information on leaching of soil and soil materials under the experimental conditions specified hereafter, and particularly at a liquid to solid ratio of 2 l/kg dry matter. It applies to soil and soil material with a particle size less than or equal to 4 mm. This part of ISO/TS 21268 has been developed to measure the release of inorganic and organic constituents from soil and soil material and the ecotoxicological effects of eluates with respect to microorganisms, fauna and flora. The test is not suitable for constituents that are volatile under ambient conditions. For ecotoxicological testing, see ISO 15799.

Keel en

CEN ISO/TS 21268-2:2009

Hind 155,00

Identne CEN ISO/TS 21268-2:2009

ja identne ISO/TS 21268-2:2007

Soil quality - Leaching procedures for subsequent chemical and ecotoxicological testing of soil and soil materials - Part 2: Batch test using a liquid to solid ratio of 10 l/kg dry matter

This part of ISO/TS 21268 specifies a test providing information on leaching of soil and soil materials under the experimental conditions specified hereafter, and particularly at a liquid to solid ratio of 10 l/kg dry matter. It applies to soil and soil material with a particle size less than or equal to 4 mm. This part of ISO/TS 21268 has been developed to measure the release of inorganic and organic constituents from soil and soil material and the ecotoxicological effects of eluates with respect to microorganisms, fauna and flora. The test is not suitable for constituents that are volatile under ambient conditions. For ecotoxicological testing, see ISO 15799.

Keel en

CEN ISO/TS 21268-3:2009

Hind 166,00

Identne CEN ISO/TS 21268-3:2009

ja identne ISO/TS 21268-3:2007

Soil quality - Leaching procedures for subsequent chemical and ecotoxicological testing of soil and soil materials - Part 3: Up-flow percolation test

This part of ISO/TS 21268 specifies a test, which is aimed at determining the leaching behaviour of inorganic and organic constituents from a soil and soil material. The method is a once-through percolation test with water (0,001 mol/l CaCl₂) under standardized conditions of flow rate. The material is leached under dynamic hydraulic conditions. The eluates obtained can be used to determine the ecological properties of the soil with respect to micro-organisms, flora and fauna. The test results enable the distinction between different release patterns, for instance wash-out and release under the influence of interaction with the matrix, when approaching local equilibrium between material and leachant. This test method produces eluates, which can subsequently be characterised by physical, chemical and ecotoxicological methods in accordance with existing standard methods. The results of eluate analysis are presented as a function of the liquid/solid ratio. The test is not suitable for species that are volatile under ambient conditions.

Keel en

CEN ISO/TS 21268-4:2009

Hind 188,00

Identne CEN ISO/TS 21268-4:2009

ja identne ISO/TS 21268-4:2007

Soil quality - Leaching procedures for subsequent chemical and ecotoxicological testing of soil and soil materials - Part 4: Influence of pH on leaching with initial acid/base addition

This part of ISO/TS 21268 specifies a test method to obtain information on the short- and long-term leaching behaviour and characteristic properties of materials. It applies to the determination of the influence of pH on the leachability of inorganic and organic constituents from soil and soil material, and the ecotoxicological effects of eluates with respect to microorganisms, fauna and flora. The test is not suitable for constituents that are volatile under ambient conditions. The equilibrium condition, as defined in this part of ISO/TS 21268, is established by the addition of predetermined amounts of acid or base to reach desired final pH values. The test procedure specified in this part of ISO/TS 21268 produces eluates that are subsequently characterized by physical, chemical and ecotoxicological standard methods. For the purposes of ecotoxicological tests, the relevant pH range (see 9.2) will usually be pH 5 to 9.

Keel en

CEN/TR 15822:2009

Hind 135,00

Identne CEN/TR 15822:2009

Plastics - Biodegradable plastics in or on soil - Recovery, disposal and related environmental issues

This Technical Report is intended to summarise the current state of knowledge and experience in the field of biodegradable plastics which are used on soil or end up in soil. It also addresses the links between use, disposal after use, degradation mechanisms and the environment. Therefore, this document is intended to provide a basis for the development of future standards. Its aim is to clarify the ideas and ensure a level playing field, without hiding possible needs for further research or areas of disagreement among experts.

Keel en

CEN/TS 15366:2009

Hind 155,00

Identne CEN/TS 15366:2009

Winter and road service area maintenance equipment - Solid absorbents intended for road usage

This Technical Specification is a product specification standard. It applies to bulk spreadable products for absorbing hydrocarbons, mineral oils and similar liquids from road surfaces or traffic areas. Each country may add usage regulations.

Keel en

EVS-EN 343:2003+A1:2007/AC:2009

Hind 0,00

Identne EN 343:2003+A1:2007/AC:2009

Kaitserõivad. Kaitse vihma eest

Keel en

EVS-EN 13094:2008/AC:2009

Hind 0,00

Identne EN 13094:2008/AC:2009

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

Keel en

EVS-EN 15080-8:2009

Hind 229,00

Identne EN 15080-8:2009

Extended application of results from fire resistance tests - Part 8: Beams

This part of EN 15080 identifies the parameters and factors that affect the fire resistance of beams and need to be taken into account when considering extended application of results of beams tested in accordance with EN 1365-3. It also gives the methodology to be used when preparing an extended application, including rules and calculation methods which can be applied to establish the resultant influence of a variation in one or more parameters and to determine the field of extended application.

Keel en

EVS-EN 15182-1:2007+A1:2009

Hind 198,00

Identne EN 15182-1:2007+A1:2009

Hand-held branchpipes for fire service use - Part 1: Common requirements KONSOLIDEERITUD TEKST

This part of this European Standard applies to hand-held branchpipes. It deals with: - safety requirements; - performance requirements; - test methods; - classification and designation; - instructions for use and maintenance; - marking. This standard should be read in conjunction with parts 2, 3 or 4. This standard does not apply to branchpipes covered by EN 671, foam branchpipes, powder branchpipes, or branchpipes with a maximum working pressure above 40 bar.

Keel en

Asendab EVS-EN 15182-1:2007

EVS-EN 15182-2:2007+A1:2009

Hind 114,00

Identne EN 15182-2:2007+A1:2009

Hand-held branchpipes for fire service use - Part 2: Combination branchpipes PN 16 KONSOLIDEERITUD TEKST

In addition to the requirements given in EN 15182-1, this Part of this European Standard applies to hand-held combination branchpipes (nozzles) PN 16 with a maximum flow rate of 1 000 l/min at a reference pressure of 6 bar (0,6 MPa). It deals with: - safety requirements; - performance requirements; - test methods; - classification and designation; - operating instructions; - marking and maintenance. This part of this European Standard applies to branchpipes as defined in Annex A of EN 15182-1:2007.

Keel en

Asendab EVS-EN 15182-2:2007

EVS-EN 15182-3:2007+A1:2009

Hind 92,00

Identne EN 15182-3:2007+A1:2009

Hand-held branchpipes for fire service use - Part 3: Smooth bore jet and/or one fixed spray jet angle branchpipes PN 16 KONSOLIDEERITUD TEKST

In addition to the requirements given in EN 15182-1, this part of this European Standard applies to hand-held branchpipes with smooth bore jet and/or one fixed spray jet angle branchpipes PN 16, with a maximum flow rate of 1 000 l/min at a reference pressure of 6 bar (0,6 MPa). It deals with: - safety requirements; - performance requirements; - test methods; - classification and designation; - information for use; - marking and maintenance. This part of this European Standard applies to branchpipes as defined in Annex A of EN 15182-1:2007.

Keel en

Asendab EVS-EN 15182-3:2007

EVS-EN 15182-4:2007+A1:2009

Hind 114,00

Identne EN 15182-4:2007+A1:2009

Hand-held branchpipes for fire service use - Part 4: High pressure branchpipes PN 40 KONSOLIDEERITUD TEKST

In addition to the requirements given in EN 15182-1, this document applies to hand-held high pressure branchpipes (nozzles) PN 40 with a maximum flow rate of 200 l/min at a reference pressure of 6 bar (0,6 MPa). It deals with: - safety requirements; - performance requirements; - test methods; - classification and designation; - operating instructions; - marking and maintenance. This part of this European Standard applies to branchpipes as defined in Annex A of EN 15182-1:2007.

Keel en

Asendab EVS-EN 15182-4:2007

EVS-EN 15254-5:2009

Hind 155,00

Identne EN 15254-5:2009

Extended application of results from fire resistance tests - Non-loadbearing walls - Part 5: Metal sandwich panel construction

This part of EN 15254 defines rules for extended applications, provides guidance, and, where appropriate, defines procedures, for variations of certain parameters and factors associated with the design of internal and external non-loadbearing walls constructed of metal sandwich panels and that have been tested in accordance with EN 1364-1. EN 15254-5 applies for self-supporting, double skin metal faced sandwich panels having an insulating core bonded to both facings as defined in EN 14509.

Keel en

EVS-EN 15269-7:2009

Hind 295,00

Identne EN 15269-7:2009

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 7: Fire resistance for steel sliding doorsets

This European Standard, which should be read in conjunction with prEN 15269-1, covers the following types of steel based doorsets: horizontally sliding doorsets (single and double), telescopic doorsets (single and double) and single vertically sliding 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

EVS-EN 15597-1:2009

Hind 155,00

Identne EN 15597-1:2009

Winter maintenance equipment - Spreading machines (gritting machines) - Part 1: General requirements and definitions for spreading machines

Demands on design and construction of bulk spreaders, trailer spreaders and towed spreaders with speed related spreading for winter service are determined by this document. At the same time, information is given on the minimum content required for operating manuals. The standard is valid for machines which are used to spread the following media: a) spreading agents with or without pre-wetted agent; b) abrasive spreading agents; c) brine. The following points are not covered by this standard: - requirements for registration and approval; - requirements made by automobile manufacturers; - requirements on safety – these are dealt with in EN 13021.

Keel en

EVS-EN ISO 15011-1:2009

Hind 166,00

Identne EN ISO 15011-1:2009

ja identne ISO 15011-1:2009

Health and safety in welding and allied processes - Laboratory method for sampling fume and gases - Part 1: Determination of fume emission during arc welding and collection of fume for analysis

This part of ISO 15011 defines a laboratory method for measuring the emission rate of fume from arc welding. It also defines a method of collecting the fume for subsequent analysis and refers to suitable analytical techniques. The methods described are suitable for use with all open arc welding processes except tungsten inert gas (TIG) welding, which produces little fume. The emission rate method can be used to evaluate the effects of welding electrodes and wires, welding parameters, processes, shielding gases, test piece composition and test piece surface condition on fume emission rate. Following analysis of the fume collected, the effects of test parameters on fume composition can also be determined.

Keel en

Asendab EVS-EN ISO 15011-1:2002

EVS-EN ISO 15011-2:2009

Hind 166,00

Identne EN ISO 15011-2:2009

ja identne ISO 15011-2:2009

Health and safety in welding and allied processes - Laboratory method for sampling fume and gases - Part 2: Determination of the emission rates of carbon monoxide (CO), carbon dioxide (CO₂), nitrogen monoxide (NO) and nitrogen dioxide (NO₂) during arc welding, cutting and gouging

This part of ISO 15011 defines laboratory methods for measuring the emission rates of carbon monoxide (CO), carbon dioxide (CO₂), nitrogen monoxide (NO) and nitrogen dioxide (NO₂) generated during arc welding, cutting and gouging, using a hood technique. The methodology is suitable for use with all open arc welding processes, cutting and gouging but different designs of hood are used depending on the process and whether or not it can be conducted automatically. The method can be used to evaluate the effects of welding wires, welding parameters, processes, shielding gases, test piece composition and test piece surface condition on emission rate.

Keel en

Asendab EVS-EN ISO 15011-2:2003

EVS-EN ISO 15011-3:2009

Hind 145,00

Identne EN ISO 15011-3:2009

ja identne ISO 15011-3:2009

Health and safety in welding and allied processes - Laboratory method for sampling fume and gases - Part 3: Determination of ozone emission rate during arc welding

This part of ISO 15011 defines a laboratory method for measuring the emission rate of ozone during arc welding, using a hood technique. The method is directed primarily at measuring ozone emission rate when using gas-shielded arc welding processes, but it can also be employed with other processes, e.g. self-shielded flux-cored arc welding, provided that welding can be performed automatically under the hood. The method can be used to evaluate the effects of welding wires, welding parameters, processes, shielding gases, test piece composition and test piece surface condition on emission rate.

Keel en

Asendab EVS-EN ISO 15011-3:2003

EVS 18002:2009

Hind 295,00

Identne OHSAS 18002:2008

Töötervishoiu ja tööohutuse juhtimissüsteemid. EVS 18001:2007 rakendusjuhised

Käesolev töötervishoiu ja tööohutuse hindamise sarja standard sätestab juhised EVS 18001:2007 (OHSAS 18001:2007) rakendamise kohta.

Juhised selgitavad standardi EVS 18001:2007 aluseks olevaid põhimõtteid ja kirjeldavad standardi iga nõude juures selle eesmärgi, tüüpilisi sisendeid, protsesse ja tüüpilisi väljundeid. Eesmärgiks on aidata standardit EVS 18001:2007 mõista ja rakendada.

Standard EVS 18002 ei loo lisanõudeid standardis EVS 18001 sätestatutele ega kirjelda selle rakendamise kohustuslikku lähenemisviisi.

Keel et

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 455-2:2001

Identne EN 455-2:2000

Ühekordselt kasutatavad meditsiinilised kindad. Osa 2: Nõuded füüsikalistele omadustele ja katsetamine

Standardi käesolev osa esitab nõuded ja annab testimismeetodid ühekordselt kasutatavate meditsiiniliste kinnaste (s.t. kirurgikinnaste ja läbivaatuse/protseduuride läbiviimiseks mõeldud kinnaste) füüsikalistele omadustele, tagamaks, et nad kasutamisel loovad ja säilitavad nii patsiendile kui kasutajale küllaldase kaitsetaseme ristnakatumise eest.

Keel en

Asendab EVS-EN 455-2:1999

Asendatud EVS-EN 455-2:2009

EVS-EN 15182-1:2007

Identne EN 15182-1:2007

Hand-held branchpipes for fire service use - Part 1: Common requirements

This part of this European Standard applies to hand-held branchpipes. It deals with: - performance requirements; - test methods;- classification and designation; - instructions for use and maintenance; - marking.

Keel en

Asendatud EVS-EN 15182-1:2007+A1:2009

EVS-EN 15182-2:2007

Identne EN 15182-2:2007

Hand-held branchpipes for fire service use - Part 2: Combination branchpipes PN 16

In addition to the requirements given in EN 15182-1, this Part of this European Standard applies to hand-held combination branchpipes (nozzles) PN 16 with a maximum flow rate of 1 000 l/min at a reference pressure of 6 bar (0,6 MPa). It deals with: - safety requirements; - performance requirements; - test methods; - classification and designation; - operating instructions; - marking and maintenance. This part of this European Standard applies to branchpipes as defined in Annex A of EN 15182-1:2007

Keel en

Asendatud EVS-EN 15182-2:2007+A1:2009

EVS-EN 15182-3:2007

Identne EN 15182-3:2007

Hand-held branchpipes for fire service use - Part 3: Smooth bore jet and/or one fixed spray jet angle branchpipes PN 16

In addition to the requirements given in EN 15182-1, this part of this European Standard applies to hand-held branchpipes with smooth bore jet and/or one fixed spray jet angle branchpipes PN 16, with a maximum flow rate of 1 000 l/min at a reference pressure of 6 bar (0,6 MPa). It deals with: - safety requirements; - performance requirements; - test methods; - classification and designation; - information for use; - marking and maintenance. This part of this European Standard applies to branchpipes as defined in Annex A of EN 15182-1:2007.

Keel en

Asendatud EVS-EN 15182-3:2007+A1:2009

EVS-EN 15182-4:2007

Identne EN 15182-4:2007

Hand-held branchpipes for fire service use - Part 4: High pressure branchpipes PN 40

In addition to the requirements given in EN 15182-1, this document applies to hand-held high pressure branchpipes (nozzles) PN 40 with a maximum flow rate of 200 l/min at a reference pressure of 6 bar (0,6MPa). It deals with: - safety requirements; - performance requirements; - test methods; - classification and designation; - operating instructions; - marking and maintenance. This part of this European Standard applies to branchpipes as defined in Annex A of EN 15182-1:2007.

Keel en

Asendatud EVS-EN 15182-4:2007+A1:2009

EVS-EN ISO 15011-2:2003

Identne EN ISO 15011-2:2003

ja identne ISO 15011-2:2003

Health and safety in welding and allied processes - Laboratory method for sampling fume and gases generated by arc welding - Part 2: Determination of emission rates of gases, except ozone

This standard provides guidance on the determination of emission rates of gases generated by arc welding using a fume box technique. It describes the test principle, gives a possible fume box arrangement and considers methods for sampling and analysis

Keel en

Asendatud EVS-EN ISO 15011-2:2009

EVS-EN ISO 15011-1:2002

Identne EN ISO 15011-1:2002
ja identne ISO 15011-1:2002

Health and safety in welding and allied processes - Laboratory method for sampling fume and gases generated by arc welding - Part 1: Determination of emission rate and sampling for analysis of particulate fume

This European standard describes a method for the determination of the particulate fume emission rate from arc welding processes using a fume box technique. It defines a method of sampling particulate fume for chemical analysis and suggests possible analytical techniques in order to characterize fumes emitted by consumable during welding.

Keel en

Asendatud EVS-EN ISO 15011-1:2009

KAVANDITE ARVAMUSKÜSITLUS

EN ISO 14021:2002/prA1

Identne EN ISO 14021:2001/prA1:2009
ja identne ISO 14021:1999/DAM 1:2009
Tähtaeg 1.03.2010

Keskkonnamärgised- ja teatiseid. Isedeklareeritavad keskkonnaväited (II tüüpi keskkonnamärgistamine)

Käesolev rahvusvaheline standard määrab kindlaks toodete puhul keskkonnaväidete, sh seletuste, sümbolite ja graafika nõuded. Lisaks kirjeldab standard keskkonnaväidetes üldiselt kasutatavaid mõisteid ja määratleb nende kasutuse. Samuti kirjeldab käesolev rahvusvaheline standard isedeklareeritavate keskkonnaväidete üldist hindamis- ja tõendamismetoodikat ning käesoleva standardi valitud väidete eri hindamis- ja tõendamismeetodeid. Käesolev rahvusvaheline standard ei välista, asenda ega muuda mingil viisil seadusjärgselt nõutavat keskkonnateavet, - nõudeid või -märgistamist või mis tahes muid kohaldatavaid õiguslikke nõudeid.

Keel en

FprEN 894-4

Identne FprEN 894-4:2009
Tähtaeg 1.03.2010

Masinaohutus. Kuvarite ja juhtseadiste konstruktsiooni ergonoomianõuded. Osa 4: Kuva- ja juhtseadiste paigutus ja järjestus

This European Standard contains ergonomic requirements for the location and arrangement of displays and control actuators in order to avoid hazards associated with their use. This European Standard applies to displays and control actuators for machinery and other interactive equipment (e.g. devices and installations, instrument panels, control and monitoring consoles). This European Standard is not applicable to the location and arrangement of displays and control actuators which are manufactured before the date of its publication as EN.

Keel en

FprHD 60364-5-52/FprAA

Identne FprHD 60364-5-52:2009/FprAA:2009
Tähtaeg 1.03.2010

Low-voltage electrical installations - Part 5-52: Selection and erection of electrical equipment - Wiring systems

Part 5-52 of IEC 60364 deals with the selection and erection of wiring systems.

Keel en

FprEN ISO 14050

Identne FprEN ISO 14050:2009
ja identne ISO 14050:2009
Tähtaeg 1.03.2010

Environmental management - Vocabulary

This International Standard defines terms of fundamental concepts related to environmental management, published in the ISO 14000 series of International Standards.

Keel en

FprEN ISO 14063

Identne FprEN ISO 14063:2009
ja identne ISO 14063:2006
Tähtaeg 1.03.2010

Environmental management - Environmental communication - Guidelines and examples

This International Standard gives guidance to an organization on general principles, policy, strategy and activities relating to both internal and external environmental communication. It utilizes proven and well-established approaches for communication, adapted to the specific conditions that exist in environmental communication. It is applicable to all organizations regardless of their size, type, location, structure, activities, products and services, and whether or not they have an environmental management system in place. This International Standard is not intended for use as a specification standard for certification or registration purposes or for the establishment of any other environmental management system conformity requirements. It can be used in combination with any of the ISO 14000 series of standards, or on its own.

Keel en

prEN 13922

Identne EN 13922:2003
Tähtaeg 1.03.2010

Tanks for transport of dangerous goods - Service equipment for tanks - Overfill prevention systems for liquid fuels

This European Standard specifies the following points regarding the minimum requirements for an overfill prevention system: - functions; - major components; - characteristics; - test methods. This European Standard is applicable to overfill prevention systems for liquid fuels having a flash point up to but not exceeding 100 °C, excluding liquefied petroleum gas (LPG). The requirements apply to overfill prevention systems suitable for use at ambient temperatures in the range from -20 °C to +50 °C, subjected to normal operational pressure variations.

Keel en

Asendab EVS-EN 13922:2003

prEN 16020

Identne prEN 16020:2009

Tähtaeg 1.03.2010

Explosion diverters

This standard specifies the basic design of a pipe-in-pipe diverter and the testing requirements and the application of explosion diverters. The standard also specifies methods for assessing the efficacy of explosion diverters. An explosion diverter is used to divert explosions propagating through ducts. When designed correctly the device will prevent flame jet ignition and pressure piling in connected protected enclosures. It will reduce the risk of flame transmission. The standard covers: - a test method for assessing the efficacy of explosion diverters; - design rules for a type of pipe-in-pipe diverter; - demands to venting device on diverter; - installation requirements; - maintenance requirements; - marking. This standard considers dust/air explosive atmospheres only.

Keel en

prEN 16023

Identne prEN 16023:2009

Tähtaeg 1.03.2010

Characterization of waste - Determination of calorific value

This European Standard specifies a method for the determination of the gross calorific value of liquid or solid waste 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 sample at constant volume with both the water of the combustion products and the moisture of the waste as liquid water. In practice, waste are burned at constant (atmospheric) pressure and the water is not condensed but is removed as vapour with the flue gases. Under these conditions, the operative heat of combustion to be used is the net calorific value of the fuel at constant pressure. In this European Standard the net calorific value at constant volume is described as it requires less additional determinations but still gives fit for purpose accuracy. This method is applicable to all kinds of waste.

Keel en

prEN 16027

Identne prEN 16027:2009

Tähtaeg 1.03.2010

Protective clothing - Gloves with protective effect for association football goal keepers

This document applies to gloves for goal keepers for association football (in the following text just " gloves for goal keepers") which provide due to their construction a protective effect against injuries of the hand or parts of it.

Keel en

prEN 50543

Identne prEN 50543:2009

Tähtaeg 1.03.2010

Electronic portable and transportable apparatus designed to detect and measure carbon dioxide and/or carbon monoxide in indoor ambient air - Requirements and test methods

This European Standard specifies requirements for the construction, testing and performance of electronic portable and transportable apparatus for the detection and measurement of carbon dioxide (CO₂) and/or carbon monoxide (CO) in indoor ambient air, which includes air entering mechanical ventilation systems in domestic residential, commercial and industrial premises and public buildings. This European Standard includes indoor air quality apparatus with CO and CO₂ measuring capabilities. This European Standard excludes: • apparatus used in workplace atmospheres for the direct detection and direct concentration measurement of toxic gases and vapours (i.e. conforming to EN 45544); • electronic portable combustion gas analysers (i.e. conforming to EN 50379).

Keel en

prEN ISO 4126-1

Identne prEN ISO 4126-1:2009

ja identne ISO/DIS 4126-1:2009

Tähtaeg 1.03.2010

Ohutusseadmed kaitseks ülerõhu eest. Osa 1: Kaitseklapid

This part of this Standard specifies general requirements for safety valves irrespective of the fluid for which they are designed. It is applicable to safety valves having a flow diameter of 4 mm and above which are for use at set pressures of 0,1 bar gauge and above. No limitation is placed on temperature. This is a product standard and is not concerned with applications for safety valves.

Keel en

Asendab EVS-EN ISO 4126-1:2004

prEN ISO 4126-4

Identne prEN ISO 4126-4:2009

ja identne ISO/DIS 4126-4:2009

Tähtaeg 1.03.2010

Ohutusseadmed kaitseks ülerõhu eest. Osa 4: Piloodi poolt juhitud kaitseklapid

This part of this Standard specifies general requirements for pilot operated safety valves, irrespective of the fluid for which they are designed. In all cases, the operation is carried out by the fluid in the system to be protected. It is applicable to pilot operated safety valves having a valve flow diameter of 6 mm and above which are for use at set pressures of 0,1 bar gauge and above. No limitation is placed on temperature. This is a product standard and it is not concerned with applications for pilot operated safety valves.

Keel en

Asendab EVS-EN ISO 4126-4:2004

prEN ISO 4126-5

Identne prEN ISO 4126-5:2009
ja identne ISO/DIS 4126-5:2009
Tähtaeg 1.03.2010

**Ohutusseadmed kaitseks ülerõhu eest. Osa 5:
Juhitavad rõhuvabastuse kaitseüsteemid (CSPRS)**

This part of this European Standard specifies the requirements for Controlled Safety Pressure Relief Systems irrespective of the fluid for which they are designed. It is applicable for main valves having a flow diameter of 6 mm and above which are for use at pressures of 0,1 bar gauge and above. No limitation is placed on temperature. This is a product standard and is not concerned with applications.

Keel en

Asendab EVS-EN ISO 4126-5:2004; EVS-EN ISO 4126-5:2004/AC:2008

prEN ISO 4126-7

Identne prEN ISO 4126-7:2009
ja identne ISO/DIS 4126-7:2009
Tähtaeg 1.03.2010

Safety devices for protection against excessive pressure - Part 7: Common data

This international Standard contains information which is common to more than one of the parts of this standard to avoid unnecessary repetition. This part is referenced in the other parts of this standard where appropriate.

Keel en

Asendab EVS-EN ISO 4126-7:2004; EVS-EN ISO 4126-7:2004/AC:2008

prEN ISO 12863

Identne prEN ISO 12863:2009
ja identne ISO/DIS 12863:2009
Tähtaeg 1.03.2010

Standard test method for measuring the ignition propensity of cigarettes

This International Standard provides a standard measure of the capability of a cigarette, positioned on one of three standard substrates, to generate sufficient heat to continue burning, and thus potentially cause ignition of bedding or upholstered furniture, or whether the cigarette extinguishes. This standard is applicable to factory-made cigarettes that burn along the length of a tobacco column. This is a performance-based standard; it does not prescribe any design features of the cigarette that might lead to improved or degraded performance in the test method. The output of this method has been correlated with the potential for cigarettes to ignite upholstered furniture.

Keel en

prEN ISO 26800

Identne prEN ISO 26800:2009
ja identne ISO/DIS 26800:2009
Tähtaeg 1.03.2010

Ergonomics - General approach, principles and concepts

ISO/DIS 26800 describes the general ergonomics approach and specifies basic ergonomics principles and concepts. These are applicable to the design and evaluation of tasks, jobs, products, tools, equipment, systems, organizations, services, facilities and environments in order to make them compatible with the characteristics, needs and values, abilities and limitations of people. The guidance provided in this standard is intended to improve the safety, performance, effectiveness, efficiency, reliability, availability and maintainability of the design outcome throughout its life cycle while safeguarding and enhancing the health, well-being and satisfaction of those involved or affected. The intended users of ISO/DIS 26800 are designers, ergonomists and project managers, as well as managers, workers, consumers (or their representatives) and procurers. It also serves as a reference standard for standards developers dealing with ergonomics aspects. This standard provides the basis for other, more detailed, context-specific ergonomics standards, examples of which are referenced.

Keel en

prEN ISO 28802

Identne prEN ISO 28802:2009
ja identne ISO/DIS 28802:2009
Tähtaeg 1.03.2010

Ergonomics of the physical environment - Assessment by means of an environmental survey involving physical measurement of the environment and subjective responses of people

The aim of the standard is to provide a standard environmental survey method for the assessment of the comfort and well-being of occupants of indoor and outdoor environments. It is not restricted to any particular environment but provides the general principles that allow assessment and evaluation. The standard applies to built environments as well as to other environments, including vehicle environments and outdoor environments. There may be specific features of certain types of environment that have to be taken into account, however the general principles outlined in this standard will apply. The standard applies to all occupants of environments who can be considered to provide valid responses to an environmental survey. The standard presents the principles of conducting an environmental survey to assess the comfort and well-being of people in environments. It involves guidance on the design of the survey as well as guidance on environmental measurements to quantify the environment and subjective assessment methods to quantify the occupants' responses to that environment.

Keel en

17 METROLOOGIA JA MÕÕTMINE. FÜSIKALISED NÄHTUSED

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN ISO 3822-3:1999/A1:2009

Hind 68,00

Identne EN ISO 3822-3:1997/A1:2009

ja identne ISO 3822-3:1997/Amd 1:2009

Akustika. Veevarustussüsteemis kasutatavate armatuuri ja seadmete poolt tekitatava müra laborikatsed. Osa 3: Torustikus paiknevate ventiilide ja armatuuri paigaldamise ja kasutamise tingimused

Standard kirjeldab torustikus paiknevate ventiilide ja armatuuri paigaldamise ja kasutamise tingimusi, kui mõõdetakse veevarustuspaigaldiste müra.

Keel en

19 KATSETAMINE

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 60068-2-38:2009

Hind 145,00

Identne EN 60068-2-38:2009

ja identne IEC 60068-2-38:2009

Environmental testing - Part 2-38: Tests - Test Z/AD: Composite temperature/humidity cyclic test

IEC 60068-2-38 provides a composite test procedure, primarily intended for component type specimens, to determine, in an accelerated manner, the resistance of specimens to the deteriorative effects of high temperature/humidity and cold conditions.

Keel en

Asendab EVS-EN 60068-2-38:2002

KAVANDITE ARVAMUSKÜSITLUS

prEN 16016-1

Identne prEN 16016-1:2009

Tähtaeg 1.03.2010

Non destructive testing - Radiation method - Computed tomography - Part 1: Terminology

This European Standard defines terms used in the field of tomography. This document contains not only tomography-specific terms but also other more generic terms spanning imaging and radiography. The definitions for some of these terms feature a discussion point to refocus the term in the more specific context of computed tomography.

Keel en

prEN 16016-2

Identne prEN 16016-2:2009

Tähtaeg 1.03.2010

Non destructive testing - Radiation method - Computed tomography - Part 2: Principle, equipment and samples

This part gives the general principles of computed tomography (CT). It describes the equipment used and basic considerations of sample, materials and geometry.

Keel en

prEN 16016-3

Identne prEN 16016-3:2009

Tähtaeg 1.03.2010

Non destructive testing - Radiation Methods - Computed Tomography - Part 3: Operation and interpretation

This part gives the user an outline of the operation of a CT system, and the interpretation of the results. It will provide the user with technical information to select suitable parameters.

Keel en

prEN 16016-4

Identne prEN 16016-4:2009

Tähtaeg 1.03.2010

Non destructive testing - Radiation Methods - Computed Tomography - Part 4: Qualification

This part describes guidelines for the qualification of the performance of a CT system with respect to various inspection tasks.

Keel en

prEN 16018

Identne prEN 16018:2009

Tähtaeg 1.03.2010

Non-destructive testing - Terminology - Terms used in ultrasonic testing with phased arrays

This European Standard defines terms used in ultrasonic testing with phased arrays.

Keel en

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

KAVANDITE ARVAMUSKÜSITLUS

prEN ISO 1483

Identne prEN ISO 1483:2009

ja identne ISO/DIS 1483:2009

Tähtaeg 1.03.2010

Soonega (pool)peitpea-plekikruvid

This International Standard specifies the characteristics of slotted raised countersunk (oval) head tapping screws with thread sizes from ST 2,2 to ST 9,5 inclusive.

Keel en

Asendab EVS-EN ISO 1483:1999

prEN ISO 1207

Identne prEN ISO 1207:2009

ja identne ISO/DIS 1207:2009

Tähtaeg 1.03.2010

Soonega silinderpeakruvid. Tooteklass A

This International Standard specifies the characteristics of slotted cheese head screws of product grade A and with threads from M1,6 to M10 inclusive. If, in special cases, specifications other than those listed in this International Standard are required, they should be selected from existing International Standards, for example ISO 261, ISO 888, ISO 898-1, ISO 965-2, ISO 3506-1, ISO 4759-1.

Keel en

Asendab EVS-EN ISO 1207:1999

prEN ISO 1479

Identne EN ISO 1479:1994
ja identne ISO 1479:1983
Tähtaeg 1.03.2010

Kuuskantpea-plekikruvid

This International Standard specifies the characteristics of hexagon head tapping screws with thread sizes from ST 2,2 to ST 9,5 inclusive.

Keel en

Asendab EVS-EN ISO 1479:1999

prEN ISO 1481

Identne prEN ISO 1481:2009
ja identne ISO/DIS 1481:2009
Tähtaeg 1.03.2010

Soonega lamekoonuspea-plekikruvid

This International Standard specifies the characteristics of slotted pan head tapping screws with thread sizes from ST 2,2 to ST 9,5 inclusive.

Keel en

Asendab EVS-EN ISO 1481:1999

prEN ISO 1482

Identne prEN ISO 1482:2009
ja identne ISO/DIS 1482:2009
Tähtaeg 1.03.2010

Soonega (lame)peitpea-plekikruvid (tavaline peakuju)

This International Standard specifies the characteristics of slotted countersunk (flat) head tapping screws with thread sizes from ST 2,2 to ST 9,5 inclusive.

Keel en

prEN ISO 2702

Identne prEN ISO 2702:2009
ja identne ISO/DIS 2702:2009
Tähtaeg 1.03.2010

Termotöödeldud terasest plekikruvid. Mehaanilised omadused

This International Standard specifies the characteristics of heat-treated steel tapping screws, with tapping screw thread from ST2,2 to ST9,5 inclusive in accordance with ISO 1478, together with the corresponding test methods.

Keel en

Asendab EVS-EN ISO 2702:1999

prEN ISO 7049

Identne prEN ISO 7049:2009
ja identne ISO/DIS 7049:2009
Tähtaeg 1.03.2010

Ristsüvendiga lamekoonuspea-plekikruvid

This International Standard specifies the characteristics of cross recessed pan head tapping screws with thread sizes from ST 2,2 to ST 9,5 inclusive.

Keel en

prEN ISO 7050

Identne prEN ISO 7050:2009
ja identne ISO/DIS 7050:2009
Tähtaeg 1.03.2010

Ristsüvendiga (lame)peitpea-plekikruvid

This International Standard specifies the characteristics of cross recessed countersunk (flat) head tapping screws with thread sizes from ST 2,2 to ST 9,5 inclusive.

Keel en

Asendab EVS-EN ISO 7050:1999

prEN ISO 7051

Identne prEN ISO 7051:2009
ja identne ISO/DIS 7051:2009
Tähtaeg 1.03.2010

Ristsüvendiga (pool)peitpea-plekikruvid

This International Standard specifies the characteristics of cross recessed raised countersunk (oval) head tapping screws with thread sizes from ST 2,2 to ST 9,5 inclusive.

Keel en

Asendab EVS-EN ISO 7051:1999

prEN ISO 7053

Identne prEN ISO 7053:2009
ja identne ISO/DIS 7053:2009
Tähtaeg 1.03.2010

Hexagon washer head tapping screws

This International Standard specifies hexagon washer head tapping screws with thread sizes from ST 2,2 to ST 8 inclusive.

Keel en

prEN ISO 7380-2

Identne prEN ISO 7380-2:2009
ja identne ISO/DIS 7380-2:2009
Tähtaeg 1.03.2010

Hexagon socket button head screws - Part 2: Button head with collar (head shape B)

This International Standard specifies the characteristics of hexagon socket button head screws with collar with threads from M3 up to and including M16, with product grade A.

Keel en

Asendab EVS-EN ISO 7380:2004

prEN ISO 7380-1

Identne prEN ISO 7380-1:2009
ja identne ISO/DIS 7380-1:2009
Tähtaeg 1.03.2010

Hexagon socket button head screws - Part 1: Button head (head shape A)

This International Standard specifies the characteristics of hexagon socket button head screws with threads from M3 up to and including M16, with product grade A.

Keel en

Asendab EVS-EN ISO 7380:2004

prEN ISO 4766

Identne prEN ISO 4766:2009
ja identne ISO/DIS 4766:2009
Tähtaeg 1.03.2010

Soone ja lameotsakuga seadekruvi

This International Standard specifies the characteristics of slotted set screws with flat point and thread sizes from M1,2 to M12 inclusive and product grade A. If other specifications are required, it is recommended that they should be selected from existing International Standards, for example ISO 261, ISO 888, ISO 898-5, ISO 965-2, ISO 3506-3, ISO 4759-1.

Keel en

Asendab EVS-EN 24766:1999

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 809:1998+A1:2009

Hind 188,00

Identne EN 809:1998+A1:2009

Pumbad ja pumbaüksused vedelike jaoks. Üldised ohutusnõuded

This European Standard establishes the technical safety requirements for: - constructing; - assembling; - erecting; - operating; - servicing; a liquid pump or pump unit. It contains a list of significant hazards, which can arise with the use of a liquid pump or pump unit, and establishes the requirements and/or protective measures which will lead to a reduction of the risks.

Liquid pumps covered by this European Standard are: - rotodynamic pumps; - rotary positive displacement pumps; - reciprocating displacement pumps; supplied separately without drive (electric motor or internal combustion engine).

Keel en

Asendab EVS-EN 809:1999

EVS-EN 13094:2008/AC:2009

Hind 0,00

Identne EN 13094:2008/AC:2009

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

Keel en

EVS-EN 14636-1:2009

Hind 295,00

Identne EN 14636-1:2009

Plastics piping systems for non-pressure drainage and sewerage - Polyester resin concrete (PRC) - Part 1: Pipes and fittings with flexible joints

This European Standard applies to pipes and fittings made from polyester resin concrete (PRC, see 3.1.23), intended to be used within a drain or sewer system operating without pressure. It applies to products for use in buried installations to be installed by open-trench techniques or pipe jacking. It applies to pipes, fittings and their joints of nominal sizes from DN 150 to DN 3000 for circular cross-sections, from WN/HN 300/450 to WN/HN 1400/2100 for egg-shaped cross-sections and from DN 800 to DN 1800 for kite-shaped cross-sections. The intended use of these products is for the conveyance of sewage, rainwater and surface water at temperatures up to 50 °C, without pressure or occasionally at a head of pressure up to 0,5 bar¹, and installed in areas subjected to vehicle and/or pedestrian traffic.

Keel en

EVS-EN 15714-1:2009

Hind 92,00

Identne EN 15714-1:2009

Industrial valves - Actuators - Part 1: Terminology and definitions

This document defines specific terms and definitions used for industrial valve actuators not included in EN 736-2 and EN 736-3.

Keel en

EVS-EN 15714-2:2009

Hind 178,00

Identne EN 15714-2:2009

Industrial valves - Actuators - Part 2: Electric actuators for industrial valves - Basic requirements

This document provides basic requirements for electric valve actuators, used for on-off and control valves. It includes guidelines for classification, design, enclosure and corrosion protection, and methods for conformity assessment. Combinations of electric multi-turn actuators and gearboxes supplied by the actuator manufacturer are within the scope of this document. In all other cases this European Standard applies to the electric actuator only. It does not cover: solenoid actuators, electro-hydraulic actuators and electric actuators which are integral in the design of valves. Other requirements or conditions of use different from those indicated in this document should be agreed between the purchaser and the manufacturer/supplier, prior to order. The terms and definitions applicable to this European Standard are given in EN 15714-1.

Keel en

EVS-EN 15714-3:2009

Hind 166,00

Identne EN 15714-3:2009

Industrial valves - Actuators - Part 3: Pneumatic part-turn actuators for industrial valves - Basic requirements

This document provides basic requirements for pneumatic part-turn valve actuators, both double acting and single acting, used for on-off and modulating control duties. It includes guidelines, recommendations and methods for enclosure and corrosion protection, control and testing. It does not apply to pneumatic actuators which are integral parts of control valves. Other requirements, or conditions of use, different from those indicated in this document, should be subject to negotiations, between the purchaser and the manufacturer/supplier, prior to order. The terms and definitions applicable to this European Standard are given in EN 15714-1.

Keel en

EVS-EN 15714-4:2009

Hind 178,00

Identne EN 15714-4:2009

Industrial valves - Actuators - Part 4: Hydraulic part-turn actuators for industrial valves - Basic requirements

This document provides basic requirements for hydraulic part-turn valve actuators, both double acting and single acting, used for on-off and modulating control duties. It includes guidelines, recommendations and methods for enclosure and corrosion protection, control and testing. It does not apply, to hydraulic actuators that are integral parts of control valves or to electro-hydraulic actuators. Other requirements or conditions of use different from those indicated in this document should be subject to negotiations between the purchaser and the manufacturer/supplier prior to order. The terms and definitions applicable to this European Standard are given in EN 15714-1.

Keel en

EVS-EN ISO 1402:2009

Hind 114,00

Identne EN ISO 1402:2009

ja identne ISO 1402:2009

**Kummi- ja plastvoolikud ning voolikukomplektid.
Hüdrostaatile katsetamine**

Käesolev standard esitab meetodi kummi- ja plastvoolikute ning voolikukomplektide hüdrostaatiliseks testimiseks, kaasa arvatud mõõtmete stabiilsuse kindlaksmääramise meetodid.

Keel en

Asendab EVS-EN ISO 1402:1999

EVS-EN ISO 4023:2009

Hind 124,00

Identne EN ISO 4023:2009

ja identne ISO 4023:2009

Kummivoolikud auru jaoks. Katsemeetodid

This International Standard specifies test methods in which a rubber hose test piece or hose assembly is exposed to saturated steam, thus simulating service conditions. Four methods are specified, namely: - method A: vertical rack method; - method B: horizontal rack method; - method C: flexing test, vertical arrangement; - method D: flexing test, horizontal arrangement.

Keel en

Asendab EVS-EN ISO 4023:1999

EVS-EN ISO 8031:2009

Hind 145,00

Identne EN ISO 8031:2009

ja identne ISO 8031:2009

**Rubber and plastics hoses and hose assemblies -
Determination of electrical resistance and
conductivity**

This International Standard specifies electrical test methods for rubber and plastics hoses, tubing and hose assemblies to determine the resistance of conductive, antistatic and non-conductive hoses and the electrical continuity or discontinuity between metal end fittings.

Keel en

Asendab EVS-EN ISO 8031:1999

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 809:1999**

Identne EN 809:1998 + AC:2002

**Pumbad ja pumbaüksused vedelike jaoks. Üldised
ohutusnõuded**

Käesolev standard kehtestab tehnilised ohutusnõuded vedelikupumpade või pumbaüksuste konstrueerimise, kokkumonteerimise, paigalduse, töötamise, hooldamise kohta.

Keel en

Asendatud EVS-EN 809:1998+A1:2009

EVS-EN ISO 1402:1999

Identne EN ISO 1402:1996

ja identne ISO 1402:1994

**Kummi- ja plastvoolikud ning voolikukomplektid.
Hüdrostaatile katsetamine**

Käesolev standard esitab meetodi kummi- ja plastvoolikute ning voolikukomplektide hüdrostaatiliseks testimiseks, kaasa arvatud mõõtmete stabiilsuse kindlaksmääramise meetodid.

Keel en

Asendatud EVS-EN ISO 1402:2009

EVS-EN ISO 4023:1999

Identne EN ISO 4023:1995

ja identne ISO 4023:1991

Kummivoolikud auru jaoks. Katsemeetodid

Käesolev rahvusvaheline standard määrab kindlaks testimismeetodid, mille korral kummivooliku katsekeha ava allutatakse küllastunud aurule, et simuleerida töötingimusi. Esitatud on neli meetodit, nimelt meetod A - vertikaalse raami meetod, meetod B - horisontaalse raami meetod, meetod C - paindetest, vertikaalne paigutus, meetod D - paindetest, horisontaalne paigutus.

Keel en

Asendatud EVS-EN ISO 4023:2009

EVS-EN ISO 8031:1999

Identne EN ISO 8031:1997

ja identne ISO 8031:1993

**Kummi- ja plastvoolikud ning voolikukomplektid.
Elektritakistuse määramine**

Standard esitab kummi- ja plastvoolikute ning voolikukomplektide elektrilise teimise meetodid, et määrata kindlaks elektrit juhtivate, antistaatiliste ja elektrit mittejuhtivate voolikute takistus, elektriline pidevus liitmike osade vahel ning pidevuse puudumine.

Keel en

Asendatud EVS-EN ISO 8031:2009

KAVANDITE ARVAMUSKÜSITLUS**EN 13445-5:2009/prA2**

Identne EN 13445-5:2009/prA2:2009

Tähtaeg 1.03.2010

**Leekkuumutusega surveanumad. Osa 5: Kontroll ja
katsetamine**

This Part of this European Standard specifies the inspection and testing of individual and serially produced pressure vessels made of steels in accordance with EN 13445-2 subject to predominantly non_cyclic operation (i.e. vessels operating below 500 full equivalent pressure cycles).

Keel en

EN 13445-5:2009/prA1

Identne EN 13445-5:2009/prA1:2009

Tähtaeg 1.03.2010

**Leekkuumutusega surveanumad. Osa 5: Kontroll ja
katsetamine**

This Part of this European Standard specifies the inspection and testing of individual and serially produced pressure vessels made of steels in accordance with EN 13445-2 subject to predominantly non_cyclic operation (i.e. vessels operating below 500 full equivalent pressure cycles).

Keel en

prEN 13922

Identne EN 13922:2003

Tähtaeg 1.03.2010

Tanks for transport of dangerous goods - Service equipment for tanks - Overfill prevention systems for liquid fuels

This European Standard specifies the following points regarding the minimum requirements for an overfill prevention system: - functions; - major components; - characteristics; - test methods. This European Standard is applicable to overfill prevention systems for liquid fuels having a flash point up to but not exceeding 100 °C, excluding liquefied petroleum gas (LPG). The requirements apply to overfill prevention systems suitable for use at ambient temperatures in the range from -20 °C to +50 °C, subjected to normal operational pressure variations.

Keel en

Asendab EVS-EN 13922:2003

prEN 15969-2

Identne prEN 15969-2:2009

Tähtaeg 1.03.2010

Tanks for transport of dangerous goods - Digital interface for the data transfer between tank vehicle and with stationary facilities - Part 2: Commercial and logistic data

This European Standard describes the data structure needed for tour management, scheduling orders of measured and unmeasured products online to the truck. Processed orders are transferred back to the host in the office at once or later every time the truck is online. It specifies the transfer of commercial and logistic data between transport vehicle equipment, on board computer of the tank vehicle and stationary facilities for all communication channels between these parties.

Keel en

prEN ISO 11118

Identne prEN ISO 11118:2009

ja identne ISO/DIS 11118:2009

Tähtaeg 1.03.2010

Gas cylinders - Non-refillable metallic gas cylinders - Specification and test methods

This International Standard specifies minimum requirements for the material, design, inspections, construction and workmanship, manufacturing processes and tests at manufacture of non-refillable metallic gas cylinders of welded, brazed or seamless construction for compressed, liquefied and dissolved gases exposed to extreme worldwide ambient temperatures

Keel en

25 TOOTMISTEHNOLLOOGIA

UUED STANDARDID JA PUBLIKATSIOONID

CEN ISO/TR 20173:2009

Hind 271,00

Identne CEN ISO/TR 20173:2009

ja identne ISO/TR 20173:2009

Welding - Grouping systems for materials - American materials

This Technical Report provides an American grouping system for materials for welding purposes, classified in accordance with the grouping system of ISO/TR 15608:2005[1]. It may also apply for other purposes, such as heat treatment, forming, and non-destructive testing. Types of steels are listed in accordance with the grouping system of ISO/TR 15608:2005[1], Table 1. This Technical Report covers grouping systems for the following standardized materials: - steel; - aluminium and its alloys; - nickel and its alloys; - copper and its alloys; - titanium and its alloys; - zirconium and its alloys; - cast irons.

Keel en

Asendab CEN ISO/TR 20173:2005

CLC/TR 62453-61:2009

Hind 209,00

Identne CLC/TR 62453-61:2009

ja identne IEC/TR 62453-61:2009

Field device tool interface (FDT) specification - Part 61: Device type manager (DTM) - Styleguide for common object model

IEC/TR 62453-61, which is a technical report, explains the guidelines and rules for the implementation of a Device Type Manager (DTM) with regard to the user interface and its functions. These guidelines and rules are part of the FDT specification and are intended to ensure that all users are provided with clear and consistent user interface functions and features across DTM devices in a system.

Keel en

CLC/TR 62453-501:2009

Hind 315,00

Identne CLC/TR 62453-501:2009

ja identne IEC/TR 62453-501:2009

Field device tool (FDT) interface specification - Part 501: Communication implementation for common object model - IEC 61784 CPF 1

This part of IEC 62453 provides additional information for integrating the Foundation Fieldbus (FF) protocol into the COM implementation of the FDT Specification (IEC 62453-41). The document describes communication definitions, protocol specific extensions and the means for block (e.g. transducer, resource or function blocks) representation. The new protocol specific definitions are based on FF-Specifications for H1 and HSE protocols. Furthermore, the definitions contain information that is needed by systems to configure FF Devices. The scope is limited to Foundation Fieldbus device and system specific definitions. This specification neither contains the FDT specification nor modifies it.

Keel en

CLC/TR 62453-502:2009

Hind 178,00

Identne CLC/TR 62453-502:2009

ja identne IEC/TR 62453-502:2009

Field device tool (FDT) interface specification - Part 502: Communication implementation for common object model - IEC 61784 CPF 2

IEC/TR 62453-502, which is a technical report, provides information for integrating the CIP™ technology into the COM based implementation of FDT interface specification (IEC/TR 62453-5). Communication Profile Family 2 (commonly known as CIP™1) defines communication profiles based on IEC 61158-2 Type 2, IEC 61158-3-2, IEC 61158-4-2, IEC 61158-5-2, and IEC 61158-6-2, IEC 62026-3. The basic profiles CP 2/1 (ControlNet™2), CP 2/2 (EtherNet/IP™3), and CP 2/3 (DeviceNet™1) are defined in IEC 61784-1 and IEC 61784-2. An additional communication profile (CompoNet™), also based on CIP™, is defined in [13]. This part of IEC 62453 specifies communication and other services. This specification neither contains the FDT specification nor modifies it.

Keel en

CLC/TR 62453-506:2009

Hind 198,00

Identne CLC/TR 62453-506:2009

ja identne IEC/TR 62453-506:2009

Field device tool (FDT) interface specification - Part 506: Communication implementation for common object model - IEC 61784 CPF 6

This part of IEC 62453 provides information for integrating the INTERBUS®2 technology into the COM based implementation of FDT interface specification (IEC 62453-41). This part of the IEC 62453 specifies communication and other services. This specification neither contains the FDT specification nor modifies it.

Keel en

CLC/TR 62453-503-1:2009

Hind 243,00

Identne CLC/TR 62453-503-1:2009

ja identne IEC/TR 62453-503-1:2009

Field device tool (FDT) interface specification - Part 503-1: Communication implementation for common object model - IEC 61784 CP 3/1 and CP 3/2

IEC 62435-503-1, which is a technical report, provides information for integrating the PROFIBUS protocol into the FDT interface specification (IEC 62453-2). This part of IEC 62453 specifies communication and other services. This specification neither contains the FDT specification nor modifies it.

Keel en

CLC/TR 62453-503-2:2009

Hind 188,00

Identne CLC/TR 62453-503-2:2009

ja identne IEC/TR 62453-503-2:2009

Field device tool (FDT) interface specification - Part 503-2: Communication implementation for common object model - IEC 61784 CP 3/4, CP 3/5 and CP 3/6

IEC/TR 62453-503-2, which is a technical report, provides information for integrating the PROFINET®1 technology into the implementation of the FDT interface specification (IEC/TR 62453-41). This part of IEC 62453 specifies communication and other services. This specification neither contains the FDT specification nor modifies it.

Keel en

CLC/TR 62453-509:2009

Hind 178,00

Identne CLC/TR 62453-509:2009

ja identne IEC/TR 62453-509:2009

Field device tool (FDT) interface specification - Part 509: Communication implementation for common object model - IEC 61784 CPF 9

This part of IEC 62453 provides information for integrating the HART®2 technology into the FDT interface specification (IEC 62453-2). This part of IEC 62453 specifies communication and other services. This specification neither contains the FDT specification nor modifies it.

Keel en

CLC/TR 62453-515:2009

Hind 198,00

Identne CLC/TR 62453-515:2009

ja identne IEC/TR 62453-515:2009

Field device tool (FDT) interface specification - Part 515: Communication implementation for common object model - IEC 61784 CPF 15

IEC/TR 62453-515, which is a technical report, provides information for integrating IEC 61784-2 CPF 15 (Modbus TCP®) and Modbus Serial Line®1) protocol support into FDT systems based on COM implementation. This part is to be used in conjunction with IEC/TR 62453-41.

Keel en

EVS-EN 201:2009

Hind 315,00

Identne EN 201:2009

Kummi- ja plastitöötlusmasinad. Survealumasinad. Ohutusnõuded

This European Standard specifies the essential safety requirements for injection moulding machines for the processing of plastics and/or rubber. All hazards listed in Clause 4 are covered by this standard. The following machines are not covered: - machines on which the clamping unit can only be operated by the physical force of the operator; - injection moulding machines with pneumatic drives for the platen movement; - injection moulding machines with vertical platen movements driven by an electrical axis; - blow moulding machines associated with an injection process (EN 422); - machines for reaction injection moulding (RIM) (EN 1612-1); - presses (EN 289); - footwear moulding machines covered by EN 1845.

Keel en

Asendab EVS-EN 201:1999; EVS-EN

201:1999/A1:2000; EVS-EN 201:1999/A2:2005

EVS-EN 61003-2:2009

Hind 114,00

Identne EN 61003-2:2009

ja identne IEC 61003-2:2009

Industrial-process control systems - Instruments with analogue inputs and two- or multi-state outputs - Part 2: Guidance for inspection and routine testing

This part of IEC 61003 gives guidelines for inspection and routine testing of electrical and pneumatic instruments with two- or multi-state output, for instance, for acceptance tests or after repair. For a full evaluation, IEC 61003-1 shall be used. Whenever possible any test carried out is to be in accordance with IEC 61298. This part of IEC 61003 is applicable to electrical and pneumatic industrial-process instruments, using measured values that are continuous signals. The set point value may be either a mechanical (position, force, etc.) or a standard signal. These instruments may be used as controllers or as switches for alarms and other similar purposes. Quantitative criteria for acceptable performance should be established by agreement between manufacturer and user, and the report on the tests shall make clear which tests were carried out. The requirements of this standard shall be effective when agreed by the manufacturer and the user.

Keel en

EVS-EN 61029-2-9:2009

Hind 178,00

Identne EN 61029-2-9:2009

ja identne IEC 61029-2-9:1995

Teisaldatavate mootorajamiga elektritööriistade ohutus . Osa 2: Erinõuded pendelsaagidele

This International Standard applies to transportable mitre saws intended for cutting non ferrous metals such as aluminium, wood and similar materials with a blade diameter not exceeding 400 mm, as defined in 2.101. Tools combining the function of mitre saw with the function of circular saw are not covered by this standard.

Keel en

Asendab EVS-EN 61029-2-9:2003

EVS-EN 61029-2-11:2009

Hind 229,00

Identne EN 61029-2-11:2009

ja identne IEC 61029-2-11:2001

Teisaldatavate mootorajamiga elektritööriistade ohutus. Osa 2-11: Erinõuded kombineeritud järkamis- ja lausaagidele

This European Standard applies to transportable combined mitre and bench saws with a saw blade diameter not exceeding 315 mm and intended for cutting wood and analogous materials.

Keel en

Asendab EVS-EN 61029-2-11:2004

EVS-EN 62453-301:2009

Hind 356,00

Identne EN 62453-301:2009

ja identne IEC 62453-301:2009

Field device tool (FDT) interface specification - Part 301: Communication profile integration - IEC 61784 CPF 1

Communication Profile Family 1 (commonly known as FOUNDATION™ Fieldbus1) defines communication profiles based on IEC 61158-2, Type 1, IEC 61158-3-1, IEC 61158-4-1, IEC 61158-5-5, IEC 61158-5-9, IEC 61158-6-5, and IEC 61158-6-9. The basic profiles CP 1/1 (FF H1) and CP 1/2 (FF HSE) are defined in IEC 61784-1. This part of IEC 62453 provides information for integrating the FOUNDATION™ Fieldbus (FF) protocol into the FDT standard (IEC 62453-2). The standard describes communication definitions, protocol specific extensions and the means for block (e.g. transducer, resource or function blocks) representation. The new protocol specific definitions are based on FF-specifications for H1 and HSE protocols. Furthermore, the definitions contain information that is needed by systems to configure FF devices. The scope is limited to FOUNDATION™ Fieldbus device and system specific definitions.

Keel en

EVS-EN 62453-306:2009

Hind 198,00

Identne EN 62453-306:2009

ja identne IEC 62453-306:2009

Field device tool (FDT) interface specification - Part 306: Communication profile integration - IEC 61784 CPF 6

Communication Profile Family 6 (commonly known as INTERBUS®1) defines communication profiles based on IEC 61158-2 Type 8, IEC 61158-3-8, IEC 61158-4-8, IEC 61158-5-8, and IEC 61158-6-8. The basic profiles CP 6/1 (INTERBUS) and CP 6/3 (INTERBUS minimal subset) are defined in IEC 61784-1. This part of IEC 62453 provides information for integrating the INTERBUS® technology into the FDT standard (IEC 62453-2). This part of the IEC 62453 specifies communication and other services. This standard neither contains the FDT specification nor modifies it.

Keel en

EVS-EN 62453-309:2009

Hind 198,00

Identne EN 62453-309:2009

ja identne IEC 62453-309:2009

Field device tool (FDT) interface specification - Part 309: Communication profile integration - IEC 61784 CPF 9

Communication Profile Family 9 (commonly known as HART®1) defines communication profiles based on IEC 61158-5-20 and IEC 61158-6-20. The basic profile CP 9/1 is defined in IEC 61784-1. This part of IEC 62453 provides information for integrating the HART® technology into the FDT standard (IEC 62453-2). This part of the IEC 62453 specifies communication and other services. This standard neither contains the FDT specification nor modifies it.

Keel en

EVS-EN 62453-315:2009

Hind 256,00

Identne EN 62453-315:2009

ja identne IEC 62453-315:2009

Field device tool (FDT) interface specification - Part 315: Communication profile integration - IEC 61784 CPF 15

Communication Profile Family 15 (commonly known as Modbus1) defines communication profiles based on IEC 61158-5-15 and IEC 61158-6-15. The basic profile CP 15/1 (Modbus TCP) is defined in IEC 61784-1. An additional communication profile (Modbus Serial Line) is defined in [2]. This part of the IEC 62453 provides information for integrating Modbus TCP® and Modbus Serial Line® protocol support into FDT based systems. NOTE This part of IEC 62453 only specifies the mapping of Modbus parameters to FDT data types. For restrictions of protocol specific parameters concerning allowed values and concerning limitations of arrays used in the definition of FDT data types, refer to IEC 61158-5-15 and the MODBUS Application Protocol Specification.

Keel en

EVS-EN 62453-303-1:2009

Hind 271,00

Identne EN 62453-303-1:2009

ja identne IEC 62453-303-1:2009

Field device tool (FDT) interface specification - Part 303-1: Communication profile integration - IEC 61784 CP 3/1 and CP 3/2

Communication Profile 3/1 and Communication Profile 3/2 (commonly known as PROFIBUS™1) defines communication profiles based on IEC 61158-2 Type 3, IEC 61158-3-3, IEC 61158-4-3, IEC 61158-5-3, and IEC 61158-6-3. The basic profiles CP 3/1 (PROFIBUS DP) and CP 3/2 (PROFIBUS PA) are defined in IEC 61784-1. This part of IEC 62453 provides information for integrating the PROFIBUS protocol into the FDT interface specification (IEC 62453-2). This part of the IEC 62453 specifies communication and other services. This specification neither contains the FDT specification nor modifies it.

Keel en

EVS-EN 62453-303-2:2009

Hind 271,00

Identne EN 62453-303-2:2009

ja identne IEC 62453-303-2:2009

Field device tool (FDT) interface specification - Part 303-2: Communication profile integration - IEC 61784 CP 3/4, CP 3/5 and CP 3/6

Communication Profile 3/4, Communication Profile 3/5 and Communication Profile 3/6 (commonly known as PROFINET®1 IO) define communication profiles based on IEC 61158-5-10 and IEC 61158-6-10. The basic profiles CP 3/4, CP 3/5, and CP 3/6 are defined in IEC 61784-2. This part of IEC 62453 provides information for integrating the PROFINET® technology into the FDT interface (IEC 62453-2). This part of the IEC 62453 specifies communication and other services. This specification neither contains the FDT specification nor modifies it.

Keel en

EVS-EN 62453-302:2009

Hind 219,00

Identne EN 62453-302:2009

ja identne IEC 62453-302:2009

Field device tool (FDT) interface specification - Part 302: Communication profile integration - IEC 61784 CPF 2

Communication Profile Family 2 (commonly known as CIP™1) defines communication profiles based on IEC 61158-2 Type 2, IEC 61158-3-2, IEC 61158-4-2, IEC 61158-5-2, IEC 61158-6-2, and IEC 62026-3. The basic profiles CP 2/1 (ControlNet™2), CP 2/2 (EtherNet/IP™3), and CP 2/3 (DeviceNet™1) are defined in IEC 61784-1 and IEC 61784-2. An additional communication profile (CompoNet™1), also based on CIP™, is defined in [14]. This part of IEC 62453 provides information for integrating the CIP™ technology into the FDT interface specification (IEC 62453-2). This part of IEC 62453 specifies communication and other services. This specification neither contains the FDT specification nor modifies it.

Keel en

EVS-EN ISO 2560:2009

Hind 198,00

Identne EN ISO 2560:2009

ja identne ISO 2560:2009

Keevitusmaterjalid. Kattega elektroodid legerimata ja peenterateraste käsikaarkeevituseks. Liigitamine

This International Standard specifies requirements for classification of covered electrodes and deposited metal in the as-welded condition and in the post-weld heat-treated condition for manual metal arc welding of non-alloy and fine grain steels with a minimum yield strength of up to 500 MPa or a minimum tensile strength of up to 570 MPa. This International Standard is a combined specification providing for classification utilizing a system based upon the yield strength and the average impact energy of 47 J of all-weld metal, or utilizing a system based upon the tensile strength and the average impact energy of 27 J of all-weld metal. a) Paragraphs and tables which carry the suffix letter "A" are applicable only to covered electrodes classified to the system based upon the yield strength and the average impact energy of 47 J of all-weld metal in this International Standard. b) Paragraphs and tables which carry the suffix letter "B" are applicable only to covered electrodes classified to the system based upon the tensile strength and the average impact energy of 27 J of all-weld metal in this International Standard. c) Paragraphs and tables which do not have either the suffix letter "A" or the suffix letter "B" are applicable to all covered electrodes classified in this International Standard.

Keel en

Asendab EVS-EN ISO 2560:2006

EVS-EN ISO 15011-1:2009

Hind 166,00

Identne EN ISO 15011-1:2009

ja identne ISO 15011-1:2009

Health and safety in welding and allied processes - Laboratory method for sampling fume and gases - Part 1: Determination of fume emission during arc welding and collection of fume for analysis

This part of ISO 15011 defines a laboratory method for measuring the emission rate of fume from arc welding. It also defines a method of collecting the fume for subsequent analysis and refers to suitable analytical techniques. The methods described are suitable for use with all open arc welding processes except tungsten inert gas (TIG) welding, which produces little fume. The emission rate method can be used to evaluate the effects of welding electrodes and wires, welding parameters, processes, shielding gases, test piece composition and test piece surface condition on fume emission rate. Following analysis of the fume collected, the effects of test parameters on fume composition can also be determined.

Keel en

Asendab EVS-EN ISO 15011-1:2002

EVS-EN ISO 15011-2:2009

Hind 166,00

Identne EN ISO 15011-2:2009

ja identne ISO 15011-2:2009

Health and safety in welding and allied processes - Laboratory method for sampling fume and gases - Part 2: Determination of the emission rates of carbon monoxide (CO), carbon dioxide (CO₂), nitrogen monoxide (NO) and nitrogen dioxide (NO₂) during arc welding, cutting and gouging

This part of ISO 15011 defines laboratory methods for measuring the emission rates of carbon monoxide (CO), carbon dioxide (CO₂), nitrogen monoxide (NO) and nitrogen dioxide (NO₂) generated during arc welding, cutting and gouging, using a hood technique. The methodology is suitable for use with all open arc welding processes, cutting and gouging but different designs of hood are used depending on the process and whether or not it can be conducted automatically. The method can be used to evaluate the effects of welding wires, welding parameters, processes, shielding gases, test piece composition and test piece surface condition on emission rate.

Keel en

Asendab EVS-EN ISO 15011-2:2003

EVS-EN ISO 15011-3:2009

Hind 145,00

Identne EN ISO 15011-3:2009

ja identne ISO 15011-3:2009

Health and safety in welding and allied processes - Laboratory method for sampling fume and gases - Part 3: Determination of ozone emission rate during arc welding

This part of ISO 15011 defines a laboratory method for measuring the emission rate of ozone during arc welding, using a hood technique. The method is directed primarily at measuring ozone emission rate when using gas-shielded arc welding processes, but it can also be employed with other processes, e.g. self-shielded flux-cored arc welding, provided that welding can be performed automatically under the hood. The method can be used to evaluate the effects of welding wires, welding parameters, processes, shielding gases, test piece composition and test piece surface condition on emission rate.

Keel en

Asendab EVS-EN ISO 15011-3:2003

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN ISO 2560:2006

Identne EN ISO 2560:2005

ja identne ISO 2560:2002

Keevitusematerjalid. Kattega elektroodid legerimata ja peenteraste käsikaarkeevituseks. Liigitamine

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

Keel en

Asendab EVS-EN 499:2002

Asendatud EVS-EN ISO 2560:2009

EVS-EN ISO 15011-2:2003

Identne EN ISO 15011-2:2003

ja identne ISO 15011-2:2003

Health and safety in welding and allied processes - Laboratory method for sampling fume and gases generated by arc welding - Part 2: Determination of emission rates of gases, except ozone

This standard provides guidance on the determination of emission rates of gases generated by arc welding using a fume box technique. It describes the test principle, gives a possible fume box arrangement and considers methods for sampling and analysis

Keel en

Asendatud EVS-EN ISO 15011-2:2009

EVS-EN ISO 15011-1:2002

Identne EN ISO 15011-1:2002

ja identne ISO 15011-1:2002

Health and safety in welding and allied processes - Laboratory method for sampling fume and gases generated by arc welding - Part 1: Determination of emission rate and sampling for analysis of particulate fume

This European standard describes a method for the determination of the particulate fume emission rate from arc welding processes using a fume box technique. It defines a method of sampling particulate fume for chemical analysis and suggests possible analytical techniques in order to characterize fumes emitted by consumable during welding.

Keel en

Asendatud EVS-EN ISO 15011-1:2009

KAVANDITE ARVAMUSKÜSITLUS

FprEN ISO 17635

Identne FprEN ISO 17635:2009

ja identne ISO/FDIS 17635:2009

Tähtaeg 1.03.2010

Keevisõmbluste mittepurustav kontrollimine.

Üldjuhised metalsete materjalide kohta

This International Standard gives guidelines for the choice of non-destructive testing (NDT) methods for welds and evaluation of the results for quality control purposes, based on quality requirements, material, weld thickness, welding process, and extent of testing. This International Standard also specifies general rules and standards to be applied to the different types of testing, for either the methodology or the acceptance level for metallic materials. Acceptance levels cannot be a direct interpretation of the quality levels defined in ISO 5817 or ISO 10042. They are linked to the overall quality of the produced batch of welds. Requirements for acceptance levels for NDT comply with quality levels stated in ISO 5817 or ISO 10042 (moderate, intermediate, stringent) only on a general basis and not in detail for each indication. Annex A gives correlations between quality, NDT and acceptance level standards. Annex B gives an overview of the standards linked to quality levels, acceptance levels, and NDT methods.

Keel en

Asendab EVS-EN 12062:1999; EVS-EN 12062:1999/A1:2002; EVS-EN 12062:1999/A2:2004

27 ELEKTRI- JA SOOJUSENERGEETIKA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 62282-6-300:2009

Hind 336,00

Identne EN 62282-6-300:2009

ja identne IEC 62282-6-300:2009

Fuel cell technologies -- Part 6-300: Micro fuel cell power systems - Fuel cartridge interchangeability

This International Standard covers interchangeability of micro fuel cell (MFC) fuel cartridges to provide the cartridge compatibility for a variety of MFC power units while maintaining the safety and performance of MFC power systems. For this purpose, the standard covers fuel cartridges and their connector designs. Fuel type, fuel concentration and fuel quality are also covered. This standard also provides for the means to avoid the miss-connection of an improper fuel cartridge. Test methods for verifying the compliance with the interchangeability requirements for fuel and fuel cartridges are also provided in this standard.

Keel en

29 ELEKTROTEHNIKA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 50397-2:2009

Hind 229,00

Identne EN 50397-2:2009

Covered conductors for overhead lines and the related accessories for rated voltages above 1 kV AC and not exceeding 36 kV AC - Part 2: Accessories for covered conductors - Tests and acceptance criteria

This Part 2 of EN 50397 contains the requirements for accessories that are for use with the covered conductors in accordance with EN 50397-1. They are for applications in overhead lines with rated voltages U above 1 kV a.c. and not exceeding 36 kV a.c.

Keel en

EVS-EN 60255-26:2009

Hind 166,00

Identne EN 60255-26:2009

ja identne IEC 60255-26:2008

Measuring relays and protection equipment -- Part 26: Electromagnetic compatibility requirements

This part of IEC 60255 is applicable to measuring relays and protection equipment for power system protection, including the control, monitoring and process interface equipment used with those systems. This standard specifies the essential requirements for electromagnetic compatibility for measuring relays and protection equipment intended to be used at industrial locations. Measuring relays and protection equipment used in substations and power plants may require higher immunity test levels. For equipment not incorporating electronic circuits, for example electromechanical relays, tests according to this standard are not required. The requirements specified in this standard are applicable to measuring relays and protection equipment in a new condition and all tests specified are type tests only.

Keel en

Asendab EVS-EN 50263:2001; EVS-EN 60255-26:2005

EVS-EN 60255-151:2009

Hind 209,00

Identne EN 60255-151:2009

ja identne IEC 60255-151:2009

Measuring relays and protection equipment - Part 151: Functional standard for over/under current protection

This part of IEC 60255 specifies minimum requirements for over/under current relays. This standard includes a specification of the protection function, measurement characteristics and time delay characteristics. This part of IEC 60255 defines the influencing factors that affect the accuracy under steady state conditions and performance characteristics during dynamic conditions. The test methodologies for verifying performance characteristics and accuracy are also included in this standard.

Keel en

Asendab EVS-EN 60255-3:2003

EVS-EN 60269-4:2009

Hind 256,00

Identne EN 60269-4:2009

ja identne IEC 60269-4:2009

Madalpingelised sulavkaitsmed. Osa 4: Lisanõuded sulavpanustele pooljuhtseadmete kaitseks

IEC 60269-1 applies with the following supplementary requirements. Fuse-links for the protection of semiconductor devices shall comply with all requirements of IEC 60269-1, if not otherwise indicated hereinafter, and shall also comply with the supplementary requirements laid down below.

Keel en

Asendab EVS-EN 60269-4:2007

EVS-EN 60630:2002/A6:2009

Hind 92,00

Identne EN 60630:1998/A6:2009

ja identne IEC 60630:1994/A6:2009

Maximum lamp outlines for incandescent lamps

Comprises maximum lamp outlines for tungsten filament lamps for domestic and similar general lighting purposes.

Keel en

EVS-EN 60633:2002/A1:2009

Hind 92,00

Identne EN 60633:1999/A1:2009

ja identne IEC 60633:1998/A1:2009

Terminology for high-voltage direct current (HVDC) transmission

This International Standard defines terms for high-voltage direct current (HVDC) power transmission systems and for HVDC substations using electronic power converters for the conversion from a.c. to d.c. or vice versa.

Keel en

EVS-EN 60947-7-3:2009

Hind 229,00

Identne EN 60947-7-3:2009

ja identne IEC 60947-7-3:2009

Madalpingelised lülitus- ja juhtimisaparaadid. Osa 7-3: Tugiseadmed. Ohutusnõuded kaitsmete klemmiplokkidele

This part of IEC 60947 applies to fuse terminal blocks with screw-type or screwless-type clamping units for the connection of rigid (solid or stranded) or flexible copper conductors for the reception of cartridge fuse-links in accordance with IEC 60127-2, intended primarily for industrial or similar use in circuits not exceeding 1 000 V a.c., up to 1 000 Hz or 1 500 V d.c., and having a maximum short-circuit breaking capacity of 1 500 A. They are intended for installation in electrical equipment with enclosures which surround the fuse terminal blocks to such an extent that they are accessible only with the aid of a tool. For certain applications, for example in control circuits, the fuse terminal blocks may be designed exclusively for short-circuit protection.

Keel en

Asendab EVS-EN 60947-7-3:2003

EVS-EN 61439-1:2009

Hind 356,00

Identne EN 61439-1:2009

ja identne IEC 61439-1:2009

Low-voltage switchgear and controlgear assemblies -- Part 1: General rules

This part of IEC 61439 lays down the definitions and states the service conditions, construction requirements, technical characteristics and verification requirements for low-voltage switchgear and controlgear assemblies.

Keel en

Asendab EVS-EN 60439-1:2006; EVS-EN 60439-1:2006/AC:2009

EVS-EN 61439-2:2009

Hind 178,00

Identne EN 61439-2:2009

ja identne IEC 61439-2:2009

Low-voltage switchgear and controlgear assemblies -- Part 2: Power switchgear and controlgear assemblies

This standard defines the specific requirements of power switchgear and controlgear assemblies (PSC-ASSEMBLIES), the rated voltage of which does not exceed 1000 V a.c. or 1500 V d.c. Throughout this part, the abbreviation PSC-ASSEMBLY is used for a power switchgear and controlgear ASSEMBLY (see 3.1.101). This standard does not apply to the specific types of ASSEMBLIES covered by other parts of IEC 61439.

Keel en

EVS-EN 62040-3:2002/A11:2009

Hind 80,00

Identne EN 62040-3:2001/A11:2009

Uninterruptible power systems (UPS) - Part 3: Method of specifying the performance and test requirements

Applies to electronic direct a.c. converter systems with electrical energy storage means in the d.c. link. Ensures continuity of an alternating power source. Also includes the method of specifying all power switches that form integral parts of a UPS and are associated with its output. Included are interrupters, bypass switches, isolating switches, load transfer switches and tie switches. does not refer to conventional mains distribution boards, rectifier input switches or d.c. switches or UPS based on rotating machines. Defines a complete uninterruptible power system in terms of its performance and not individual UPS functional units.

Keel en

EVS-EN 62223:2009

Hind 166,00

Identne EN 62223:2009

ja identne IEC 62223:2009

Insulators - Glossary of terms and definitions

This International Standard specifies terms defined in standards that fall under the scope of technical committee TC 36: Insulators. It covers terms that can be found in IEC 60050-471 as well as terms not appropriate for inclusion in IEC 60050-471 but used widely in the standards of IEC TC 36. IEC 60050-471 is not intended to cover all the terms used in the various IEC standards but provides rather a general purpose vocabulary giving the basic terms and reference terms to be used by all technical committees. This glossary is intended to harmonize terms not listed in IEC 60050-471 but used in the publications of committee TC 36.

Keel en

EVS-EN 62386-205:2009

Hind 198,00

Identne EN 62386-205:2009

ja identne IEC 62386-205:2009

Digital addressable lighting interface - Part 205: Particular requirements for control gear - Supply voltage controller for incandescent lamps (device type 4)

This International Standard specifies a protocol and test procedures for the control by digital signals of electronic control gear associated with incandescent lamps.

Keel en

EVS-EN 62386-206:2009

Hind 188,00

Identne EN 62386-206:2009

ja identne IEC 62386-206:2009

Digital addressable lighting interface - Part 206: Particular requirements for control gear - Conversion from digital signal into d. c. voltage (device type 5)

This International Standard specifies a protocol and test methods for the control by digital signals of electronic control gear, associated with the conversion from digital signal into D.C. voltage.

Keel en

EVS-EN 62386-207:2009

Hind 243,00

Identne EN 62386-207:2009

ja identne IEC 62386-207:2009

Digital addressable lighting interface - Part 207: Particular requirements for control gear - LED modules (device type 6)

This International Standard specifies a protocol and test procedures for the control by digital signals of electronic control gear for use on a.c. or d.c. supplies, associated with LED modules.

Keel en

EVS-EN 62423:2009

Hind 229,00

Identne EN 62423:2009

ja identne IEC 62423:2007

Type B residual current operated circuit-breakers with and without integral overcurrent protection for household and similar uses (Type B RCCBs and Type B RCBOs)

The scope of IEC 61008-1 and IEC 61009-1 applies.

This standard specifies requirements and tests for type B RCDs. Requirements and tests given in this standard are in addition to the requirements of type A residual current devices. Type B RCCBs and Type B RCBOs are able to provide protection in case of alternating residual sinusoidal currents up to 1 000 Hz, pulsating direct residual currents and smooth direct residual currents in case of three phase supply. Type B RCCBs and Type B RCBOs according to this standard are not intended to be used in d.c. supply systems. Further requirements and tests for products to be used in situations where the residual current was not intended to be covered in IEC 61008-1 or IEC 61009-1 are under consideration. For the purpose of manufacturer's declaration or verification of conformity type tests should be carried out in test sequences in compliance with Annex A or Annex B of this standard. The complete test sequence for type test of Type B RCCBs and Type B RCBOs is given in Tables A.1 or B.1.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 50215:2005**

Identne EN 50215:1999

Raudteealased rakendused. Veeremi katsetamine pärast valmistamist ja enne kasutuselevõtmist

Standard määratleb üldised kriteeriumid, et katsetustega tõendada tervikliku raudteeveeremi vastavust standarditele või teistele normdokumentidele. Standard rakendub tervikuna või oma osades kogu raudteeveeremile, välja arvatud eriotstarbeline veerem, nagu rööpmepaigaldusmasinad, teetammi puhastusmasinad ja raudteepersonali veovahendid. Standardi rakendumise ulatus konkreetsele veeremile tuleb täpselt määratleda kokkuleppes. Standardi käsitusala piires saab seda rakendada järgnevale: - veeremile monteeritud abienergia generaatorseadmetele; - trollibussidel või sarnastel sõidukitel kasutatavale elektrilisele jõuülekandele; - mitte-elektrilise veojõuga veeremi juhtimis- ja abiseadmetele; - veeremile, mis ei toetu rööbastele või ei kasuta veojõu ülekandmiseks ega juhtimiseks ratta ja rööpa vahelist haardumist.

Keel et

Asendatud EVS-EN 50215:2009

KAVANDITE ARVAMUSKÜSITLUS

EN 60061-3:2001/FprA43

Identne EN 60061-3:1993/FprA43:2009
ja identne IEC 60061-3:1969/A43:200X
Tähtaeg 1.03.2010

Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliks. Osa 3: Mõõturid

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

Keel en

31 ELEKTROONIKA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 60603-7:2009

Hind 256,00

Identne EN 60603-7:2009
ja identne IEC 60603-7:2008

Elektronikaseadmete liitmikud. Osa 7: 8-pooluseliste vabade ja kohtkindlate liitmike osade spetsifikatsioon

This part of IEC 60603-7 covers 8-way unshielded free and fixed connectors, it is intended to specify the common dimensions, mechanical, electrical and environmental characteristics and tests for the family of IEC 60603-7-x connectors. These connectors are intermateable (according to IEC 61076-1 level 2) and interoperable with other IEC 60603-7 series connectors.

Keel en

Asendab EVS-EN 60603-7:2002

EVS-EN 60603-7-1:2009

Hind 188,00

Identne EN 60603-7-1:2009
ja identne IEC 60603-7-1:2009

Connectors for electronic equipment -- Part 7-1: Detail specification for 8-way, shielded, free and fixed connectors

This part of IEC 60603-7 covers 8-way shielded free and fixed connectors. It specifies the dimensions, mechanical, electrical and environmental characteristics and tests, in relation to the shield, additional to those in IEC 60603-7. These connectors are intermateable and interoperable with other IEC 60603-7 series connectors as defined in IEC 60603-7.

Keel en

Asendab EVS-EN 60603-7-1:2003

EVS-EN 60603-7-2:2009

Hind 315,00

Identne EN 60603-7-2:2009
ja identne IEC 60603-7-2:2007

Connectors for electronic equipment - Part 7-2: Detail specification for 8-way, unshielded, free and fixed connectors, for data transmissions with frequencies up to 100 MHz

This part of IEC 60603-7 covers 8-way, unshielded, free and fixed connectors, and specifies mechanical and environmental requirements, and electrical transmission requirements for frequencies up to 100 MHz. These connectors are typically used as category 5 connectors in class D cabling systems specified in ISO/IEC 11801:2002. These connectors are intermateable, interoperable, and backward compatible with other IEC 60603-7 series connectors. While the definition of interoperable is being discussed within IEC, "interoperable" in this standard means the following: The fixed and the free connector are capable of interconnecting with any IEC 60603-7 series connector, and that when it is interconnected, it fully meets all requirements of the lower frequency IEC 60603-7 series standard.

Keel en

EVS-EN 60603-7-3:2009

Hind 315,00

Identne EN 60603-7-3:2009
ja identne IEC 60603-7-3:2008

Connectors for electronic equipment - Part 7-3: Detail specification for 8-way, shielded, free and fixed connectors, for data transmission with frequencies up to 100 MHz

This part of IEC 60603 covers 8-way shielded free and fixed connectors and specifies mechanical and environmental requirements and electrical transmission requirements for frequencies up to 100 MHz. These connectors are typically used as category 5 connectors in class D cabling systems specified in ISO/IEC 11801:2002. These connectors are intermateable, interoperable, and backward compatible with other IEC 60603-7 series connectors. While the definition of interoperable is being discussed within the IEC, "interoperable" in this standard means the following: the fixed and the free connector are capable of interconnecting with any IEC 60603-7 series connector, and when it is interconnected, it fully meets all requirements of the lower frequency IEC 60603-7 series standard.

Keel en

EVS-EN 60603-7-5:2009

Hind 336,00

Identne EN 60603-7-5:2009

ja identne IEC 60603-7-5:2007

Connectors for electronic equipment -- Part 7-5: Detail specification for 8-way, shielded, free and fixed connectors, for data transmissions with frequencies up to 250 MHz

This part of IEC 60603-7 covers IEC 60603-7-5 connectors, and specifies mechanical and environmental requirements, and electrical transmission requirements for frequencies up to 250 MHz. These connectors are typically used as category 6 connectors in class E cabling systems specified in ISO/IEC 11801:2002. These connectors are intermateable, interoperable, and backward compatible with other IEC 60603-7 series connectors. While the definition of interoperable is being discussed within IEC, "interoperable" in this standard means the following: The fixed and the free connector are capable of interconnecting with any IEC 60603-7 series connector, and that when it is interconnected, it fully meets all requirements of the lower frequency IEC 60603-7 series standard.

Keel en

EVS-EN 60738-1:2006/A1:2009

Hind 80,00

Identne EN 60738-1:2006/A1:2009

ja identne IEC 60738-1:2006/A1:2009

Thermistors - Directly heated positive temperature coefficient Part 1: Generic specification

This part of IEC 60738 describes terms and methods of test for positive step-function temperature coefficient thermistors, insulated and non-insulated types typically made from ferro-electric semi-conductor materials.

Keel en

EVS-EN 60749-20:2009

Hind 198,00

Identne EN 60749-20:2009

ja identne IEC 60749-20:2009

Semiconductor devices - Mechanical and climatic test methods -- Part 20: Resistance of plastic encapsulated SMDs to the combined effect of moisture and soldering heat

This part of IEC 60749 provides a means of assessing the resistance to soldering heat of semiconductors packaged as plastic encapsulated surface mount devices (SMDs). This test is destructive.

Keel en

Asendab EVS-EN 60749-20:2003

EVS-EN 61988-2-3:2009

Hind 178,00

Identne EN 61988-2-3:2009

ja identne IEC 61988-2-3:2009

Plasma display panels - Part 2-3: Measuring methods - Image quality: Defects and degradation

This part of IEC 61988 determines the measuring methods for defects and degradation of colour plasma display (PDP) module in the following areas: a) cell defects; b) image sticking; c) luminance lifetime.

Keel en

EVS-EN 61988-3-2:2009

Hind 188,00

Identne EN 61988-3-2:2009

ja identne IEC 61988-3-2:2009

Plasma display panels - Part 3-2: Interface - Electrical interface

This part of IEC 61988 defines the electrical interface of digital video data signals, synchronization signals and functional signals between the image processing board of the PDP set and the control board of the PDP module, and defines the description of the pin assignment of the connectors.

Keel en

33 SIDETEHNIKA**UUED STANDARDID JA PUBLIKATSIOONID****CLC/TR 62453-41:2009**

Hind 504,00

Identne CLC/TR 62453-41:2009

ja identne IEC/TR 62453-41:2009

Field device tool (FDT) interface specification - Part 41: Object model integration profile - Common object model

This part of IEC 62453 defines how the common FDT principles are implemented based on the MS COM technology, including the object behavior and object interaction via COM interfaces. This part specifies the technology specific implementation of the protocol specific functionality and communication services. This part of IEC 62453 is informative, however when this part is applied its requirements shall be implemented as specified.

Keel en

EVS-EN 50173-1:2007/A1:2009

Hind 219,00

Identne EN 50173-1:2007/A1:2009

Information technology - Generic cabling systems Part 1: General requirements

This European Standard specifies: a) the structure and configuration of the backbone cabling subsystems of generic cabling systems within the types of premises defined by the other standards in the EN 50173 series; b) channel performance requirements in support of the standards in the EN 50173 series; c) link performance requirements in support of the standards in the EN 50173 series; d) backbone cabling reference implementations in support of the standards in the EN 50173 series; e) component performance requirements in support of the standards in the EN 50173 series

Keel en

EVS-EN 55011:2009

Hind 271,00

Identne EN 55011:2009

ja identne CISPR 11:2009

Tööstus-, teadus- ja meditsiiniseadmed.**Raadiosageduslike häiringute tunnussuurused.****Piirväärtused ja mõõtemetodid**

This International Standard applies to industrial, scientific and medical electrical equipment operating in the frequency range 0 Hz to 400 GHz and to domestic and similar appliances designed to generate and/or use locally radio-frequency energy. This standard covers emission requirements related to radio-frequency (RF) disturbances in the frequency range of 9 kHz to 400 GHz. Measurements need only be performed in frequency ranges where limits are specified in Clause 6. For ISM RF applications in the meaning of the definition found in the ITU Radio Regulations (see Definition 3.1), this standard covers emission requirements related to radio-frequency disturbances in the frequency range of 9 kHz to 18 GHz. Requirements for ISM RF lighting apparatus and UV irradiators operating at frequencies within the ISM frequency bands defined by the ITU Radio Regulations are contained in this standard. Equipment covered by other CISPR product and product family emission standards are excluded from the scope of this standard.

Keel en

Asendab EVS-EN 55011:2007; EVS-EN 55011:2007/A2:2007

EVS-EN 60255-26:2009

Hind 166,00

Identne EN 60255-26:2009

ja identne IEC 60255-26:2008

Measuring relays and protection equipment -- Part 26: Electromagnetic compatibility requirements

This part of IEC 60255 is applicable to measuring relays and protection equipment for power system protection, including the control, monitoring and process interface equipment used with those systems. This standard specifies the essential requirements for electromagnetic compatibility for measuring relays and protection equipment intended to be used at industrial locations. Measuring relays and protection equipment used in substations and power plants may require higher immunity test levels. For equipment not incorporating electronic circuits, for example electromechanical relays, tests according to this standard are not required. The requirements specified in this standard are applicable to measuring relays and protection equipment in a new condition and all tests specified are type tests only.

Keel en

Asendab EVS-EN 50263:2001; EVS-EN 60255-26:2005

EVS-EN 61300-2-1:2009

Hind 114,00

Identne EN 61300-2-1:2009

ja identne IEC 61300-2-1:2009

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-1: Tests - Vibration (sinusoidal)

This part of IEC 61300 evaluates the effects of vibration on fibre optic devices at the predominant frequency ranges and magnitudes that may be encountered during field service.

Keel en

Asendab EVS-EN 61300-2-1:2003

EVS-EN 61300-2-12:2009

Hind 124,00

Identne EN 61300-2-12:2009

ja identne IEC 61300-2-12:2009

Fibre optic interconnecting devices and passive components – Basic test and measurement procedures Part 2-12: Tests – Impact

The purpose of this International Standard IEC 61300-2-12 is to evaluate the ability of a passive fibre optic device or a closure to withstand impacts likely to be encountered during usage. The impact may be a localized impact, a series of impacts with hard objects, or an impact normally associated with dropping the device.

Keel en

Asendab EVS-EN 61300-2-12:2006

EVS-EN 61606-1:2009

Hind 198,00

Identne EN 61606-1:2009

ja identne IEC 61606-1:2009

Audio and audiovisual equipment - Digital audio parts - Basic measurement methods of audio characteristics - Part 1: General

This part of IEC 61606 is applicable to the basic methods of measurement of the audio characteristics of the digital audio part of audio and audiovisual equipment for all of consumer use, professional use and personal computer. The common measuring conditions and methods, described in this standard, are used for the measurement of the performance characteristics of equipment having an audio bandwidth equal to approximately one-half of the sampling frequency of a system, where the audio information is processed in the form of digital data. CD players, DAT recorders, digital amplifiers, digital sound broadcast receivers and television broadcast receivers with digital sound are examples. This standard describes test methods for equipment which has digital input with analogue output and analogue input with digital output. Future revisions of this standard will cover digital-in/digital-out and analogue-in/analogue-out tests. This standard does not apply to a lossy compression signal and also does not apply to power amplifiers.

Keel en

Asendab EVS-EN 61606-1:2004

EVS-EN 61606-2:2009

Hind 219,00

Identne EN 61606-2:2009

ja identne IEC 61606-2:2009

Audio and audiovisual equipment - Digital audio parts - Basic measurement methods of audio characteristics - Part 2: Consumer use

This part of IEC 61606 is applicable to the basic measurement methods of the audio characteristics of the digital audio part of audio and audiovisual equipment for consumer use. The common measuring conditions and methods are described in IEC 61606-1. This International Standard specify conditions and methods of measurement for consumer equipment are given in this standard.

Keel en

Asendab EVS-EN 61606-2:2004

EVS-EN 61753-086-2:2009

Hind 145,00

Identne EN 61753-086-2:2009

ja identne IEC 61753-086-2:2009

Fibre optic interconnecting devices and passive components performance standard - Part 086-2: Non-connectorised single-mode bidirectional 1490 / 1550 nm downstream 1310 nm upstream WWDM devices for category C - Controlled environment

This part of IEC 61753 contains the minimum initial performance, test and measurement requirements and severities which a fibre optic pigtailed 1 490 / 1 550 nm downstream and 1 310 nm upstream wide wavelength division multiplexing (WWDM) passive optical network (PON) device must satisfy in order to be categorized as meeting the requirements of category C (controlled environments), as defined in Annex A of IEC 61753-1. Annex B of this standard provides information concerning the function of the 1 490 / 1 550 nm downstream and 1 310 nm upstream WWDM.

Keel en

EVS-EN 62074-1:2009

Hind 229,00

Identne EN 62074-1:2009

ja identne IEC 62074-1:2009

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

This part of IEC 62074 applies to fibre optic wavelength division multiplexing (WDM) devices. These have all of the following general features: • They are passive, in that they contain no optoelectronic or other transducing elements; but they may use temperature control only the purpose to stabilize the characteristics of devices; they exclude any optical switching function. • They have three or more ports for the entry and/or exit of optical power, and share optical power among these ports in a predetermined fashion depending on the wavelength. • The ports are optical fibres or optical fibre connectors. This standard establishes uniform requirements for the optical, mechanical and environmental properties.

Keel en

EVS-EN 62134-1:2009

Hind 178,00

Identne EN 62134-1:2009

ja identne IEC 62134-1:2009

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

This part of IEC 62134 establishes uniform generic requirements for fibre optic closures. This standard does not cover test and measurement procedures, which are described in IEC 61300 series.

Keel en

Asendab EVS-EN 62134-1:2003

EVS-EN 62453-1:2009

Hind 229,00

Identne EN 62453-1:2009

ja identne IEC 62453-1:2009

Field device tool (FDT) interface specification - Part 1: Overview and guidance

This part of IEC 62453 presents an overview and guidance for the IEC 62453 series. It • explains the structure and content of the IEC 62453 series (see Clause 5); • provides explanations of some aspects of the IEC 62453 series that are common to many of the parts of the series; • describes the relationship to some other standards.

Keel en

EVS-EN 62453-2:2009

Hind 377,00

Identne EN 62453-2:2009

ja identne IEC 62453-2:2009

Field device tool (FDT) interface specification - Part 2: Concepts and detailed description

This part of IEC 62453 explains the common principles of the field device tool concept. These principles can be used in various industrial applications such as engineering systems, configuration programs and monitoring and diagnostic applications. This standard specifies the general objects, general object behavior and general object interactions that provide the base of FDT.

Keel en

EVS-EN 300 019-1-3 V2.3.2:2009

Hind 166,00

ja identne EN 300 019-1-3 V2.3.2:2009

Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 1-3: Classification of environmental conditions; Stationary use at weatherprotected locations

Keel en

EVS-EN 300 119-2 V2.2.2:2009

Hind 124,00

ja identne EN 300 119-2 V2.2.2:2009

Environmental Engineering (EE); European telecommunication standard for equipment practice; Part 2: Engineering requirements for racks and cabinets

Keel en

EVS-EN 300 468 V1.10.1:2009

Hind 356,00

ja identne EN 300 468 V1.10.1:2009

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

Keel en

EVS-EN 300 698-1 V1.4.1:2009

Hind 243,00

ja identne EN 300 698-1 V1.4.1:2009

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

Keel en

EVS-EN 300 698-2 V1.2.1:2009

Hind 155,00

ja identne EN 300 698-2 V1.2.1:2009

Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Siseveekogudel kasutatavad VHF raadiosagedusalas töötavate liikuva mereside raadiotelefonide saatjad ja vastuvõtjad; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 põhinõuete alusel

Keel en

EVS-EN 300 698-3 V1.2.1:2009

Hind 198,00

ja identne EN 300 698-3 V1.2.1:2009

Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Siseveekogudel kasutatavad VHF raadiosagedusalas töötavate liikuva mereside raadiotelefonide saatjad ja vastuvõtjad; Osa 3: Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 punkti e põhinõuete alusel

Keel en

EVS-EN 301 192 V1.5.1:2009

Hind 295,00

ja identne EN 301 192 V1.5.1:2009

Digital Video Broadcasting (DVB); DVB specification for data broadcasting

Keel en

EVS-EN 301 839-1 V1.3.1:2009

Hind 256,00

ja identne EN 301 839-1 V1.3.1:2009

Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Ultra Low Power Active Medical Implants (ULP-AMI) and Peripherals (ULP-AMI-P) operating in the frequency range 402 MHz to 405 MHz; Part 1: Technical characteristics and test methods

Keel en

EVS-EN 301 839-2 V1.3.1:2009

Hind 145,00

ja identne EN 301 839-2 V1.3.1:2009

Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Lähitoimeseadmed; Raadiosagedusalas 402 MHz kuni 405 MHz töötavad väga väikese võimsusega aktiivsed meditsiinilised implantaadid (ULP-AMI) ja nende lisatarvikud (ULP-AMI-P); Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel

Keel en

EVS-EN 302 264-1 V1.1.1:2009

Hind 219,00

ja identne EN 302 264-1 V1.1.1:2009

Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Short Range Radar equipment operating in the 77 GHz to 81 GHz band; Part 1: Technical requirements and methods of measurement

Keel en

EVS-EN 302 264-2 V1.1.1:2009

Hind 124,00

ja identne EN 302 264-2 V1.1.1:2009

Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Lähitoimeseadmed; Maanteesidesüsteemi seadmed (RTTT); Sagedusalas 77 GHz kuni 81 GHz töötavad sõidukiradarid; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel

Keel en

EVS-EN 302 307 V1.2.1:2009

Hind 295,00

ja identne EN 302 307 V1.2.1:2009

Digital Video Broadcasting (DVB); Second generation framing structure, channel coding and modulation systems for Broadcasting, Interactive Services, News Gathering and other broadband satellite applications (DVB-S2)

Keel en

EVS-EN 302 435-1 V1.3.1:2009

Hind 229,00

ja identne EN 302 435-1 V1.3.1:2009

Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Technical characteristics for SRD equipment using Ultra WideBand technology (UWB); Building Material Analysis and Classification equipment applications operating in the frequency band from 2,2 GHz to 8,5 GHz; Part 1: Technical characteristics and test methods

Keel en

EVS-EN 302 435-2 V1.3.1:2009

Hind 124,00

ja identne EN 302 435-2 V1.3.1:2009

Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM); Lähitoimeseadmed (SRD); Ultralairiba (UWB) tehnoloogiat kasutavate lähitoimeseadmete tehnilised näitajad; Raadiosagedusvahemikus 2,2 GHz kuni 8 GHz töötavad ehitusmaterjalide analüüsi ja klassifitseerimise rakendused; Osa 2: Harmoneeritud EN R&TTE direktiivi artikli 3 lõike 2 põhinõuete alusel

Keel en

EVS-EN 302 625 V1.1.1:2009

Hind 219,00

ja identne EN 302 625 V1.1.1:2009

Elektromagnetilise ühilduvuse ja raadiospektri küsimused (ERM). Suurõnnetuste korral kasutatavad 5 GHz raadiosagedusalas töötavad kriisiabi lairiba rakendused (BBDR). Harmoneeritud EN R&TTE direktiivi artikli 3.2 põhinõuete alusel

Keel en

EVS-EN 302 755 V1.1.1:2009

Hind 377,00

ja identne EN 302 755 V1.1.1:2009

Digital Video Broadcasting (DVB); Frame structure channel coding and modulation for a second generation digital terrestrial television broadcasting system (DVB-T2)

Keel en

EVS-EN 303 213-1 V1.1.1:2009

Hind 295,00

ja identne EN 303 213-1 V1.1.1:2009

Advanced Surface Movement Guidance and Control System (A-SMGCS);Part 1: Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 for A-SMGCS Level 1 including external interfaces

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 62134-1:2003

Identne EN 62134-1:2002

ja identne IEC 62134-1:2002

Fibre optic enclosures Part 1: Generic specification

Establishes generic requirements for fibre optic enclosures. Also it establishes requirements for qualification approval and quality assessment procedures. Enclosures comprise structures that protect, secure and store passive fibre optic components (comme les épissures, les connecteurs et les coupleurs optiques).

Keel en

Asendatud EVS-EN 62134-1:2009

KAVANDITE ARVAMUSKÜSITLUS

EN 300 468 V1.11.1

ja identne EN 300 468 V1.11.1

Tähtaeg 19.02.2010

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

Keel en

EN 300 113-1 V1.6.2

ja identne EN 300 113-1 V1.6.2

Tähtaeg 15.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM);Land mobile service;Radio equipment intended for the transmission of data (and/or speech) using constant or non-constant envelope modulation and having an antenna connector;Part 1: Technical characteristics and methods of measurement

Keel en

EN 300 113-2 V1.4.2

ja identne EN 300 113-2 V1.4.2

Tähtaeg 16.02.2010

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

Keel en

EN 300 119-3 V2.2.2

ja identne EN 300 119-3 V2.2.2

Tähtaeg 16.02.2010

Environmental Engineering (EE);European telecommunication standard for equipment practice;Part 3: Engineering requirements for miscellaneous racks and cabinets

Keel en

EN 300 220-1 V2.3.1

ja identne EN 300 220-1 V2.3.1

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM);Short Range Devices (SRD);Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW;Part 1: Technical characteristics and test methods

Keel en

EN 300 220-2 V2.3.1

ja identne EN 300 220-2 V2.3.1

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM);Short Range Devices (SRD);Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW;Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive

Keel en

EN 300 330-1 V1.7.1

ja identne EN 300 330-1 V1.7.1

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM);Short Range Devices (SRD);Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz;Part 1: Technical characteristics and test methods

Keel en

EN 300 330-2 V1.5.1

ja identne EN 300 330-2 V1.5.1

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM);Short Range Devices (SRD);Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz;Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

Keel en

EN 300 338-1 V1.3.1

ja identne EN 300 338-1 V1.3.1

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM);Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service;Part 1: Common requirements

Keel en

EN 300 338-2 V1.3.1

ja identne EN 300 338-2 V1.3.1

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM);Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service;Part 2: Class A/B DSC

Keel en

EN 300 338-3 V1.1.1

ja identne EN 300 338-3 V1.1.1

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM); Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service; Part 3: Class D DSC

Keel en

EN 300 338-4 V1.1.1

ja identne EN 300 338-4 V1.1.1

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM); Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service; Part 4: Class E DSC

Keel en

EN 300 373-2 V1.2.1

ja identne EN 300 373-2 V1.2.1

Tähtaeg 16.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM); Maritime mobile transmitters and receivers for use in the MF and HF bands; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive

Keel en

EN 300 373-3 V1.2.1

ja identne EN 300 373-3 V1.2.1

Tähtaeg 16.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM); Maritime mobile transmitters and receivers for use in the MF and HF bands; Part 3: Harmonized EN covering essential requirements under article 3.3(e) of the R&TTE Directive; Equipment with integrated or associated equipment for Class E Digital Selective Calling (DSC)

Keel E

EN 300 676-2 V1.4.1

ja identne EN 300 676-2 V1.4.1

Tähtaeg 16.02.2010

Ground-based VHF hand-held, mobile and fixed radio transmitters, receivers and transceivers for the VHF aeronautical mobile service using amplitude modulation; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive

Keel en

EN 301 166-1 V1.3.2

ja identne EN 301 166-1 V1.3.2

Tähtaeg 16.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment for analogue and/or digital communication (speech and/or data) and operating on narrow band channels and having an antenna connector; Part 1: Technical characteristics and methods of measurement

Keel EN

EN 301 166-2 V1.2.3

ja identne EN 301 166-2 V1.2.3

Tähtaeg 16.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment for analogue and/or digital communication (speech and/or data) and operating on narrow band channels and having an antenna connector; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive

Keel en

EN 301 649 V2.1.0

ja identne EN 301 649 V2.1.0

Tähtaeg 19.02.2010

Digital Enhanced Cordless Telecommunications (DECT); DECT Packet Radio Service (DPRS)

Keel en

EN 301 908-1 V4.1.2

ja identne EN 301 908-1 V4.1.2

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 1: Harmonized EN for IMT-2000, introduction and common requirements, covering the essential requirements of article 3.2 of the R&TTE Directive

Keel en

EN 301 908-2 V4.1.2

ja identne EN 301 908-2 V4.1.2

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 2: Harmonized EN for IMT-2000, CDMA Direct Spread (UTRA FDD and E-UTRA FDD) (UE) covering the essential requirements of article 3.2 of the R&TTE Directive

Keel en

EN 301 908-3 V4.1.2

ja identne EN 301 908-3 V4.1.2

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 3: Harmonized EN for IMT-2000, CDMA Direct Spread (UTRA FDD and E-UTRA FDD) (BS) covering the essential requirements of article 3.2 of the R&TTE Directive

Keel en

EN 301 908-4 V4.1.2

ja identne EN 301 908-4 V4.1.2

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 4: Harmonized EN for IMT-2000, CDMA Multi-Carrier (cdma2000) and Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) (UE) covering the essential requirements of article 3.2 of the R&TTE Directive

Keel en

EN 301 908-5 V4.1.2

ja identne EN 301 908-5 V4.1.2

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 5: Harmonized EN for IMT-2000, CDMA Multi-Carrier (cdma2000) and Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) (BS) covering the essential requirements of article 3.2 of the R&TTE Directive

Keel en

EN 301 908-6 V4.1.2

ja identne EN 301 908-6 V4.1.2

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 6: Harmonized EN for IMT-2000, CDMA TDD (UTRA TDD and E-UTRA TDD) (UE) covering the essential requirements of article 3.2 of the R&TTE Directive

Keel en

EN 301 908-7 V4.1.2

ja identne EN 301 908-7 V4.1.2

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 7: Harmonized EN for IMT-2000, CDMA TDD (UTRA TDD and E-UTRA TDD) (BS) covering the essential requirements of article 3.2 of the R&TTE Directive

Keel en

EN 301 908-11 V4.1.2

ja identne EN 301 908-11 V4.1.2

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 11: Harmonized EN for IMT-2000, CDMA Direct Spread (UTRA FDD and E-UTRA FDD) (Repeaters) covering the essential requirements of article 3.2 of the R&TTE Directive

Keel en

EN 301 908-12 V4.1.2

ja identne EN 301 908-12 V4.1.2

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 12: Harmonized EN for IMT-2000, CDMA Multi-Carrier (cdma2000) (Repeaters) covering the essential requirements of article 3.2 of the R&TTE Directive

Keel en

EN 301 908-13 V4.1.2

ja identne EN 301 908-13 V4.1.2

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 13: Harmonized EN for IMT-2000, Evolved Universal Terrestrial Radio Access (E-UTRA) (UE) covering the essential requirements of article 3.2 of the R&TTE Directive

Keel en

EN 301 908-14 V4.1.2

ja identne EN 301 908-14 V4.1.2

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 14: Harmonized EN for IMT-2000, Evolved Universal Terrestrial Radio Access (E-UTRA) (BS) covering the essential requirements of article 3.2 of the R&TTE Directive

Keel en

EN 301 908-15 V4.1.2

ja identne EN 301 908-15 V4.1.2

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 15: Harmonized EN for IMT-2000, Evolved Universal Terrestrial Radio Access (E-UTRA) (FDD Repeaters) covering the essential requirements of article 3.2 of the R&TTE Directive

Keel en

EN 301 908-16 V4.1.2

ja identne EN 301 908-16 V4.1.2

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 16: Harmonized EN for IMT-2000, Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) (UE) covering the essential requirements of article 3.2 of the R&TTE Directive

Keel en

EN 301 908-17 V4.1.2

ja identne EN 301 908-17 V4.1.2

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM);Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks;Part 17: Harmonized EN for IMT-2000, Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) (BS) covering the essential requirements of article 3.2 of the R&TTE Directive

Keel en

EN 302 208-1 V1.3.1

ja identne EN 302 208-1 V1.3.1

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM);Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W;Part 1: Technical requirements and methods of measurement

Keel en

EN 302 208-2 V1.3.1

ja identne EN 302 208-2 V1.3.1

Tähtaeg 19.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM);Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W;Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive

Keel en

EN 302 217-1 V1.3.1

ja identne EN 302 217-1 V1.3.1

Tähtaeg 16.02.2010

Fixed Radio Systems;Characteristics and requirements for point-to-point equipment and antennas;Part 1: Overview and system-independent common characteristics

Keel en

EN 302 217-2-1 V1.3.1

ja identne EN 302 217-2-1 V1.3.1

Tähtaeg 16.02.2010

Fixed Radio Systems;Characteristics and requirements for point-to-point equipment and antennas;Part 2-1: System-dependent requirements for digital systems operating in frequency bands where frequency co-ordination is applied

Keel en

EN 302 217-2-2 V1.3.1

ja identne EN 302 217-2-2 V1.3.1

Tähtaeg 16.02.2010

Fixed Radio Systems;Characteristics and requirements for point-to-point equipment and antennas;Part 2-2: Digital systems operating in frequency bands where frequency co-ordination is applied;Harmonized EN covering the essential requirements of Article 3.2 of the R&TTE Directive

Keel en

EN 302 217-4-1 V1.4.1

ja identne EN 302 217-4-1 V1.4.1

Tähtaeg 16.02.2010

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

Keel en

EN 302 217-4-2 V1.5.1

ja identne EN 302 217-4-2 V1.5.1

Tähtaeg 16.02.2010

Fixed Radio Systems;Characteristics and requirements for point-to-point equipment and antennas;Part 4-2: Antennas;Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

Keel en

EN 302 550-1-1 V1.1.0

ja identne EN 302 550-1-1 V1.1.0

Tähtaeg 19.02.2010

Satellite Earth Stations and Systems (SES);Satellite Digital Radio (SDR) Systems;Part 1: Physical Layer of the Radio Interface;Sub-part 1: Outer Physical Layer

Keel en

EN 302 550-1-2 V1.1.0

ja identne EN 302 550-1-2 V1.1.0

Tähtaeg 19.02.2010

Satellite Earth Stations and Systems (SES);Satellite Digital Radio (SDR) Systems;Part 1: Physical Layer of the Radio Interface;Sub-part 2: Inner Physical Layer Single Carrier Modulation

Keel en

EN 302 550-1-3 V1.1.0

ja identne EN 302 550-1-3 V1.1.0

Tähtaeg 19.02.2010

Satellite Earth Stations and Systems (SES);Satellite Digital Radio (SDR) Systems;Part 1: Physical Layer of the Radio Interface;Sub-part 3: Inner Physical Layer Multi Carrier Modulation

Keel en

EN 302 561 V1.2.1

ja identne EN 302 561 V1.2.1

Tähtaeg 16.02.2010

Electromagnetic compatibility and Radio spectrum Matters (ERM);Land Mobile Service;Radio equipment using constant or non-constant envelope modulation operating in a channel bandwidth of 25 kHz, 50 kHz, 100 kHz or 150 kHz;Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive

Keel en

EN 302 977 V1.1.1

ja identne EN 302 977 V1.1.1

Tähtaeg 19.02.2010

Satellite Earth Stations and Systems (SES);Harmonized EN for Vehicle-Mounted Earth Stations (VMES) operating in the 14/12 GHz frequency bands covering the essential requirements of article 3.2 of the R&TTE directive

Keel en

**35 INFOTEHNOLOOGIA.
KONTORISEADMED****UUED STANDARDID JA PUBLIKATSIOONID****CEN ISO/TS 19139:2009**

Hind 336,00

Identne CEN ISO/TS 19139:2009

ja identne ISO/TS 19139:2007

Geographic information - Metadata - XML schema implementation

This Technical Specification defines Geographic MetaData XML (gmd) encoding, an XML schema implementation derived from ISO 19115.

Keel en

CEN ISO/TS 12813:2009

Hind 243,00

Identne CEN ISO/TS 12813:2009

ja identne ISO/TS 12813:2009

Electronic fee collection - Compliance check communication for autonomous systems

This Technical Specification defines requirements for short-range communication for the purposes of compliance checking in autonomous electronic fee-collecting (EFC) systems. Compliance checking communication (CCC) takes place between a road vehicle's on-board equipment (OBE) and an outside interrogator (road-side mounted equipment, mobile device or hand-held unit), and serves to establish whether the data that are delivered by the OBE correctly reflect the road usage of the corresponding vehicle according to the rules of the pertinent toll regime. The operator of the compliance checking interrogator is assumed to be part of the toll charging role as defined in ISO 17573. The CCC permits identification of the OBE, vehicle and contract, and verification of whether the driver has fulfilled his obligations and the checking status and performance of the OBE. The CCC reads, but does not write, OBE data.

Keel en

CWA 16046:2009

Hind 135,00

Identne CWA 16046:2009

Adoption programme for increased electronic invoicing in European business processes

The scope of workgroup 1 in CEN/ISSS WS eINV2: • supporting to build up the planned website within the “e-invoicing gateway”; • collecting and describing best practices country by country of electronic invoices and national implementation guidelines in local language; • supporting a network of national e-invoice forums to foster communication and exchange of national best practices in electronic invoices; • drafting guidelines as to how to move towards one e-invoice address registry inside EU and bringing up best practice. In the first workshop meeting a knowledge management strategy was discussed by members of the CEN/ISSS WS phase 1. A stepwise (incremental) approach was chosen: • Step 1 is to offer all parties who are operating in the field of e-invoicing a participation possibility in an online platform where they are able to enter their profile. • Step 2 is to offer high quality information about the country specific technical, legal and operational aspects on e-invoicing and support publishing of the CEN/ISSS eINV2 WG results.

Keel en

CLC/TR 62453-61:2009

Hind 209,00

Identne CLC/TR 62453-61:2009

ja identne IEC/TR 62453-61:2009

Field device tool interface (FDT) specification - Part 61: Device type manager (DTM) - Styleguide for common object model

IEC/TR 62453-61, which is a technical report, explains the guidelines and rules for the implementation of a Device Type Manager (DTM) with regard to the user interface and its functions. These guidelines and rules are part of the FDT specification and are intended to ensure that all users are provided with clear and consistent user interface functions and features across DTM devices in a system.

Keel en

CLC/TR 62453-501:2009

Hind 315,00

Identne CLC/TR 62453-501:2009

ja identne IEC/TR 62453-501:2009

Field device tool (FDT) interface specification - Part 501: Communication implementation for common object model - IEC 61784 CPF 1

This part of IEC 62453 provides additional information for integrating the Foundation Fieldbus (FF) protocol into the COM implementation of the FDT Specification (IEC 62453-41). The document describes communication definitions, protocol specific extensions and the means for block (e.g. transducer, resource or function blocks) representation. The new protocol specific definitions are based on FF-Specifications for H1 and HSE protocols. Furthermore, the definitions contain information that is needed by systems to configure FF Devices. The scope is limited to Foundation Fieldbus device and system specific definitions. This specification neither contains the FDT specification nor modifies it.

Keel en

CLC/TR 62453-502:2009

Hind 178,00

Identne CLC/TR 62453-502:2009

ja identne IEC/TR 62453-502:2009

Field device tool (FDT) interface specification - Part 502: Communication implementation for common object model - IEC 61784 CPF 2

IEC/TR 62453-502, which is a technical report, provides information for integrating the CIP™ technology into the COM based implementation of FDT interface specification (IEC/TR 62453-5). Communication Profile Family 2 (commonly known as CIP™1) defines communication profiles based on IEC 61158-2 Type 2, IEC 61158-3-2, IEC 61158-4-2, IEC 61158-5-2, and IEC 61158-6-2, IEC 62026-3. The basic profiles CP 2/1 (ControlNet™2), CP 2/2 (EtherNet/IP™3), and CP 2/3 (DeviceNet™1) are defined in IEC 61784-1 and IEC 61784-2. An additional communication profile (CompoNet™), also based on CIP™, is defined in [13]. This part of IEC 62453 specifies communication and other services. This specification neither contains the FDT specification nor modifies it.

Keel en

CLC/TR 62453-506:2009

Hind 198,00

Identne CLC/TR 62453-506:2009

ja identne IEC/TR 62453-506:2009

Field device tool (FDT) interface specification - Part 506: Communication implementation for common object model - IEC 61784 CPF 6

This part of IEC 62453 provides information for integrating the INTERBUS®2 technology into the COM based implementation of FDT interface specification (IEC 62453-41). This part of the IEC 62453 specifies communication and other services. This specification neither contains the FDT specification nor modifies it.

Keel en

CLC/TR 62453-503-1:2009

Hind 243,00

Identne CLC/TR 62453-503-1:2009

ja identne IEC/TR 62453-503-1:2009

Field device tool (FDT) interface specification - Part 503-1: Communication implementation for common object model - IEC 61784 CP 3/1 and CP 3/2

IEC 62435-503-1, which is a technical report, provides information for integrating the PROFIBUS protocol into the FDT interface specification (IEC 62453-2). This part of IEC 62453 specifies communication and other services. This specification neither contains the FDT specification nor modifies it.

Keel en

CLC/TR 62453-503-2:2009

Hind 188,00

Identne CLC/TR 62453-503-2:2009

ja identne IEC/TR 62453-503-2:2009

Field device tool (FDT) interface specification - Part 503-2: Communication implementation for common object model - IEC 61784 CP 3/4, CP 3/5 and CP 3/6

IEC/TR 62453-503-2, which is a technical report, provides information for integrating the PROFINET^{®1} technology into the implementation of the FDT interface specification (IEC/TR 62453-41). This part of IEC 62453 specifies communication and other services. This specification neither contains the FDT specification nor modifies it.

Keel en

CLC/TR 62453-509:2009

Hind 178,00

Identne CLC/TR 62453-509:2009

ja identne IEC/TR 62453-509:2009

Field device tool (FDT) interface specification - Part 509: Communication implementation for common object model - IEC 61784 CPF 9

This part of IEC 62453 provides information for integrating the HART^{®2} technology into the FDT interface specification (IEC 62453-2). This part of IEC 62453 specifies communication and other services. This specification neither contains the FDT specification nor modifies it.

Keel en

CLC/TR 62453-515:2009

Hind 198,00

Identne CLC/TR 62453-515:2009

ja identne IEC/TR 62453-515:2009

Field device tool (FDT) interface specification - Part 515: Communication implementation for common object model - IEC 61784 CPF 15

IEC/TR 62453-515, which is a technical report, provides information for integrating IEC 61784-2 CPF 15 (Modbus TCP[®]) and Modbus Serial Line^{®1} protocol support into FDT systems based on COM implementation. This part is to be used in conjunction with IEC/TR 62453-41.

Keel en

CWA 16021:2009

Hind 219,00

Identne CWA 16021:2009

Business requirements specification - Transfer of digital records

The scope of this specification is to define a transfer process and a Submission Information Package that may be used by all records systems in all organizations when transferring records between records systems. The systems may be located in the same organization or in different organizations. The specification is primarily intended for use when transferring records from a producer to an archive, but may be used for other types of transfer.

Keel en

CWA 16036:2009

Hind 315,00

Identne CWA 16036:2009

Cyber-Identity - Unique Identification Systems For Organizations and Parts Thereof

The present document gives guidance on unique identification systems currently in use or emerging for organizations and parts thereof. This covers organizational and operational rules and processes to enable interoperability across multiple organization identification schemes. Stress is laid on the persistence or permanence of the identification, i.e. that an according identifier designates the same entity over a long period. It comprehends an analysis of existing systems and proposes recommendations on how to achieve interoperability among them by using meta-identification systems. These specifications form an umbrella over disparate schemes for business directory services in order to create a reconciled and workable framework that can be used in multiple application environments. The focus is on unique identification systems used in Europe taking into account relevant international standardisation developments.

Keel en

CWA 16047:2009

Hind 243,00

Identne CWA 16047:2009

E-Invoicing Compliance Guidelines - Commentary to the Compliance Matrix

This Commentary complements a spreadsheet-based tool (the Compliance Matrix, given in Annex 1) developed by CEN in cooperation between companies and tax administrations. The two documents together constitute a multipart CWA called E-Invoicing Compliance Guidelines Commentary and the Compliance Matrix (the Guidelines)¹.

Keel en

CWA 16048:2009

Hind 243,00

Identne CWA 16048:2009

Monitoring legal requirements for cross border e-Invoicing and Recommendation of changes in the legal environment

For e-Invoicing Phase 2, the four tasks allocated to TG2 were shared between two sub groups because of the close relationship of the tasks and to avoid unnecessary duplication of work. This CEN Workshop Agreement, 'Monitoring legal requirements for cross border e-Invoicing and Recommendation of changes in the legal environment' covers two of the main tasks of TG2; namely; Task 3 Monitoring the legal requirements in Member States as regards cross border exchange of electronic invoices; Task 4 Recommendation of changes in the legal environment for electronic invoicing. The scope of this CWA concentrates on identifying the issues and problems that are hindering business from reaping benefits from e-Invoicing in 'Intra EU Cross border trading' and providing recommendations to Member State VAT administration to review specific restrictions and controls in the legal environment to facilitate electronic invoicing.

Keel en

CWA 16049:2009

Hind 229,00

Identne CWA 16049:2009

Assessing new business processes and technologies for eInvoicing

The present CEN Workshop Agreement gives guidance for the assessment of new technologies and business processes. The result of the assessment is a high-level (approximate) analysis on how technologies and business processes can be integrated into the eInvoicing environment. The analysis shows the compliance with (legal and organisational) requirements - or the according gaps - and gives guidance for implementation to the business community. These requirements include Value Added Tax (VAT) legislation but are not limited to it. They comprehend accounting, company and commercial law, as well as any other kind of regulation. Therefore, the assessment guidelines are not only aimed at implementing VAT-compliant eInvoicing, but at eInvoicing in general. The methodology chosen consists of following a few well-defined steps. It consists of comparing the new technologies or business processes against a framework describing the eInvoicing environment.

Keel en

CWA 16050:2009

Hind 188,00

Identne CWA 16050:2009

A framework for the emerging network infrastructure of eInvoice service providers throughout Europe

When implementing electronic business and administration related documents within the supply chain, including (in particular) electronic invoicing - as well as others, many organizations decide to utilize the services from (eInvoice) service providers¹. There are several benefits from using service provider's services, some are the same for large enterprises as well as for SME's, while others are different. The major reason for SME's to use service provider services is the possibility to concentrate on their core business and utilize service provider expertise and facilities for electronic invoicing without investing too much themselves in dedicated personnel, equipment and software. Large enterprises are looking also for outsourcing and rationalizing electronic invoicing tasks. In addition to that they often want to have a single entry point for their exchange of electronic invoices.

Keel en

EVS-EN 62453-301:2009

Hind 356,00

Identne EN 62453-301:2009

ja identne IEC 62453-301:2009

Field device tool (FDT) interface specification - Part 301: Communication profile integration - IEC 61784 CPF 1

Communication Profile Family 1 (commonly known as FOUNDATION™ Fieldbus¹) defines communication profiles based on IEC 61158-2, Type 1, IEC 61158-3-1, IEC 61158-4-1, IEC 61158-5-5, IEC 61158-5-9, IEC 61158-6-5, and IEC 61158-6-9. The basic profiles CP 1/1 (FF H1) and CP 1/2 (FF HSE) are defined in IEC 61784-1. This part of IEC 62453 provides information for integrating the FOUNDATION™ Fieldbus (FF) protocol into the FDT standard (IEC 62453-2). The standard describes communication definitions, protocol specific extensions and the means for block (e.g. transducer, resource or function blocks) representation. The new protocol specific definitions are based on FF-specifications for H1 and HSE protocols. Furthermore, the definitions contain information that is needed by systems to configure FF devices. The scope is limited to FOUNDATION™ Fieldbus device and system specific definitions.

Keel en

EVS-EN 62453-306:2009

Hind 198,00

Identne EN 62453-306:2009

ja identne IEC 62453-306:2009

Field device tool (FDT) interface specification - Part 306: Communication profile integration - IEC 61784 CPF 6

Communication Profile Family 6 (commonly known as INTERBUS®¹) defines communication profiles based on IEC 61158-2 Type 8, IEC 61158-3-8, IEC 61158-4-8, IEC 61158-5-8, and IEC 61158-6-8. The basic profiles CP 6/1 (INTERBUS) and CP 6/3 (INTERBUS minimal subset) are defined in IEC 61784-1. This part of IEC 62453 provides information for integrating the INTERBUS® technology into the FDT standard (IEC 62453-2). This part of the IEC 62453 specifies communication and other services. This standard neither contains the FDT specification nor modifies it.

Keel en

EVS-EN 62453-309:2009

Hind 198,00

Identne EN 62453-309:2009

ja identne IEC 62453-309:2009

Field device tool (FDT) interface specification - Part 309: Communication profile integration - IEC 61784 CPF 9

Communication Profile Family 9 (commonly known as HART®1) defines communication profiles based on IEC 61158-5-20 and IEC 61158-6-20. The basic profile CP 9/1 is defined in IEC 61784-1. This part of IEC 62453 provides information for integrating the HART® technology into the FDT standard (IEC 62453-2). This part of the IEC 62453 specifies communication and other services. This standard neither contains the FDT specification nor modifies it.

Keel en

EVS-EN 62453-315:2009

Hind 256,00

Identne EN 62453-315:2009

ja identne IEC 62453-315:2009

Field device tool (FDT) interface specification - Part 315: Communication profile integration - IEC 61784 CPF 15

Communication Profile Family 15 (commonly known as Modbus1) defines communication profiles based on IEC 61158-5-15 and IEC 61158-6-15. The basic profile CP 15/1 (Modbus TCP) is defined in IEC 61784-1. An additional communication profile (Modbus Serial Line) is defined in [2]. This part of the IEC 62453 provides information for integrating Modbus TCP® and Modbus Serial Line® protocol support into FDT based systems. NOTE This part of IEC 62453 only specifies the mapping of Modbus parameters to FDT data types. For restrictions of protocol specific parameters concerning allowed values and concerning limitations of arrays used in the definition of FDT data types, refer to IEC 61158-5-15 and the MODBUS Application Protocol Specification.

Keel en

EVS-EN 62453-303-1:2009

Hind 271,00

Identne EN 62453-303-1:2009

ja identne IEC 62453-303-1:2009

Field device tool (FDT) interface specification - Part 303-1: Communication profile integration - IEC 61784 CP 3/1 and CP 3/2

Communication Profile 3/1 and Communication Profile 3/2 (commonly known as PROFIBUS™1) defines communication profiles based on IEC 61158-2 Type 3, IEC 61158-3-3, IEC 61158-4-3, IEC 61158-5-3, and IEC 61158-6-3. The basic profiles CP 3/1 (PROFIBUS DP) and CP 3/2 (PROFIBUS PA) are defined in IEC 61784-1. This part of IEC 62453 provides information for integrating the PROFIBUS protocol into the FDT interface specification (IEC 62453-2). This part of the IEC 62453 specifies communication and other services. This specification neither contains the FDT specification nor modifies it.

Keel en

EVS-EN 62453-303-2:2009

Hind 271,00

Identne EN 62453-303-2:2009

ja identne IEC 62453-303-2:2009

Field device tool (FDT) interface specification - Part 303-2: Communication profile integration - IEC 61784 CP 3/4, CP 3/5 and CP 3/6

Communication Profile 3/4, Communication Profile 3/5 and Communication Profile 3/6 (commonly known as PROFINET®1 IO) define communication profiles based on IEC 61158-5-10 and IEC 61158-6-10. The basic profiles CP 3/4, CP 3/5, and CP 3/6 are defined in IEC 61784-2. This part of IEC 62453 provides information for integrating the PROFINET® technology into the FDT interface (IEC 62453-2). This part of the IEC 62453 specifies communication and other services. This specification neither contains the FDT specification nor modifies it.

Keel en

EVS-EN 62453-302:2009

Hind 219,00

Identne EN 62453-302:2009

ja identne IEC 62453-302:2009

Field device tool (FDT) interface specification - Part 302: Communication profile integration - IEC 61784 CPF 2

Communication Profile Family 2 (commonly known as CIP™1) defines communication profiles based on IEC 61158-2 Type 2, IEC 61158-3-2, IEC 61158-4-2, IEC 61158-5-2, IEC 61158-6-2, and IEC 62026-3. The basic profiles CP 2/1 (ControlNet™2), CP 2/2 (EtherNet/IP™3), and CP 2/3 (DeviceNet™1) are defined in IEC 61784-1 and IEC 61784-2. An additional communication profile (CompoNet™1), also based on CIP™, is defined in [14]. This part of IEC 62453 provides information for integrating the CIP™ technology into the FDT interface specification (IEC 62453-2). This part of IEC 62453 specifies communication and other services. This specification neither contains the FDT specification nor modifies it.

Keel en

EVS-EN ISO 19126:2009

Hind 229,00

Identne EN ISO 19126:2009

ja identne ISO 19126:2009

Geographic information - Feature concept dictionaries and registers

This International Standard specifies a schema for feature concept dictionaries to be established and managed as registers. It does not specify schemas for feature catalogues or for the management of feature catalogues as registers. However, because feature catalogue are often derived from feature concept dictionaries, this International Standard does specify a schema for a hierarchical register of feature concept dictionaries and feature catalogues. These registers are in accordance with ISO 19135.

Keel en

EVS-EN ISO 24978:2009

Hind 315,00

Identne EN ISO 24978:2009

ja identne ISO 24978:2009

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

This International Standard deals with intelligent transport systems. This International Standard provides a standardized set of protocols, parameters, and a method of management of an updateable "Data Registry" to provide application layers for "ITS Safety messages" using any available wireless media.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

prEN 13710

Identne prEN 13710:2009

Tähtaeg 1.03.2010

European Ordering Rules - Ordering of characters from Latin, Greek, Cyrillic, Georgian and Armenian scripts

This European Standard specifies the order between two character strings composed of characters from the Modern European Scripts (MES) collection of ISO/IEC 10646:2003 or subsets of it.

Keel en

prEN 15876-2

Identne prEN 15876-2:2009

Tähtaeg 1.03.2010

Electronic fee collection - Conformity evaluation of on-board unit and roadside equipment to EN 15509 - Part 2: Abstract test suite

This document contains the Abstract Test Suites (ATS) to evaluate the conformity of On Board Units (OBU) and Roadside Equipment (RSE) to EN 15509. The objective of the present document is to provide a basis for conformance tests for DSRC equipment (on board units and roadside units) to enable interoperability between different equipment supplied by different manufacturers.

Keel en

prEN ISO 11354-1

Identne prEN ISO 11354-1:2009

ja identne ISO/DIS 11354-1:2009

Tähtaeg 1.03.2010

Advanced automation technologies and their applications - Part 1: Framework for enterprise interoperability

This part of ISO 11354 specifies - viewpoints for addressing stakeholder concerns for the operational levels of enterprises at which interoperability is required and - a framework for structuring these stakeholder concerns (business, process, services, data), the barriers relating to enterprise interoperability (conceptual, technology, organizational), the various kinds of solutions available and the approaches (integrated, unified, federated) to overcome barriers to interoperability. This part of ISO 11354 does not specify the specific mechanisms for the exchange of entities, nor the manner in which interoperability solutions are implemented.

Keel en

prEN ISO 12855

Identne prEN ISO 12855:2009

ja identne ISO/DIS 12855:2009

Tähtaeg 1.03.2010

Electronic fee collection - Information exchange between service provision and toll charging

The scope for the present standard covers: - EFC systems for vehicle related transport services, e.g. road user charging, parking and access control. The standard does not cover Electronic Fare Collection systems for Public Transport. It should be noted that an EFC system may include any electronic fee collection system, e.g. also systems automatically reading licence plate numbers of vehicles passing a charging point. - Exchange of information between Service Provision and Toll Charging between the Back End systems of EFC systems, e.g. - Charging Data - Administrative Data - Confirmation Data - Transfer mechanisms and supporting functions - Information objects, data syntax and semantics - Examples of data interchanges

Keel en

37 VISUAALTEHNIKA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 1010-3:2002+A1:2009

Hind 188,00

Identne EN 1010-3:2002+A1:2009

Masinate ohutus. Ohutusnõuded paberivalmistamis- ja viimistlusmasinate kavandamisele ja valmistamisele. Osa 3: Lõikemasinad KONSOLIDEERITUD TEKST

This European Standard applies to cutting machines used in paper converting: - guillotines; - three-knife trimmers; - index cutting machines; - trimmers; - rotary cutters; - round cornering machines; - label punching machines.

Keel en

Asendab EVS-EN 1010-3:2002

EVS-EN 1010-4:2004+A1:2009

Hind 271,00

Identne EN 1010-4:2004+A1:2009

Masinate ohutus. Ohutusnõuded paberivalmistamis- ja viimistlusmasinate kavandamisele ja valmistamisele. Osa 4: Raamatute köitmise, paberi ümbertöötlemise ja viimistlusseadmed KONSOLIDEERITUD TEKST

This document applies to - bookbinding machines: - stitching, riveting, eyeletting and attaching machines; - gang stitchers; - gathering machines; - perfect binders; - paper drills; - book signature presses; - book presses; - sheet folding machines; - book production lines for the production of books with hard covers; - back rounding and pressing machines; - backlining and head banding machines; - casing-in machines; - book cover crease forming machines. - paper converting machines: - machines for the production of envelopes; - machines for the production of sanitary items; - inserting machines; - counter-stackers; - paper embossing machines. - paper finishing machines: - coaters; - laminators.

Keel en

Asendab EVS-EN 1010-4:2004

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 1010-3:2002

Identne EN 1010-3:2002

Masinate ohutus. Ohutusnõuded paberivalmistamis- ja viimistlusmasinate kavandamisele ja valmistamisele. Osa 3: Lõikemasinad

This European Standard applies to cutting machines used in paper converting: - guillotines; - three-knife trimmers; - index-cutting machines; - trimmers; - rotary cutters; - round cornering machines; - label punching machines. This European Standard shall be used together with prEN 1010 :2000

Keel en

Asendatud EVS-EN 1010-3:2002+A1:2009

EVS-EN 1010-4:2004

Identne EN 1010-4:2004

Masinate ohutus. Ohutusnõuded paberivalmistamis- ja viimistlusmasinate kavandamisele ja valmistamisele. Osa 4: Raamatute köitmise, paberi ümbertöötlemise ja viimistlusseadmed

This document applies to - bookbinding machines: - stitching, riveting, eyeletting and attaching machines; - gang stitchers; - gathering machines; - perfect binders; - paper drills; - book signature presses; - book presses; - sheet folding machines; - book production lines for the production of books with hard covers; - back rounding and pressing machines.

Keel en

Asendatud EVS-EN 1010-4:2004+A1:2009

43 MAANTEESÕIDUKITE EHITUS

KAVANDITE ARVAMUSKÜSITLUS

EN 1789:2007/FprA1

Identne EN 1789:2007/FprA1:2009

Tähtaeg 1.03.2010

Meditiinilis kasutatavad liiklusvahendid ja nende varustus. Kiirabiautod

This European Standard specifies requirements for the design, testing, performance and equipping of road ambulances used for the transport and care of patients. It contains requirements for the patient's compartment. This European Standard does not cover the requirements for approval and registration of the vehicle and the training of the staff which is the responsibility of the authority/authorities in the country where the ambulance is to be registered. This European Standard is applicable to road ambulances capable of transporting at least one person on a stretcher. Requirements are specified for categories of road ambulances based in increasing order of the level of treatment that can be carried out. These are the patient transport ambulance (types A1 A2), the emergency ambulance (type B) and the mobile intensive care unit (type C). This European Standard gives general requirements for medical devices carried in road ambulances and used therein and outside hospitals and clinics in situations where the ambient conditions can differ from normal indoor conditions.

Keel en

45 RAUDTEETEHNIKA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 50215:2009

Hind 256,00

Identne EN 50215:2009

Railway applications - Rolling stock - Testing of rolling stock on completion of construction and before entry into service

This European Standard specifies general criteria to demonstrate by testing that newly constructed complete railway vehicles conform with standards or other normative documents. This standard is intended to be used as technical instructions for the processing of tests which may be needed for demonstration of certain technical requirements where they are relevant. This standard is not intended to be used as a list of approval requirements without consideration of aforementioned technical requirements. This standard, as a whole or in part, applies to all railway vehicles except special purpose vehicles such as track-laying machines, ballast cleaners and personnel carriers. The extent of application of the standard for particular vehicles will be specifically mentioned in the contract.

Keel en

Asendab EVS-EN 50215:2005

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 50215:2005

Identne EN 50215:1999

Raudteealased rakendused. Veeremi katsetamine pärast valmistamist ja enne kasutuselevõtmist

Standard määratleb üldised kriteeriumid, et katsetustega tõendada tervikliku raudteeveeremi vastavust standarditele või teistele normdokumentidele. Standard rakendub tervikuna või oma osades kogu raudteeveeremile, välja arvatud eriotstarbeline veerem, nagu rööpmepaigaldusmasinad, teetammi puhastusmasinad ja raudteepersonali veovahendid. Standardi rakendumise ulatus konkreetsele veeremile tuleb täpselt määratleda kokkuleppes. Standardi käsitusala piires saab seda rakendada järgnevale: - veeremile monteeritud abienergia generaatorseadmetele; - trollibussidel või sarnastel sõidukitel kasutatavale elektrilisele jõuülekandele; - mitte-elektrilise veojõuga veeremi juhtimis- ja abiseadmetele; - veeremile, mis ei toetu rööbastele või ei kasuta veojõu ülekandmiseks ega juhtimiseks ratta ja rööpa vahelist haardumist.

Keel et

Asendatud EVS-EN 50215:2009

KAVANDITE ARVAMUSKÜSITLUS

prEN 13231-3

Identne prEN 13231-3:2009

Tähtaeg 1.03.2010

Railway applications - Track - Acceptance of works - Part 3: Acceptance of reprofiling rails in track

This part of this European Standard lays down the technical requirements and the measurements to be made for the acceptance of work to reprofiled longitudinally and/or transversely the heads of railway rails, including the parts of switches and crossings that can be reprofiled. For acceptance purposes, two classes of longitudinal profile and three classes of transverse profile tolerance are defined. It also informs about procedures to verify reference instruments to be used for these measurements and informs about a method to approve non-reference instruments to be used for measurements. It applies to reprofiled vignole railway rails 40 kg/m and above. A form of acceptance documentation that may be used is given in Annex C.

Keel en

Asendab EVS-EN 13231-3:2006

prEN 16019

Identne prEN 16019:2009

Tähtaeg 1.03.2010

Railway applications - Automatic coupler - Performance requirements, specific interface geometry and test method

The European standard specifies the requirements for the end coupler for train sets compliant with the technical specification for Interoperability High Speed Rolling stock. It defines the minimum interface requirements in order to allow automatic coupling (mechanical and pneumatical) of two interoperable train sets of different types. The herein specified interfaces of the end coupler enable the rescue of a train set in an event of a breakdown by another interoperable trainset of different type, without the need to use an intermediate coupler adapter, accessories or component.

Keel en

prEN 16028

Identne prEN 16028:2009

Tähtaeg 1.03.2010

Railway applications - Wheel/rail friction management - Lubricants for trainborne and trackside applications

This European Standard specifies the requirements of lubricants intended for lubrication of the wheel-rail interface between the wheel flange and the rail gauge corner (active interface) applied either directly or indirectly to the wheel flange or to the rail to achieve an acceptable level of friction and wear. It covers the approval procedure, the method of testing and quality control/ monitoring of the lubricant

Keel en

49 LENNUNDUS JA KOSMOSETEHNIKA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 2240-001:2009

Hind 105,00

Identne EN 2240-001:2009

Aerospace series - Lamps, incandescent - Part 001: Technical specification

This standard specifies the characteristics of incandescent lamps for aerospace applications.

Keel en

EVS-EN 3456:2009

Hind 92,00

Identne EN 3456:2009

Aerospace series - Titanium alloy TI-P64001 (Ti-6Al-4V) - Annealed - Sheet and strip, hot rolled - a ≤ 6 mm

This European Standard specifies the requirements relating to: Titanium alloy TI-P64001 (Ti-6Al-4V) Annealed Sheet and strip, hot rolled a ≤ 6 mm for aerospace applications.

Keel en

EVS-EN 3464:2009

Hind 92,00

Identne EN 3464:2009

Aerospace series - Titanium alloy TI-P64001 (Ti-6Al-4V) - Annealed - Plate - 6 mm < a ≤ 100 mm

This European Standard specifies the requirements relating to: Titanium alloy TI-P64001 (Ti-6Al-4V) Annealed Plate 6 mm < a ≤ 100 mm for aerospace applications.

Keel en

EVS-EN 3660-036:2009

Hind 80,00

Identne EN 3660-036:2009

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 036: spacer pad for cable outlet, style Z - Product standard

This product standard defines a spacer pad, style Z, for use under the following conditions: Associated cable outlet(s) : EN 3660-002 Temperature range : - 65 °C to 200 °C

Keel en

EVS-EN 3660-037:2009

Hind 80,00

Identne EN 3660-037:2009

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 037: bushing strip, elastomer, for cable outlet, style Z Product standard

This product standard defines a bushing strip, style Z, for use under the following conditions: Associated cable outlet (s) : EN 3660-002 Temperature range : - 65 °C to 200 °C

Keel en

EVS-EN 4113:2009

Hind 105,00

Identne EN 4113:2009

Aerospace series - Clamps, loop ("P" type) in corrosion resisting steel, passivated with rubber cushioning - Dimensions, masses

This European Standard specifies the required characteristics of loop style clamps ("P" type) in corrosion resisting steel, passivated with various cushion materials. These clamps are used for supporting aerospace pipe assemblies and electrical cable bundles. For temperature range and environmental considerations see the various cushion material standards.

Keel en

Asendab EVS-EN 4113:2002

EVS-EN 4114:2009

Hind 105,00

Identne EN 4114:2009

Aerospace series - Clamps, loop ("P" type) in aluminium alloy with rubber cushioning - Dimensions, masses

This European Standard specifies the required characteristics of loop style clamps ("P" type) in aluminium alloy with various cushion materials. These clamps are used for supporting aerospace pipe assemblies and electrical cable bundles. They are used up to 80 °C max. Usage at a higher temperature is at the option of the user. For temperature range and environmental considerations, see the various cushion material standards.

Keel en

Asendab EVS-EN 4114:2002

EVS-EN 4234:2009

Hind 92,00

Identne EN 4234:2009

Aerospace series - Clamps, worm drive - Dimensions, masses

This standard specifies the characteristics of worm drive clamps designed for use with suitable rubber hoses to form joints in fluid system pipelines for aerospace applications.

Keel en

Asendab EVS-EN 4234:2006

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 4113:2002**

Identne EN 4113:2001

Aerospace series - Clamps, loop ("P" type) in corrosion resisting steel, passivated with rubber cushioning - Dimensions, masses

This standard specifies the requirements of loop style clamps ("P" type) in corrosion resisting steel, passivated with various cushion materials. These clamps are used for supporting aerospace pipe assemblies and electrical cable bundles.

Keel en

Asendatud EVS-EN 4113:2009

EVS-EN 4114:2002

Identne EN 4114:2001

Aerospace series - Clamps, loop ("P" type) in aluminium alloy with rubber cushioning - Dimensions, masses

This standard specifies the requirements characteristics of loop style clamps ("P" type) in aluminium alloys with various cushion materials. These clamps are used for supporting aerospace pipe assemblies and cable bundles.

Keel en

Asendatud EVS-EN 4114:2009

EVS-EN 4234:2006

Identne EN 4234:2006

Aerospace series - Clamps, worm drive - Dimensions, masses

This standard specifies the characteristics of worm drive clamps designed for use with suitable rubber hoses to form joints in fluid system pipelines for aerospace applications.

Keel en

Asendatud EVS-EN 4234:2009

KAVANDITE ARVAMUSKÜSITLUS**FprEN 2240-031**

Identne FprEN 2240-031:2009

Tähtaeg 1.03.2010

Aerospace series - Lamps, incandescent - Part 031: Lamp, code 356 - Product standard

This European Standard specifies the required characteristics for lamp, code 356, for aerospace applications. It shall be used together with EN 2756.

Keel en

FprEN 2240-032

Identne FprEN 2240-032:2009

Tähtaeg 1.03.2010

Aerospace series - Lamps, incandescent - Part 032: Lamp, code 376 - Product standard

This European Standard specifies the required characteristics for lamp, code 376, for aerospace applications. It shall be used together with EN 2756.

Keel en

FprEN 2240-034

Identne FprEN 2240-034:2009

Tähtaeg 1.03.2010

Aerospace series - Lamps, incandescent - Part 034: Lamp, code 382 - Product standard

This European Standard specifies the required characteristics for lamp, code 382, for aerospace applications. It shall be used together with EN 2756.

Keel en

FprEN 2240-035

Identne FprEN 2240-035:2009

Tähtaeg 1.03.2010

Aerospace series - Lamps, incandescent - Part 035: Lamp, code 387 - Product standard

This European Standard specifies the required characteristics for lamp, code 387, for aerospace applications. It shall be used together with EN 2756.

Keel en

FprEN 2240-036

Identne FprEN 2240-036:2009

Tähtaeg 1.03.2010

Aerospace series - Lamps, incandescent - Part 036: Lamp, code 388 - Product standard

This standard specifies the required characteristics for lamp, code 388, for aerospace applications. It shall be used together with EN 2756.

Keel en

FprEN 2240-037

Identne FprEN 2240-037:2009

Tähtaeg 1.03.2010

Aerospace series - Lamps, incandescent - Part 037: Lamp, code 394 - Product standard

This European Standard specifies the required characteristics for lamp, code 394, for aerospace applications. It shall be used together with EN 2756.

Keel en

FprEN 2240-038

Identne FprEN 2240-038:2009

Tähtaeg 1.03.2010

Aerospace series - Lamps, incandescent - Part 038: Lamp, code 401 - Product standard

This European Standard specifies the required characteristics for lamp, code 401, for aerospace applications. It shall be used together with EN 2756.

Keel en

FprEN 2240-039

Identne FprEN 2240-039:2009

Tähtaeg 1.03.2010

Aerospace series - Lamps, incandescent - Part 039: Lamp, code 600 - Product standard

This European Standard specifies the required characteristics for lamp, code 600, for aerospace applications. It shall be used together with EN 2756.

Keel en

FprEN 2240-040

Identne FprEN 2240-040:2009

Tähtaeg 1.03.2010

Aerospace series - Lamps, incandescent - Part 040: Lamp, code 680 - Product standard

This European Standard specifies the required characteristics for lamp, code 680, for aerospace applications. It shall be used together with EN 2756.

Keel en

FprEN 2240-041

Identne FprEN 2240-041:2009

Tähtaeg 1.03.2010

Aerospace series - Lamps, incandescent - Part 041: Lamp, code 682 - Product standard

This European Standard specifies the required characteristics for lamp, code 682, for aerospace applications. It shall be used together with EN 2756.

Keel en

FprEN 2240-042

Identne FprEN 2240-042:2009

Tähtaeg 1.03.2010

Aerospace series - Lamps, incandescent - Part 042: Lamp, code 683 - Product standard

This European Standard specifies the required characteristics for lamp, code 683, for aerospace applications. It shall be used together with EN 2756.

Keel en

FprEN 2240-043

Identne FprEN 2240-043:2009

Tähtaeg 1.03.2010

Aerospace series - Lamps, incandescent - Part 043: Lamp, code 685 - Product standard

This European Standard specifies the required characteristics for lamp, code 682, for aerospace applications. It shall be used together with EN 2756.

Keel en

FprEN 2240-044

Identne FprEN 2240-044:2009

Tähtaeg 1.03.2010

Aerospace series - Lamps, incandescent - Part 044: Lamp, code 713 - Product standard

This European Standard specifies the required characteristics for lamp, code 713, for aerospace applications. It shall be used together with EN 2756.

Keel en

FprEN 2240-045

Identne FprEN 2240-045:2009

Tähtaeg 1.03.2010

Aerospace series - Lamps, incandescent - Part 045: Lamp, code 714 - Product standard

This European Standard specifies the required characteristics for lamp, code 714, for aerospace applications. It shall be used together with EN 2756.

Keel en

FprEN 2240-046

Identne FprEN 2240-046:2009

Tähtaeg 1.03.2010

Aerospace series - Lamps, incandescent - Part 046: Lamp, code 715 - Product standard

This European Standard specifies the required characteristics for lamp, code 715, for aerospace applications. It shall be used together with EN 2756.

Keel en

FprEN 2240-047

Identne FprEN 2240-047:2009

Tähtaeg 1.03.2010

Aerospace series - Lamps, incandescent - Part 047: Lamp, code 718 - Product standard

This standard specifies the required characteristics for lamp, code 718, for aerospace applications. It shall be used together with EN 2756.

Keel en

FprEN 2240-048

Identne FprEN 2240-048:2009

Tähtaeg 1.03.2010

Aerospace series - Lamps, incandescent - Part 048: Lamp, code 718 NPC - Product standard

This European Standard specifies the required characteristics for lamp, code 718 NPC, with nickel-plated contact for aerospace applications. It shall be used together with EN 2756.

Keel en

FprEN 2240-049

Identne FprEN 2240-049:2009

Tähtaeg 1.03.2010

Aerospace series - Lamps, incandescent - Part 049: Lamp, code 757 - Product standard

This European Standard specifies the required characteristics for lamp, code 757, for aerospace applications. It shall be used together with EN 2756.

Keel en

FprEN 2240-050

Identne FprEN 2240-050:2009

Tähtaeg 1.03.2010

Aerospace series - Lamps, incandescent - Part 050: Lamp, code 1064 - Product standard

This European Standard specifies the required characteristics for lamp, code 1064, for aerospace applications. It shall be used together with EN 2756.

Keel en

FprEN 2240-033

Identne FprEN 2240-033:2009

Tähtaeg 1.03.2010

Aerospace series - Lamps, incandescent - Part 033: Lamp, code 377 - Product standard

This European Standard specifies the required characteristics for lamp, code 377, for aerospace applications. It shall be used together with EN 2756.

Keel en

FprEN 2434-001

Identne FprEN 2434-001:2009

Tähtaeg 1.03.2010

Aerospace series - Paints and varnishes - Two component cold curing polyurethane finish - Part 001: Basic requirements

This European Standard specifies the basic requirements for a two component polyurethane finish, available in a range of colours and levels of gloss, to be applied over a primer for aerospace applications. The properties specified in this standard are obtained on defined aluminium alloy test pieces prepared in accordance with EN 3837 Procedure A and EN 23270 and painted with primer to prEN 2435-02. The ability of the material to be used for a specific application (e.g. alternative substrate, alternative primer, specific drying conditions etc.) shall be determined by supplementary tests to confirm that the requirements of this standard are met.

Keel en

FprEN 2434-002

Identne FprEN 2434-002:2009

Tähtaeg 1.03.2010

Aerospace series - Paints and varnishes - Two component cold curing polyurethane finish - Part 002: High chemical resistance

This European Standard specifies the requirements for a two component polyurethane finish to be applied over a primer for interior and exterior aerospace applications, where maximum resistance to normal operational fluids is required. The properties specified in this standard are obtained on defined aluminium alloy test pieces prepared in accordance with EN 3837 Procedure A and EN 23270 and painted with primer to prEN 2435-02. The ability of the material to be used for a specific application (e.g. alternative substrate, alternative primer, specific drying conditions etc.) shall be determined by supplementary tests to confirm that the requirements of this standard are met.

Keel en

FprEN 2434-003

Identne FprEN 2434-003:2009

Tähtaeg 1.03.2010

Aerospace series - Paints and varnishes - Two component cold curing polyurethane finish - Part 003: Flexible and high fluid resistance for interior

This European Standard specifies the requirements for a two component polyurethane finish, in a limited range of colours, to be applied over a primer for interior aerospace applications, offering flexibility and high resistance to fluid attack. The properties specified in this standard are obtained on defined aluminium alloy test pieces prepared in accordance with EN 3837 and EN 23270 and painted with primer to prEN 2435-03. The ability of the material to be used for a specific application (e.g. alternative substrate, alternative primer, specific drying conditions etc.) shall be determined by supplementary tests to confirm that the requirements of this standard are met.

Keel en

FprEN 2434-004

Identne FprEN 2434-004:2009

Tähtaeg 1.03.2010

Aerospace series - Paints and varnishes - Two component cold curing polyurethane finish - Part 004: High flexibility

This European Standard specifies the requirements for a two component polyurethane finish to be applied over a primer mainly for exterior aerospace applications, offering high flexibility. The properties specified in this standard are obtained on defined aluminium alloy test pieces prepared in accordance with EN 3837 and EN 23270 and painted with primer to prEN 2435-02. The ability of the material to be used for a specific application (e.g. alternative substrate, alternative primer, specific drying conditions etc.) shall be determined by supplementary tests to confirm that the requirements of this standard are met.

Keel en

FprEN 2954-001

Identne FprEN 2954-001:2009

Tähtaeg 1.03.2010

Aerospace series - Macrostructure of titanium and titanium alloy wrought products - Part 001: General requirements

This European Standard specifies the conditions for the macrographic examination of titanium and titanium alloy bar, section, forging stock and forgings. Specific macrostructures are defined in EN 2954-002. This standard shall be applied in conjunction with EN material standards and technical specifications, which define the acceptance criteria unless otherwise specified on the order.

Keel en

FprEN 2954-002

Identne FprEN 2954-002:2009

Tähtaeg 1.03.2010

Aerospace series - Macrostructure of titanium and titanium alloy wrought products - Part 002: Macrostructure of bar, section, forging stock and forgings

This standard contains pictures of the macrostructure of bar, section, forging stock and forgings for titanium and titanium alloy wrought products. This standard shall be used in conjunction with EN 2954-001.

Keel en

FprEN 4637

Identne FprEN 4637:2009

Tähtaeg 1.03.2010

Aerospace series - Blast media - White corundum

This European Standard specifies the characteristics of white corundum used as blast media for aerospace applications.

Keel en

FprEN 4638

Identne FprEN 4638:2009

Tähtaeg 1.03.2010

Aerospace series - Blast media - Brown corundum

This European Standard specifies the characteristics of brown corundum without iron used as blast media for aerospace applications.

Keel en

FprEN 4650

Identne FprEN 4650:2009

Tähtaeg 1.03.2010

Aerospace series - Wire and cable marking process, UV Laser

This European Standard is applicable to the marking of aerospace vehicle electrical wires and cables using ultraviolet (UV) lasers. This standard specifies the process requirements for the implementation of UV laser marking of aerospace electrical wire and cable and fibre optic cable to achieve an acceptable quality mark using equipment designed for UV laser wire marking of identification codes on aircraft wire and cable subject to EN 3475-100 Aerospace series – Cables, electrical, aircraft use – Test methods – Part 100: General. Wiring specified as UV laser markable and which has been marked in accordance with this standard will conform to the requirements of EN 3838.

Keel en

FprEN 4662

Identne FprEN 4662:2009

Tähtaeg 1.03.2010

Aerospace series - Test specification for vibration control components

This European Standard specifies the procedure and the parameter for testing static and dynamic stiffness of vibration control components (e.g. shock mounts with bushes). This European Standard applies to vibration control components all installed for aircraft applications. It may also be applied when referred to in the product standard or in a design specification.

Keel en

53 TÕSTE- JA TEISALDUS-SEADMED**UUED STANDARDID JA PUBLIKATSIOONID****EVS-EN 14492-1:2006+A1:2009**

Hind 315,00

Identne EN 14492-1:2006+A1:2009

Kraanad. Elektrilised vintsid ja tõstemehhanismid.**Osa 1: Elektrilised tõstemehhanismid****KONSOLIDEERITUD TEKST**

This European Standard is applicable to the design, information for use, maintenance and testing of power driven winches for which the prime mover is an electric motor, hydraulic motor, internal combustion motor or pneumatic motor. They are designed for the lifting and lowering of loads which are suspended on hooks or other load handling devices or for the lifting and lowering of loads on inclined planes or the exclusive pulling of loads on planes which are normally horizontal.

Keel en

Asendab EVS-EN 14492-1:2006

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 14492-1:2006**

Identne EN 14492-1:2006

Kraanad. Elektrilised vintsid ja tõstemehhanismid.**Osa 1: Elektrilised tõstemehhanismid**

This European Standard is applicable to the design, information for use, maintenance and testing of power driven winches for which the prime mover is an electric motor, hydraulic motor, internal combustion motor or pneumatic motor. They are designed for the lifting and lowering of loads which are suspended on hooks or other load handling devices or for the lifting and lowering of loads on inclined planes or the exclusive pulling of loads on planes which are normally horizontal.

Keel en

Asendatud EVS-EN 14492-1:2006+A1:2009

KAVANDITE ARVAMUSKÜSITLUS**EN 1808:1999/FprA1**

Identne EN 1808:1999/FprA1:2009

Tähtaeg 1.03.2010

Ripp(juurdepääsu)seadmete ohutusnõuded.**Kavandamisarvutused, stabiilsuskriteeriumid, valmistamine, katsed**

This standard specifies the safety requirements of Suspended Access Equipment (SAE).

Keel en

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 415-3:1999+A1:2009

Hind 315,00

Identne EN 415-3:1999+A1:2009

Pakkemasinate ohutus. Osa 3: Vormi-, täite- ja sulgemismasinad KONSOLIDEERITUD TEKST

This European Standard establishes safety requirements for form, fill and seal packaging machines and the filling machines which are particularly associated with them. This group of machines is defined in detail in clause 3 of this standard, with diagrams illustrating examples of the principle of operation of each machine type. However briefly, this standard covers the following broad groups of machines: - horizontal form, fill and seal machines; - vertical form, fill and seal machines; - pre-made bag erect fill and seal machines; - mandrel flexible package or carton form, fill and seal machines; - carton erect, fill and close machines; - thermoform, fill and seal machines. Filling machines commonly fitted to form, fill and seal machines including: - auger fillers; - volumetric cup fillers; - volumetric piston fillers; - counters; - gravimetric fillers (weighers).

Keel en

Asendab EVS-EN 415-3:2000

EVS-EN 415-5:2006+A1:2009

Hind 336,00

Identne EN 415-5:2006+A1:2009

Pakkemasinate ohutus. Osa 5: Pakendamismasinad KONSOLIDEERITUD TEKST

This European Standard applies to the following groups of machines: - wrapping machines which partially wrap products (see Figures 1-4) - wrapping machines which form a complete wrap without sealing (see Figures 5-7) - wrapping machines which form a complete wrap with sealing (see Figures 8-14) - shrinking equipment which is connected to wrapping machines covered by this standard (see Figures 15-16)

Keel en

Asendab EVS-EN 415-5:2006

EVS-EN 415-6:2006+A1:2009

Hind 68,00

Identne EN 415-6:2006+A1:2009

Pakkemasinate ohutus. Osa 6: Kaubaaluste pakkemasinad KONSOLIDEERITUD TEKST

This standard applies to the following groups of machines: - pallet banding machines; - stretch film pallet wrapping machines; - stretch film hood application machines; - mobile stretch film wrapping machines; - semi automatic self driving stretch film wrapping machines; - shrink film pallet wrapping machines; - shrink film hood application machines; - film removing machines; - shrinking systems; - sleeve wrapping machines for product greater than 400 mm in one direction; - product centralising machines.

Keel en

Asendab EVS-EN 415-6:2007

EVS-EN 1230-1:2009

Hind 105,00

Identne EN 1230-1:2009

Paper and board intended to come into contact with foodstuffs - Sensory analysis - Part 1: Odour

This European Standard specifies the test method for assessment of the odour released by a paper or board sample. It is applicable to all kinds of paper and board, including coated and/or printed material, intended to come into direct or indirect contact with foodstuffs. It is not applicable for the determination of consumers' preference.

Keel en

Asendab EVS-EN 1230-1:2001

EVS-EN 1230-2:2009

Hind 135,00

Identne EN 1230-2:2009

Paper and board intended to come into contact with foodstuffs - Sensory analysis - Part 2: Off-flavour (taint)

This European Standard specifies whether a paper or board sample contains substances which may be transmitted through the air space to a test substance and affect its taste. It is applicable to all kinds of paper and board, including coated and printed material, intended to come into contact with foodstuffs. It is not applicable for the determination of consumers' preference.

Keel en

Asendab EVS-EN 1230-2:2001

EVS-EN ISO 9100-2:2005/AC:2009

Hind 0,00

Identne EN ISO 9100-2:2005/AC:2009

ja identne ISO 9100-2:2005/Cor 1:2009

Glass containers - Vacuum lug finishes - Part 2: 33 medium

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 415-3:2000

Identne EN 415-3:1999

Pakkemasinate ohutus. Osa 3: Vormi-, täite- ja sulgemismasinad

This European standard establishes safety requirements for form, fill and seal packaging machines and the filling machines which are particularly associated with them.

This group of machines is defined in detail in clause 3 of this standard, with diagrams illustrating examples of the principle of operation of each machine type.

Keel en

Asendatud EVS-EN 415-3:1999+A1:2009

EVS-EN 415-5:2006

Identne EN 415-5:2006

Pakkemasinate ohutus. Osa 5: Pakendamismasinad

This European Standard specifies safety requirements for wrapping machines; it applies to: - wrapping machines which partially wrap products (see figures 1-4) - wrapping machines which form a complete wrap without sealing (see figures 5-7) - wrapping machines which form a complete wrap with sealing (see figures 8-14) - shrink tunnels which are connected to wrapping machines covered by this standard (see figures 15-16)

Keel en

Asendatud EVS-EN 415-5:2006+A1:2009

EVS-EN 415-6:2007

Identne EN 415-6:2006

Pakkemasinate ohutus. Osa 6: Kaubaaluste pakkemasinad

This standard applies to the following groups of machines: - pallet banding machines; - stretch film pallet wrapping machines; - stretch film hood application machines; - mobile stretch film wrapping machines; - semi automatic self driving stretch film wrapping machines; - shrink film pallet wrapping machines; - shrink film hood application machines; - film removing machines; - shrinking systems; - sleeve wrapping machines for product greater than 400 mm in one direction; - product centralising machines.

Keel en

Asendatud EVS-EN 415-6:2006+A1:2009

EVS-EN 1230-2:2001

Identne EN 1230-2:2001+AC:2002

Paper and board intended for contact with foodstuffs - Sensory analysis - Part 2: Off-flavour (taint)

This European Standard specifies whether a paper or board sample contains substances which may be transmitted through the air space to a rest substance and affect its taste. It is applicable to all kinds of paper and board, including coated and printed material, intended to come into contact with foodstuffs. It is not applicable for the determination of consumers' preference.

Keel en

Asendatud EVS-EN 1230-2:2009

EVS-EN 1230-1:2001

Identne EN 1230-1:2001

Paper and board intended for contact with foodstuffs - Sensory analysis - Part 1: Odour

This European Standard specifies the test method for assessment of the odour released by a paper or board sample. It is applicable to all kinds of paper and board, including coated and/or printed material, intended to come into direct or indirect contact with foodstuffs. It is not applicable for the determination of consumers' preference.

Keel en

Asendatud EVS-EN 1230-1:2009

59 TEKSTIILI- JA NAHATEHNOLOOGIA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN ISO 105-B08:2000/A1:2009

Hind 68,00

Identne EN ISO 105-B08:1999/A1:2009

ja identne ISO 105-B08:1995/Amd 1:2009

Tekstiil. Värvipüsivuse katsetamine. Osa B08: Villase sinietaalonskaala 1-7 kvaliteediohje

This part of ISO 105 describes a method for carrying out quality control of production batches of the blue wool reference materials 1 to 7 which are to be used in the appropriate parts of ISO 105-B series of test methods for colour fastness to light.

Keel en

EVS-EN ISO 105-G02:2000/AC:2009

Identne EN ISO 105-G02:1997/AC:2009

ja identne ISO 463:1993/Cor.2:2009

Tekstiil. Värvipüsivuse katsetamine. Osa G02: Värvipüsivus heitgaasi toimele

Keel en

EVS-EN ISO 105-J03:2009

Hind 124,00

Identne EN ISO 105-J03:2009

ja identne ISO 105-J03:2009

Tekstiil. Värvipüsivuse katsetamine. Osa J03: Värvuse erinevuse arvutamine

This part of ISO 105 provides a method of calculating the colour difference between two specimens of the same material, measured under the same conditions, such that the numerical value $\Delta E_{cmc}(l:c)$ for the total colour difference quantifies the extent to which the two specimens do not match. It permits the specification of a maximum value (tolerance) which depends only on the closeness of match required for a given end-use and not on the colour involved, nor on the nature of the colour difference. The method also provides a means for establishing the ratio of differences in lightness to chroma and to hue.

Keel en

Asendab EVS-EN ISO 105-J03:2000

EVS-EN ISO 27587:2009

Hind 105,00

Identne EN ISO 27587:2009

ja identne ISO 27587:2009

Leather - Chemical tests - Determination of the free formaldehyde in process auxiliaries

This International Standard specifies a method for the determination of free formaldehyde in process auxiliaries for leather. The analytical result obtained according to this procedure is expressed in milligrams per kilogram (mg/kg) sample. The upper limit of quantification of the method is given by the capacity of the cartridge (total carbonyls 6 400 µg/cartridge).

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN ISO 105-J03:2000

Identne EN ISO 105-J03:1997

ja identne ISO 105-J03:1995 + Cor. 1:1996

Tekstiil. Värvipüsivuse katsetamine. Osa J03: Värvuse erinevuse arvutamine

See standard näeb ette meetodi värvuse erinevuse arvutamiseks kahe samast materjalist näidise vahel, mis on mõõdetud samades tingimustes nii, et kogu värvitoonivahe arvuline väärtus iseloomustab seda suurst, mille võrra kaks näidist erinevad. See võimaldab määrata maksimaalset väärtust (lubatud piirhälvet), mis sõltub ainult erinevuse suurusest ja ei sõltu ei asjassepuutuvast värvusest ega värvuse erinevuse olemusest. Standard näeb ette ka vahendid varjundi erinevuste määramiseks nii värvuse sügavuse kui ka värvitooni osas.

Keel en

Asendatud EVS-EN ISO 105-J03:2009

KAVANDITE ARVAMUSKÜSITLUS

FprEN ISO 3175-1

Identne FprEN ISO 3175-1:2009
ja identne ISO/FDIS 3175-1:2009
Tähtaeg 1.03.2010

Textiles - Professional care, drycleaning and wetcleaning of fabrics and garments - Part 1: Assessment of performance after cleaning and finishing

This part of ISO 3175 specifies a method for assessing textile articles which have been tested according to ISO 3175-2. Fabric and garment properties, which can change on drycleaning and finishing, are identified and methods for assessing change using existing International Standards are given as appropriate. Other properties which are also important, but for which there are no International Standards providing methods of assessment, are indicated in Annex A, together with advice on how to proceed on their assessment.

Keel en

Asendab EVS-EN ISO 3175-1:2001

FprEN ISO 3175-2

Identne FprEN ISO 3175-2:2009
ja identne ISO/FDIS 3175-2:2009
Tähtaeg 1.03.2010

Textiles - Professional care, drycleaning and wetcleaning of fabrics and garments - Part 2: Procedure for testing performance when cleaning and finishing using tetrachloroethene

This part of ISO 3175 specifies drycleaning procedures for tetrachloroethene (perchloroethylene), using commercial drycleaning machines, for fabrics and garments. It comprises a procedure for normal materials and procedures for sensitive and very sensitive materials.

Keel en

FprEN ISO 6179

Identne FprEN ISO 6179:2009
ja identne ISO/FDIS 6179:2009
Tähtaeg 1.03.2010

Rubber, vulcanized or thermoplastic - Rubber sheets and rubber-coated fabrics - Determination of transmission rate of volatile liquids (gravimetric technique)

This International Standard specifies two methods for determining, by measurement of the transmission rate, the permeability of rubber to volatile liquids diffusing into open air. It is applicable only to materials in sheet form and to coated fabrics having thicknesses between 0,2 mm and 3,0 mm. It is restricted to transmission rates of more than 0,1 g/m²·h. The methods are particularly useful for comparing the relative transmission rates of one liquid through different materials, or of several liquids through one material. Method A, with refilling, is used when testing mixtures of liquids which give different transmission rates. Method B, with no refilling, is used for a single-component liquid.

Keel en

Asendab EVS-EN ISO 6179:2001

FprEN ISO 11058

Identne FprEN ISO 11058:2009
ja identne ISO/FDIS 11058:2009
Tähtaeg 1.03.2010

Geotekstiil ja samalaadsed tooted. Veeläbilaskvuse tavakarakteristikute määramine ilma koormuseta

This International Standard specifies two test methods for determining the water permeability characteristics of a single layer of geotextile or geotextile-related product normal to the plane: a) the constant head method; b) the falling head method.

Keel en

Asendab EVS-EN ISO 11058:1999

FprEN ISO 12958

Identne FprEN ISO 12958:2009
ja identne ISO/FDIS 12958:2009
Tähtaeg 1.03.2010

Geotekstiil ja samalaadsed tooted. Vee läbilaskevõime määramine

This International Standard specifies a method for determining the constant-head water flow capacity within the plane of a geotextile or geotextile-related product.

Keel en

Asendab EVS-EN ISO 12958:1999

FprEN ISO 14419

Identne FprEN ISO 14419:2009
ja identne ISO/FDIS 14419:2009
Tähtaeg 1.03.2010

Tekstiil. Õlitõrjuvus. Süsivesinikukestus

This International Standard is applicable to the evaluation of a substrate's resistance to absorption of a selected series of liquid hydrocarbons of different surface tensions. This International Standard is intended to provide a guide to oil stain resistance. It can provide a rough index of oil stain resistance as, generally, the higher the oil repellency grade, the better resistance to staining by oily materials, especially liquid oil substances. This is particularly true when comparing various finishes for a given substrate. This International Standard can also be utilized in determining if washing and/or drycleaning treatments have any adverse effect on the oil repellency characteristics of a substrate.

Keel en

Asendab EVS-EN ISO 14419:2000/AC:2006; EVS-EN ISO 14419:2000

FprEN ISO 17234-1

Identne FprEN ISO 17234-1:2009
ja identne ISO/FDIS 17234-1:2009
Tähtaeg 1.03.2010

Leather - Chemical tests for the determination of certain azo colorants in dyed leathers - Part 1: Determination of certain aromatic amines derived from azo colorants

This part of ISO 17234 specifies a method for determining the use of certain azo colorants which may release certain aromatic amines.

Keel en

prEN ISO 105-B10

Identne prEN ISO 105-B10:2009
ja identne ISO/DIS 105-B10:2009
Tähtaeg 1.03.2010

Tekstiil. Värvipüsivuse katsed. Osa B10: Ilmastikumõjutuste imiteerimine. Mõjutamine filtreeritud ksenoonkaarekiirgusega

This part of ISO 105 specifies a procedure for exposing textiles to artificial weathering in xenon-arc apparatus, including the action of liquid water and water vapour, in order to determine the weather resistance of the colour of textiles. The exposure is carried out in a test chamber with a filtered xenon-arc light source simulating solar spectral irradiance according to CIE No. 85 Table 4. The method can be used either for determining the colour fastness or the ageing behaviour of the textile under test. The method is also applicable to white (bleached or optically brightened) textiles.

Keel en

65 PÕLLUMAJANDUS

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 786:1996+A2:2009

Hind 209,00

Identne EN 786:1996+A2:2009

Aiapidamisseadmed. Eeslükatavad ja käeshoitavad elektriamiga murutrimmerid ja muruservatrimmerid. Mehaaniline ohutus KONSOLIDEERITUD TEKST

This European Standard specifies mechanical safety requirements and testing for the design and construction of electrically powered walk-behind and hand-held lawn trimmers and lawn edge trimmers, with cutting element(s) of non-metallic filament line or freely pivoting non-metallic cutter(s) with a kinetic energy of not more than 10 J each, and used by a standing operator primarily for cutting grass.

Keel en

Asendab EVS-EN 786:2005

EVS-EN 13525:2005+A2:2009

Hind 229,00

Identne EN 13525:2005+A2:2009

Metsandusmasinad. Puiduhakkurid. Ohutus KONSOLIDEERITUD TEKST

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

Asendab EVS-EN 13525:2005+A1:2007

EVS-EN 14018:2005+A1:2009

Hind 188,00

Identne EN 14018:2005+A1:2009

Põllumajandus- ja metsatöömasinad. Külvimasinad. Ohutus KONSOLIDEERITUD TEKST

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. When requirements of this European Standard are different from those which are stated in EN 1553:1999 the requirements of this European Standard take precedence over the requirements of EN 1553:1999 for machines that have been designed and built according to the provisions of this European Standard.

Keel en

Asendab EVS-EN 14018:2005

EVS-EN 14861:2004+A1:2009

Hind 166,00

Identne EN 14861:2004+A1:2009

Metsatöömasinad. Liikurmasinad. Ohutusnõuded KONSOLIDEERITUD TEKST

This document deals with all common significant hazards, hazardous situations and events of the following forestry machinery: fellers, bunchers, delimiters, forwarders, log loaders, skidders, processors and harvesters as defined in ISO 6814 and also multi-function versions of these machines, when they are used as intended and under the conditions foreseen by the manufacturer, see Clause 4.

Keel en

Asendab EVS-EN 14861:2004

EVS-EN 15503:2009

Hind 209,00

Identne EN 15503:2009

Aiatööseadmed. Lehepuhurid, imurid ja puhurid/imurid. Ohutus

This European Standard specifies the safety requirements and their verification for the design and construction of hand-held combustion engine powered and back-pack combustion engine powered, garden vacuums and garden blower/vacuums with or without shredding means and garden blowers, designed for one operator only. In addition, it specifies the type of information on safe working practices (including residual risks) to be provided by the manufacturer.

Keel en

EVS-EN 15749:2009

Hind 166,00

Identne EN 15749:2009

Väetised. Sulfaadisalduse määramine kolme eri meetodi abil

This European Standard specifies three different methods (Methods A, B and C) for the determination of sulfur present in fertilizers extracts in the form of sulfates. Method A specifies the gravimetric method. Method B specifies the method using inductively coupled plasma optical spectrometry (ICP-OES). Method C specifies the method using ion chromatography (IC).

Keel en

Asendab CEN/TS 15749:2008

EVS-EN 15750:2009

Hind 145,00

Identne EN 15750:2009

Väetised. Üldlämmastiku määramine kahe eri meetodi abil väetistes, mis sisaldavad lämmastikku ainult nitraatidena, ammooniumlämmastiku ja karbamiidina

This European Standard specifies two different methods (Methods A and B) for the determination of the total nitrogen content in fertilizers. Method A specifies the titrimetric method after distillation according to ISO 5315:1984. Method B specifies a method by reduction of nitrate with iron and tin(II)-chloride.

Keel en

Asendab CEN/TS 15750:2008

ASENDATUD VÕI TÜHISTATUD STANDARDID

CEN/TS 15749:2008

Identne CEN/TS 15749:2008

Fertilizers - Determination of sulfates content using three different methods

This document specifies three different methods (Methods A, B and C) for the determination of sulfur present in fertilizers extracts in the form of sulfates. Method A specifies the gravimetric procedure. Method B specifies the method using inductively coupled plasma optical spectrometry (ICP-OES). Method C specifies the method using ion chromatography (IC).

Keel en

Asendatud EVS-EN 15749:2009

CEN/TS 15750:2008

Identne CEN/TS 15750:2008

Fertilizers - Determination of different forms of nitrogen in fertilizers containing nitrogen only as nitric, ammoniacal and urea nitrogen by two different methods

This document specifies two different methods (Methods A and B) for the determination of the total nitrogen content in fertilizers. Method A specifies the titrimetric method after distillation according to ISO 5315:1984. Method B specifies a method by reduction of nitrate with iron and tin(II)-chloride.

Keel en

Asendatud EVS-EN 15750:2009

EVS-EN 786:2005

Identne EN 786:1996+AC:1996+A1:2001

Aiapidamisseadmed. Eeslükatavad ja käeshoitavad elektriajamiga murutrimmerid ja muruservatrimmerid. Mehaaniline ohutus

Käesolev Euroopa standard määrab kindlaks konstruktsioonile ning tarindusele esitatavad mehaanilise ohutuse nõuded ning testimiskorra eeslükatavate ja käeshoitavate elektriajamiga murutrimmerite ja muruservatrimmerite suhtes, mida kasutatakse püsti seistes peamiselt rohu niitmiseks ning millel on mittemetalsest kiust (tamiilist) löikeelemendid või vabalt pöörlev(ad) mittemetallne (-metalsed) lõikur(id), millest ühegi kineetilise energia ei ületa 10 J.

Keel et

Asendatud EVS-EN 786:1996+A2:2009

EVS-EN 13525:2005+A1:2007

Identne EN 13525:2005+A1:2007

Metsandusmasinad. Puiduhakkurid. Ohutus KONSOLIDEERITUD TEKST

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

Asendab EVS-EN 13525:2005

Asendatud EVS-EN 13525:2005+A2:2009

EVS-EN 14018:2005

Identne EN 14018:2005

Põllumajandus- ja metsatöomasinad. Külvimasinad. 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

Asendatud EVS-EN 14018:2005+A1:2009

EVS-EN 14861:2004

Identne EN 14861:2004

Metsatöomasinad. Liikurmasinad. Ohutusnõuded

This document deals with all common significant hazards, hazardous situations and events of the following forestry machinery: fellers, bunchers, delimiters, forwarders, log loaders, skidders, processors and harvesters as defined in ISO 6814 and also multi-function versions of these machines, when they are used as intended and under the conditions foreseen by the manufacturer, see Clause 4.

Keel en

Asendatud EVS-EN 14861:2004+A1:2009

KAVANDITE ARVAMUSKÜSITLUS

prEN ISO 11681-1

Identne prEN ISO 11681-1:2009

ja identne ISO/DIS 11681-1:2009

Tähtaeg 1.03.2010

Metsatöomasinad. Kaasaskantavate kettsaagide ohutusnõuded ja katsetamine. Osa 1: Hooldusraiel kasutatavad kettsaad

This part of ISO 11681 specifies safety requirements and their verification for design and construction of portable combustion-engine, hand-held chain-saws, designed only for use by one operator and intended for forest work. It describes methods for the elimination or reduction of hazards arising from their use. In addition it specifies the type of information on safe working practices to be provided. This document deals with all significant hazards, hazardous situations or hazardous events with the exception of kickback (see 4.5.3) and balance (see 4.4.1) for machines with an engine displacement of more than 80 cm³, relevant to these machines, as well as when they are used as intended and under condition of reasonable foreseeable misuse.

Keel en

Asendab EVS-EN ISO 11681-1:2008

FprEN ISO 11085

Identne FprEN ISO 11085:2009
ja identne ISO 11085:2008
Tähtaeg 1.03.2010

Cereals, cereals-based products and animal feeding stuffs - Determination of crude fat and total fat content by the Randall extraction method

This International Standard specifies procedures for the determination of the fat content of cereals, cereal-based products, and animal feeding stuffs. These procedures are not applicable to oilseeds and oleaginous fruits. The choice of procedure to be used depends on the nature and composition of the material analysed and the reason for carrying out the analysis. Procedure A is a method for the determination of directly extractable crude fats, applicable to all materials, except those included within the scope of procedure B. Procedure B is a method for the determination of total fats, applicable to all materials from which the oils and fats cannot be completely extracted without prior hydrolysis.

Keel en

prEN ISO 11680-1

Identne prEN ISO 11680-1:2009
ja identne ISO/DIS 11680-1:2009
Tähtaeg 1.03.2010

Metsatöömashinad. Elektriga töötavate mastlaasijate ohutusnõuded ja katsetamine . Osa 1: Sisepõlemismootoriga varustatud seadised

This part of ISO 11680 specifies safety requirements and their verification for the design and construction of portable hand-held pole-mounted powered pruners having an integral combustion engine as a power unit and using a drive shaft, to transmit power to the cutting attachment. The cutting attachments covered are saw chains, reciprocating and circular saw blades. This standard describes methods for the elimination or reduction of hazards arising from their use. In addition it specifies the type of information on safe working practices to be provided by the manufacturer. This document deals with all significant hazards hazardous situations or hazardous events with the exception of electric shock related to overhead electric lines apart from warnings and advice for instruction handbook contents, relevant to these machines, when they are used as intended and under condition of reasonably foreseeable misuse.

Keel en

Asendab EVS-EN ISO 11680-1:2008

prEN ISO 11680-2

Identne prEN ISO 11680-2:2009
ja identne ISO/DIS 11680-2:2009
Tähtaeg 1.03.2010

Metsatöömashinad. Elektriga töötavate mastlaasijate ohutusnõuded ja katsetamine . Osa 2: "Ranits"-energiaallikaga kasutatavad seadised

This part of ISO 11680 specifies safety requirements and their verification for the design and construction of portable hand-held pole-mounted powered pruners with a back-pack power unit and using a drive shaft, to transmit power to the cutting attachment. The cutting attachments covered are saw chains, reciprocating and circular saw blades. This Standard describes methods for the elimination or reduction of hazards arising from their use. In addition it specifies the type of information on safe working practices to be provided by the manufacturer. This document deals with the exception listed below, with all significant hazards hazardous situations or hazardous events relevant to these machines, when they are used as intended and under condition of reasonably foreseeable misuse. Significant hazards not dealt with are: - electric shock hazard from contact with overhead electric lines, apart from warnings and advice for instruction handbook contents; - whole-body vibration hazard from the back-pack power unit.

Keel en

Asendab prEN ISO 11680-2

prEN ISO 11681-2

Identne prEN ISO 11681-2:2009
ja identne ISO/DIS 11681-2:2009
Tähtaeg 1.03.2010

Metsatöömashinad. Kaasaskantavate kettsaagide ohutusnõuded ja katsetamine. Osa 2: Hooldusraiel kasutatavad kettsaad

This part of ISO 11681 specifies safety requirements and their verification for the design and construction of portable combustion-engine, hand-held chain-saws for tree service, having a maximum mass, without guide bar or saw chain and with tanks empty, equal to 4,3 kg, and designed for use by a trained operator for pruning and dismantling standing tree crowns. It describes methods for the elimination or reduction of hazards arising from their use. In addition, it specifies the type of information on safe working practices to be provided. This document deals with all significant hazards, hazardous situations or hazardous events relevant to these machines, as well as when they are used as intended and under condition of reasonable foreseeable misuse.

Keel en

Asendab prEN ISO 11681-2

prEN ISO 11806-1

Identne prEN ISO 11806-1:2009
 ja identne ISO/DIS 11806-1:2009
 Tähtaeg 1.03.2010

Agricultural and forestry machinery - Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers - Part 1: Machines with integral combustion engine

This part of ISO 11806 specifies safety requirements and their verification for design and construction of portable handheld, combustion engine driven brush-cutters and grass-trimmers having an integral combustion engine as a power source and mechanical power transmission between power source and cutting attachment. This standard is not applicable to lawn edge trimmers or to brush-cutters equipped with metallic cutting attachments consisting of more than one part, e.g. pivoting chains. It describes methods for the elimination or reduction of hazards arising from their use. In addition it specifies the type of information on safe working practices to be provided by the manufacturer. This document deals with all significant hazards, hazardous situations or hazardous events relevant to these machines, as well as when they are used as intended and under conditions of reasonably foreseeable misuse.

Keel en

prEN ISO 11806-2

Identne prEN ISO 11806-2:2009
 ja identne ISO/DIS 11806-2:2009
 Tähtaeg 1.03.2010

Agricultural and forestry machinery - Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers - Part 2: Machines with backpack power source

This part of ISO 11806 specifies safety requirements and their verification for design and construction of portable handheld, combustion engine driven brush-cutters and grass-trimmers having a backpack mounted combustion engine power source and mechanical power transmission between power source and cutting attachment. This Standard is not applicable to lawn edge trimmers or to brush-cutters equipped with metallic blades consisting of more than one part, e.g. pivoting chain. It describes methods for the elimination or reduction of hazards arising from their use. In addition it specifies the type of information on safe working practices to be provided by the manufacturer. This document deals, except for whole body vibration hazard from the backpack power unit with all significant hazards, hazardous situations or hazardous events relevant to these machines, when they are used as intended and under conditions of reasonably foreseeable misuse.

Keel en

prEN ISO 12863

Identne prEN ISO 12863:2009
 ja identne ISO/DIS 12863:2009
 Tähtaeg 1.03.2010

Standard test method for measuring the ignition propensity of cigarettes

This International Standard provides a standard measure of the capability of a cigarette, positioned on one of three standard substrates, to generate sufficient heat to continue burning, and thus potentially cause ignition of bedding or upholstered furniture, or whether the cigarette extinguishes. This standard is applicable to factory-made cigarettes that burn along the length of a tobacco column. This is a performance-based standard; it does not prescribe any design features of the cigarette that might lead to improved or degraded performance in the test method. The output of this method has been correlated with the potential for cigarettes to ignite upholstered furniture.

Keel en

67 TOIDUAINETE TEHNOLOOGIA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 1230-1:2009

Hind 105,00
 Identne EN 1230-1:2009

Paper and board intended to come into contact with foodstuffs - Sensory analysis - Part 1: Odour

This European Standard specifies the test method for assessment of the odour released by a paper or board sample. It is applicable to all kinds of paper and board, including coated and/or printed material, intended to come into direct or indirect contact with foodstuffs. It is not applicable for the determination of consumers' preference.

Keel en

Asendab EVS-EN 1230-1:2001

EVS-EN 1230-2:2009

Hind 135,00
 Identne EN 1230-2:2009

Paper and board intended to come into contact with foodstuffs - Sensory analysis - Part 2: Off-flavour (taint)

This European Standard specifies whether a paper or board sample contains substances which may be transmitted through the air space to a test substance and affect its taste. It is applicable to all kinds of paper and board, including coated and printed material, intended to come into contact with foodstuffs. It is not applicable for the determination of consumers' preference.

Keel en

Asendab EVS-EN 1230-2:2001

EVS-EN 12505:2000+A1:2009

Hind 219,00

Identne EN 12505:2000+A1:2009

Toidutöötlemismasinad. Söögiõlide ja rasvade käitlemise tsentrifuugid. Ohutus- ja hügieeninõuded KONSOLIDEERITUD TEKST

This European Standard covers all significant hazards as identified by risk assessment (see EN 1050), which are listed in clause 4 of this standard, relevant to centrifuges for processing edible oils and fats, when they are used as intended and under the conditions foreseen by the manufacturer. It specifies safety and hygiene requirements for the design, manufacture, use, maintenance and cleaning of centrifugal machines. The normal operating methods are described in 3.2. This standard does not apply to machines using solvent extraction and ancillary machines (e.g. conveyors, hoppers, etc.). It is not applicable to basket centrifuges. This European Standard is applicable primarily to machines which are manufactured after the date of approval by CEN.

Keel en

Asendab EVS-EN 12505:2001

EVS-EN ISO 927:2009

Hind 92,00

Identne EN ISO 927:2009

ja identne ISO 927:2009

Spices and condiments - Determination of extraneous matter and foreign matter content

This International Standard specifies a general procedure for visual examination, or with magnification not exceeding 10 times, of whole spices for the determination of macro filth. This International Standard is applicable to dehydrated herbs and spices.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 1230-2:2001**

Identne EN 1230-2:2001+AC:2002

Paper and board intended for contact with foodstuffs - Sensory analysis - Part 2: Off-flavour (taint)

This European Standard specifies whether a paper or board sample contains substances which may be transmitted through the air space to a rest substance and affect its taste. It is applicable to all kinds of paper and board, including coated and printed material, intended to come into contact with foodstuffs. It is not applicable for the determination of consumers' preference.

Keel en

Asendatud EVS-EN 1230-2:2009

EVS-EN 1230-1:2001

Identne EN 1230-1:2001

Paper and board intended for contact with foodstuffs - Sensory analysis - Part 1: Odour

This European Standard specifies the test method for assessment of the odour released by a paper or board sample. It is applicable to all kinds of paper and board, including coated and/or printed material, intended to come into direct or indirect contact with foodstuffs. It is not applicable for the determination of consumers' preference.

Keel en

Asendatud EVS-EN 1230-1:2009

EVS-EN 12505:2001

Identne EN 12505:2000

Toidutöötlemismasinad. Söögiõlide ja rasvade käitlemise tsentrifuugid. Ohutus- ja hügieeninõuded

This European Standard covers all significant hazards as identified by risk assessment (see EN 1050), which are listed in clause 4 of this standard, relevant to centrifuges for processing edible oils and fats, when they are used as intended and under the conditions foreseen by the manufacturer. It specifies safety and hygiene requirements for the design, manufacture, use, maintenance and cleaning of centrifugal machines.

Keel en

Asendatud EVS-EN 12505:2000+A1:2009

KAVANDITE ARVAMUSKÜSITLUS**EN 12355:2003/prA1**

Identne EN 12355:2003/prA1:2009

Tähtaeg 1.03.2010

Toidutöötlemismasinad. Koorimis-, nülgimis- ja kilekõrvaldamismasinad. Ohutus- ja hügieeninõuded

This European standard applies to design, manufacturing, installation, transportation, electrical equipment and cleaning of derinding, skinning, and membrane removal machines (see figures 1 to 5). The machines described in this standard are used for derinding, skinning and membrane removal of meat and fish by cutting at a blade device

Keel en

EN 12855:2003/FprA1

Identne EN 12855:2003/FprA1:2009

Tähtaeg 1.03.2010

Toidutöötlemismasinad. Pöörlevad kausilõikurid. Ohutus- ja hügieeninõuded

This European Standard specifies requirements for bowl cutters (see figure 1) used when stationary and positioned on the floor or at table height

Keel en

EN 12984:2005/FprA1

Identne EN 12984:2004/FprA1:2009

Tähtaeg 1.03.2010

Toidutöötlemismasinad. Kaasaskantavad ja/või käsitsi juhitud, mehhaanilise ajamiga lõikeseadmetega masinad ja seadmed. Ohutus- ja hügieeninõuded

This European Standard covers portable and/or hand-guided machines and appliances equipped with mechanically driven cutting tools.

Keel en

EN 13534:2006/FprA1

Identne EN 13534:2006/FprA1:2009

Tähtaeg 1.03.2010

Toidutöötlemismasinad. Termo-injektsioonimasinad. Ohutus- ja hügieeninõuded

This standard applies for - curing injection machines with infeed and outfeed devices;- curing injection machines with infeed and outfeed devices and loading devices. This standard does not apply to portable/hand guided curing injection devices.

Keel en

EN 13570:2005/FprA1

Identne EN 13570:2005/FprA1:2009

Tähtaeg 1.03.2010

Toidutöötlemismasinad. Segamismasinad. Ohutus- ja hügieeninõuded

This European Standard specifies safety and hygiene requirements to minimise the hazards which can arise during the commissioning, the use and the maintenance of mixing machines and their accessories intended to be used in sausage kitchens and industrial erations.

Keel en

FprEN ISO 734-2

Identne FprEN ISO 734-2:2009

ja identne ISO 734-2:2008

Tähtaeg 1.03.2010

Oilseed meals - Determination of oil content - Part 2: Rapid extraction method

This part of ISO 734 specifies an extraction method which may be used to assess the efficiency of a de-oiling process by comparing the oil content of the oilseed with the residual oil content of the corresponding extraction meals, pellets and expeller cakes. It is not applicable to disputed cases, for which ISO 734-1 is applicable. It is applicable to oilseed meals obtained from oilseeds by expelling or by extraction with a solvent, as well as to the pellets made from the residues.

Keel en

Asendab FprEN ISO 734-2

FprEN ISO 2171

Identne FprEN ISO 2171:2009

ja identne ISO 2171:2007

Tähtaeg 1.03.2010

Cereals, pulses and by-products - Determination of ash yield by incineration

This International Standard specifies a method for determining the ash yielded by cereals, pulses and their milled products intended for human consumption. The source materials covered are: a) grains of cereals; b) flours and semolinas; c) milled products (bran and high bran content products, sharps); d) mixed cereal flours (mixes); e) cereal by-products other than milled products; and f) pulses and their by-products. This International Standard is not applicable to starches and starch derivatives (see ISO 3593), to products intended for animal feeding stuffs (see ISO 5984), or to seeds.

Keel en

FprEN ISO 3960

Identne FprEN ISO 3960:2009

ja identne ISO 3960:2007

Tähtaeg 1.03.2010

Animal and vegetable fats and oils - Determination of peroxide value - Iodometric (visual) endpoint determination

This International Standard specifies a method for the iodometric determination of the peroxide value of animal and vegetable fats and oils with a visual endpoint detection. The peroxide value is a measure of the amount of oxygen chemically bound to an oil or fat as peroxides, particularly hydroperoxides. The method is applicable to all animal and vegetable fats and oils, fatty acids and their mixtures with peroxide values from 0 meq to 30 meq (milliequivalents) of active oxygen per kilogram. It is also applicable to margarines and fat spreads with varying water content. The method is not suitable for milk fats and is not applicable to lecithins. It is to be noted that the peroxide value is a dynamic parameter, whose value is dependent upon the history of the sample. Furthermore, the determination of the peroxide value is a highly empirical procedure and the value obtained depends on the sample mass. It is stressed that, due to the prescribed sample mass, the peroxide values obtained can be slightly lower than those obtained with a lower sample mass.

Keel en

Asendab EVS-EN ISO 3960:2008

FprEN ISO 5529

Identne FprEN ISO 5529:2009

ja identne ISO 5529:2007

Tähtaeg 1.03.2010

Wheat - Determination of the sedimentation index - Zeleny test

This International Standard describes a method, known as the Zeleny sedimentation test, for assessing one of the factors determining the quality of wheat as a means of predicting the baking strength of the flour which can be made from it. The method is applicable only to *Triticum aestivum* L. wheat.

Keel en

FprEN ISO 6540

Identne FprEN ISO 6540:2009

ja identne ISO 6540:1980

Tähtaeg 1.03.2010

Maize - Determination of moisture content (on milled grains and on whole grains)

This section specifies the reference method for the determination of the moisture content of maize grains and ground whole maize.

Keel en

FprEN ISO 11085

Identne FprEN ISO 11085:2009

ja identne ISO 11085:2008

Tähtaeg 1.03.2010

Cereals, cereals-based products and animal feeding stuffs - Determination of crude fat and total fat content by the Randall extraction method

This International Standard specifies procedures for the determination of the fat content of cereals, cereal-based products, and animal feeding stuffs. These procedures are not applicable to oilseeds and oleaginous fruits. The choice of procedure to be used depends on the nature and composition of the material analysed and the reason for carrying out the analysis. Procedure A is a method for the determination of directly extractable crude fats, applicable to all materials, except those included within the scope of procedure B. Procedure B is a method for the determination of total fats, applicable to all materials from which the oils and fats cannot be completely extracted without prior hydrolysis.

Keel en

FprEN ISO 27107

Identne FprEN ISO 27107:2009

ja identne ISO 27107:2008

Tähtaeg 1.03.2010

Animal and vegetable fats and oils - Determination of peroxide value - Potentiometric end-point determination

This International Standard specifies a method for the potentiometric end-point determination of the peroxide value, in milliequivalents of active oxygen per kilogram, of animal and vegetable fats and oils. The method is applicable to all animal and vegetable fats and oils, fatty acids and their mixtures with peroxide values from 0 meq to 30 meq of active oxygen per kilogram. It is also applicable to margarines and fat spreads with varying water content. The method is not applicable to milk fats or lecithins.

Keel en

Asendab EVS-EN ISO 27107:2008

71 KEEMILINE TEHNOLOOGIA

JUUED STANDARDID JA PUBLIKATSIOONID

CEN/TR 15951:2009

Hind 243,00

Identne CEN/TR 15951:2009

Pyrotechnic articles - Fireworks, category 4 - Overview of harmonized standards that will be developed by CEN/TC 212/WG 2

This Technical Report gives an overview of harmonized standards which will be proposed to be developed by CEN/TC 212 WG 2, Category 4 Fireworks. It also gives the interpretation WG 2 experts have made of some terms, definitions and requirements of Directive 2007/23/EC in order to assure future harmonized standards will encompass all varieties of fireworks, which are presently placed on the European market, in a consistent way and take the benefit of all the practical experience and usages of fireworks in the Member States.

Keel en

CEN/TR 15952:2009

Hind 198,00

Identne CEN/TR 15952:2009

Pyrotechnic articles - Theatrical pyrotechnic articles, categories T1 and T2 - Overview of harmonized standards that will be developed by CEN/TC 212/WG 3

This document gives a description of the context regarding the situation of theatrical pyrotechnic articles and their consideration within the Directive 2007/23/EC with the aim to define what harmonized standards shall be developed in order to comply with the essential safety requirements of the Annex 1 of the Directive.

Keel en

CEN/TR 15953:2009

Hind 198,00

Identne CEN/TR 15953:2009

Pyrotechnic articles - Other pyrotechnic articles, category P1 and P2 - Overview of harmonized standards that will be developed by CEN/TC 212/WG 5

This Technical Report gives an overview of harmonized standards which will be proposed to be developed by CEN/TC 212 WG 5, "Other Pyrotechnic Articles". Under this expression, it must be understood, are all pyrotechnic articles which are not designed and intended for entertainment purposes ("fireworks"), for indoor or outdoor stage use, including film and television productions or similar use ("theatrical pyrotechnic articles"), and for automotive industry ("pyrotechnic articles for vehicles"). It also gives the interpretation WG5 experts have made of some terms, definitions and requirements of Directive 2007/23/EC in order to assure future harmonized standards will encompass all varieties of "other pyrotechnic articles", which are presently placed on the European market, in a consistent way and take the benefit of all the practical experience and usages of those articles in the Member States.

Keel en

EVS-EN 1017:2008/AC:2009

Hind 0,00

Identne EN 1017:2008/AC:2009

Inimtarbevee töötlemiseks kasutatavad kemikaalid. Mittetäielikult põletatud dolomiit

Keel en

EVS-EN 1018:2006/AC:2009

Hind 0,00

Identne EN 1018:2006/AC:2009

Inimtarbevee töötlemiseks kasutatavad kemikaalid. Kaltsiumkarbonaat

Keel en

EVS-EN 1276:2009

Hind 229,00

Identne EN 1276:2009

Keemilised desinfektsioonivahendid ja antiseptikumid. Toiduainetes, tööstuses, kodumajapidamises ja ametkondlikel aladel kasutatavate keemiliselt desinfitseerivate ja antiseptiliste ainete bakteritsiidse aktiivsuse hindamine kvantitatiivse suspensioonkatsega. Katsemeetod ja nõuded (faas 2, aste 1)

This European Standard specifies a test method and the minimum requirements for bactericidal activity of chemical disinfectant and antiseptic products that form a homogeneous, physically stable preparation when diluted with hard water or - in the case of ready-to-use products - with water. Products can only be tested at a concentration of 80 % or less, as some dilution is always produced by adding the test organisms and interfering substance.

Keel en

Asendab EVS-EN 1276:2000

EVS-EN 15030:2006/AC:2009

Hind 0,00

Identne EN 15030:2006/AC:2009

Chemicals used for treatment of water intended for human consumption - Silver salts for intermittent use

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 1276:2000

Identne EN 1276:1997

Keemilised desinfektsioonivahendid ja antiseptikumid. Toiduainetes, tööstuses, kodumajapidamises ja ametkondlikel aladel kasutatavate keemiliselt desinfitseerivate ja antiseptiliste ainete bakteritsiidse aktiivsuse hindamine kvantitatiivse suspensioonkatsega. Katsemeetod ja nõuded (faas 2, aste 1)

Käesolev Euroopa standard määrab kindlaks teimimismeetodi (faas 2 / aste 1) ja esitab miinimumnõuded nende keemiliselt desinfitseerivate ja antiseptiliste ainete bakteritsiidse aktiivsuse kohta, mis moodustavad karedas vees homogeense ja füüsikaliselt stabiilse eeltöödeldud keskkonna. Neid aineid kasutatakse toiduainetes, tööstuses, kodumajapidamises ja ametkondlikel aladel, välja arvatud sellised kasutusalad ja olukorrad, kus desinfektsioon on meditsiiniliselt nõutav, ning samuti eluskudedes kasutatavad ained peale nimetatud aladel kasutatavate tarbehügieenitoodete.

Keel en

Asendatud EVS-EN 1276:2009

75 NAFTA JA NAFTATEHNOLOOGIA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 14774-1:2009

Hind 92,00

Identne EN 14774-1:2009

Solid biofuels - Determination of moisture content - Oven dry method - Part 1: Total moisture - Reference method

This European Standard describes the method of determining the total moisture content of a sample of solid biofuels by drying in an oven and should be used when high precision of the determination of moisture content is necessary. 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 14774-1:2004

EVS-EN 14774-3:2009

Hind 92,00

Identne EN 14774-3:2009

Solid biofuels - Determination of moisture content - Oven dry method - Part 3: Moisture in general analysis sample

This European Standard describes the method of determining the moisture in the analysis sample by drying the sample in an oven. It is intended to be used for general analysis samples according to CEN/TS 14780. The method described in this document is applicable to all solid biofuels.

Keel en

Asendab CEN/TS 14774-3:2004

EVS-EN 15779:2009

Hind 105,00

Identne EN 15779:2009

Petroleum products and fat and oil derivatives - Fatty acid methyl esters (FAME) for diesel engines - Determination of polyunsaturated (≥ 4 double bonds) fatty acid methyl esters (PUFA) by gas chromatography

This European Standards specifies a method for the determination of the polyunsaturated (≥ 4 double bonds) fatty acid (PUFA) methyl esters content of fatty acid methyl ester (FAME) as a whole between 0,6 % (m/m) and 1,5 % (m/m). The method covers the predominant four polyunsaturated fatty acid methyl esters of eicosatetraenoic acid (C 20:4 (n-6)), eicosapentaenoic acid (C 20:5 (n-3)), docosapentaenoic acid (C 22:5 (n-3)), and docosahexaenoic acid (C 22:6 (n-3)). Studies have indicated that based on the linearity of results from this European Standard, PUFA methyl esters can be determined in FAME in the range between 0,3 % (m/m) to 3,0 % (m/m). However, the precision was not established in that range, as no samples within the upper ranges were included in the final interlaboratory test (see 10.1).

Keel en

EVS-EN 15794:2009

Hind 155,00

Identne EN 15794:2009

Süttivate vedelike plahvatuspunktide määramine

This European Standard specifies a test method to determine the explosion points of flammable liquids in air. This European Standard applies to flammable liquids at atmospheric pressure and at temperatures in the range from - 50 °C to 300 °C. This European standard must not be applied to explosives or materials which, under the test conditions, are thermally unstable liquids (e.g. polymerizing/oxidizing materials).

Keel en

EVS-EN ISO 13500:2008/AC:2009

Hind 0,00

Identne EN ISO 13500:2008/AC:2009

ja identne ISO 13500:2008/Cor 1:2009

Loodusliku ja naftagaasi tööstused.**Puurimisvedelikud. Tehnilised andmed ja katsetamine**

Keel en

EVS-EN ISO 13503-2:2006/A1:2009

Hind 92,00

Identne EN ISO 13503-2:2006/A1:2009

ja identne ISO 13503-2:2006/Amd 1:2009

Petroleum and natural gas industries - Completion fluids and materials - Part 2: Measurement of properties of proppants used in hydraulic fracturing and gravel-packing operations - Amendment 1: Addition of Annex B: Proppand specification

This International Standard Addendum provides specifications for proppants used in hydraulic fracturing and gravel packing operations.

Keel en

EVS-EN ISO 15156-1:2009

Hind 124,00

Identne EN ISO 15156-1:2009

ja identne ISO 15156-1:2009

Petroleum and natural gas industries - Materials for use in H2S-containing environments in oil and gas production - Part 1: General principles for selection of cracking-resistant materials

This part of ISO 15156 describes general principles and gives requirements and recommendations for the selection and qualification of metallic materials for service in equipment used in oil and gas production and in natural-gas sweetening plants in H2S-containing environments, where the failure of such equipment can pose a risk to the health and safety of the public and personnel or to the environment. It can be applied to help to avoid costly corrosion damage to the equipment itself. It supplements, but does not replace, the materials requirements given in the appropriate design codes, standards or regulations.

Keel en

Asendab EVS-EN ISO 15156-1:2002

EVS-EN ISO 15156-2:2009

Hind 243,00

Identne EN ISO 15156-2:2009

ja identne ISO 15156-2:2009

Petroleum and natural gas industries - Materials for use in H2S-containing environments in oil and gas production - Part 2: Cracking-resistant carbon and low-alloy steels, and the use of cast irons

This part of ISO 15156 gives requirements and recommendations for the selection and qualification of carbon and low-alloy steels for service in equipment used in oil and natural gas production and natural gas treatment plants in H2S-containing environments, whose failure can pose a risk to the health and safety of the public and personnel or to the environment. It can be applied to help to avoid costly corrosion damage to the equipment itself. It supplements, but does not replace, the materials requirements of the appropriate design codes, standards or regulations.

Keel en

Asendab EVS-EN ISO 15156-2:2004

EVS-EN ISO 15156-3:2009

Hind 295,00

Identne EN ISO 15156-3:2009

ja identne ISO 15156-3:2009

Petroleum and natural gas industries - Materials for use in H2S-containing environments in oil and gas production - Part 3: Cracking-resistant CRAs (corrosion-resistant alloys) and other alloys

This part of ISO 15156 gives requirements and recommendations for the selection and qualification of CRAs (corrosion-resistant alloys) and other alloys for service in equipment used in oil and natural gas production and natural gas treatment plants in H2S-containing environments, whose failure can pose a risk to the health and safety of the public and personnel or to the environment. It can be applied to help to avoid costly corrosion damage to the equipment itself. It supplements, but does not replace, the materials requirements of the appropriate design codes, standards or regulations.

Keel en

Asendab EVS-EN ISO 15156-3:2004

EVS-EN ISO 15463:2004/AC:2009

Hind 0,00

Identne EN ISO 15463:2003/AC:2009

ja identne ISO 15463:2003/Cor 1:2009

Petroleum and natural gas industries - Field inspection of new casing, tubing and plain-end drill pipe

Keel en

EVS-EN ISO 17078-2:2008/AC:2009

Hind 0,00

Identne EN ISO 17078-2:2007/AC:2009

ja identne ISO 17078-2:2007/Cor 1:2009

Petroleum and natural gas industries - Drilling and production equipment - Part 2: Flow-control devices for side-pocket mandrels

Keel en

EVS-EN ISO 28300:2008/AC:2009

Hind 0,00

Identne EN ISO 28300:2008/AC:2009

ja identne ISO 28300:2008/Cor 1:2009

Nafta-, naftakeemia- ja maagaasitööstused.

Atmosfääri- ja madalrõhu hoiumahutite õhutamine

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

CEN/TS 14774-1:2004

Identne CEN/TS 14774-1:2004

Solid biofuels - Methods for determination of moisture content - Oven dry method - Part 1: Total moisture - Reference method

This document describes the method of determining the total moisture content of a sample of solid biofuels by drying in an oven and should be used when high precision of the determination of moisture content is necessary. 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

Asendatud EVS-EN 14774-1:2009

CEN/TS 14774-3:2004

Identne CEN/TS 14774-3:2004

Solid biofuels - Methods for the determination of moisture content - Oven dry method - Part 3: Moisture in general analysis sample

This document describes the method of determining the moisture in the analysis sample by drying the sample in an oven. It is intended to be used for general analysis samples according to prCEN/TS 14780. The method described in this document is applicable to all solid biofuels.

Keel en

Asendatud EVS-EN 14774-3:2009

EVS-EN ISO 15156-1:2002

Identne EN ISO 15156-1:2001 + AC:2006

ja identne ISO 15156-1:2001

Petroleum and natural gas industries - Materials for use in H₂S-containing environments in oil and gas production - Part 1: General principles for selection of cracking-resistant materials

This standard describes general principles and gives requirements and recommendations for the selection and qualification of metallic materials for service in equipment used in oil and gas production and in natural gas sweetening plants in H₂S-containing environments, where the failure of such equipment could pose a risk to the health and safety of the public and personnel or to the environment.

Keel en

Asendatud EVS-EN ISO 15156-1:2009

EVS-EN ISO 15156-2:2004

Identne EN ISO 15156-2:2003+AC:2006

ja identne ISO 15156-2:2003

Petroleum, petrochemical and natural gas industries - Materials for use in H₂S-containing environments in oil and gas production - Part 2: tracking-resistant carbon and low alloy steels, and the use of cast irons

Keel en

Asendatud EVS-EN ISO 15156-2:2009

EVS-EN ISO 15156-3:2004

Identne EN ISO 15156-3:2003

ja identne ISO 15156-3:2003

Petroleum, petrochemical and natural gas industries - Materials for use in H₂S-containing environments in oil and gas production - Part 3: Cracking-resistant CRAs (corrosion-resistant alloys) and other alloys

This part of ISO 15156 gives requirements and recommendations for the selection and qualification of CRAs and other alloys for service in equipment, used in oil and natural gas production and natural gas treatment plants in H₂S-containing environments, whose failure could pose a risk to the health and safety of the public and personnel or to the environment.

Keel en

Asendatud EVS-EN ISO 15156-3:2009

KAVANDITE ARVAMUSKÜSITLUS

EN ISO 13500:2008/prA1

Identne EN ISO 13500:2008/prA1:2009

ja identne ISO 13500:2008/DAM 1:2009

Tähtaeg 1.03.2010

Petroleum and natural gas industries - Drilling fluid materials - Specifications and tests - Amendment 1: New Clause 20 - Barite 4.10

This Technical Corrigendum 1 to International Standard 13500:2008 and API Specification 13A, Specifications for Drilling Fluid Materials, includes a newly available drilling fluid product. This corrigendum covers the physical properties and testing of Barite 4.10. This corrigendum is prepared as an alternative to ISO 13500, Clause 7, Barite/API Spec 13A, Section 7 and should not be interpreted as a replacement for Clause or Section 7 Barite. This International Standard is intended for the use of manufacturers of named products.

Keel en

prEN ISO 11960

Identne prEN ISO 11960:2009

ja identne ISO/DIS 11960:2009

Tähtaeg 1.03.2010

Loodusliku ja naftagaasi tööstused. Terastorude kasutamine puuraukude mantelkorudeks või pumpamistorudeks

This International Standard specifies the technical delivery conditions for steel pipes (casing, tubing and pup joints), coupling stock, coupling material and accessory material/accessories and establishes requirements for three Product Specification Levels (PSL-1, PSL-2, PSL-3). The requirements for PSL-1 are the basis of this International Standard. The requirements that define different levels of standard technical requirements for PSL-2 and PSL-3, for all Grades except H-40, L-80 9Cr and C110, are contained in Annex H. For pipes covered by this International Standard, the sizes, masses and wall thicknesses as well as grades and applicable end-finishes are listed in Tables C.1 to C.3 and Tables E.1 to E.3. By agreement between the purchaser and manufacturer, this International Standard can also be applied to other plain-end pipe sizes and wall thicknesses.

Keel en

Asendab EVS-EN ISO 11960:2005

prEN 13614

Identne prEN 13614:2009

Tähtaeg 1.03.2010

Bitumen and bituminous binders - Determination of adhesivity of bituminous emulsions by water immersion test

This European Standard specifies a method for determining the adhesion of a bituminous emulsion coated onto aggregate when immersed in water. The method considers two different aspects of adhesivity i.e. immediate adhesivity and water effect on binder adhesion. The method may be used with a reference aggregate. In that case, it measures the intrinsic adhesion behaviour of a bituminous emulsion. The method may also be used with a specific aggregate as used on a job site. Conformity to the "adhesivity" requirement specified in EN 13808 is to be assessed while measuring the water effect on binder adhesion with a reference aggregate. **WARNING** - The use of this European Standard may involve hazardous materials, operations and equipment. This European Standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this European Standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 13614:2004

77 METALLURGIA

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TR 10350:2009

Hind 166,00

Identne CEN/TR 10350:2009

Analysis of steels and irons - Internal laboratory procedure for checking the accuracy of an analytical method by using Certified Reference Materials

The present statistical procedure describes how to check results for absence of bias by comparison of these analytical results with those obtained during the certification of CRMs. If the resulting data confirm the absence of bias, the method may be considered accurate when applied to all steels and irons whose composition ranges are adequately covered or bounded by the CRMs used. The resulting data give also an estimate of the repeatability and/or the intermediate precision ("intralaboratory reproducibility") for the CRMs used. The comparison of these analytical data with the repeatability data obtained during the certification may also be performed depending on the strict purpose of the method under consideration. **NOTE 1** For the purpose of this Technical Report, the use of existing CRMs is essential for the assessment of the trueness, but it may be only indicative for the other statistical data. **NOTE 2** This Technical Report does not describe the use of CRMs as calibrants, this subject being treated in ISO Guide 32.

Keel en

CEN/TS 14940-1:2009

Hind 92,00

Identne CEN/TS 14940-1:2009

Copper and copper alloys - Determination of chromium content - Part 1: Titrimetric method

This part of this document specifies a titrimetric method for the determination of the chromium content of copper and copper alloys in the form of castings or unwrought or wrought products. The method is applicable to products having chromium mass fractions between 0,10 % and 2,0 %.

Keel en

CEN/TS 15022-2:2009

Hind 105,00

Identne CEN/TS 15022-2:2009

Copper and copper alloys - Determination of tin content - Part 2: Spectrophotometric method

This part of this Technical Specification specifies the spectrophotometric method for the determination of tin content of copper and copper alloys in the form of unwrought, wrought and cast products. The method is applicable to products having tin mass fractions between 0,005 % and 0,5 %.

Keel en

CEN/TS 15656:2009

Hind 124,00

Identne CEN/TS 15656:2009

Copper and copper alloys - Determination of phosphorus content - Spectrophotometric method

This Technical Specification specifies a molybdovanadate spectrophotometric method for the determination of phosphorus in copper and copper alloys in the form of castings or unwrought or wrought products. The method is applicable to products having phosphorus mass fractions between 0,001 % and 0,5 %.

Keel en

EVS-EN 485-1:2008+A1:2009

Hind 155,00

Identne EN 485-1:2008+A1:2009

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

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

Keel en

Asendab EVS-EN 485-1:2008

EVS-EN 10349:2009

Hind 92,00

Identne EN 10349:2009

Steel castings - Austenitic manganese steel castings

This European Standard specifies austenitic manganese cast steels for wear-resistant service. The grades covered by this European Standard will experience maximum service life in applications where the surface of the casting is subject to impact. This European Standard retains the same format for clauses as EN 1559-1 and EN 1559-2. It shall be used in conjunction with these standards. Where no text is given under a clause heading, the corresponding clause of EN 1559-1 or EN 1559-2 applies. The structure of this standard is as follows: a) clauses and subclauses preceded by – indicates no additional conditions to Part 1 or Part 2 1) of EN 1559; b) subclauses without any marking are mandatory.

Keel en

EVS-EN ISO 3907:2009

Hind 92,00

Identne EN ISO 3907:2009

ja identne ISO 3907:2009

Kõvasulamid. Süsiniku üldsisalduse määramine. Kaalumeetod

This International Standard specifies a gravimetric method for the determination of the mass fraction of total carbon in carbides and hardmetals. This method is applicable to - carbides of chromium, hafnium, molybdenum, niobium, tantalum, titanium, vanadium, tungsten and zirconium, - mixtures of these carbides and binder metals, free of lubricant, - all grade of presintered or sintered hardmetals, produced from these carbides, and having a mass fraction of total carbon exceeding 4 %.

Keel en

Asendab EVS-EN 23907:2000

EVS-EN ISO 3908:2009

Hind 80,00

Identne EN ISO 3908:2009

ja identne ISO 3908:2009

Kõvasulamid. Lahustumatu (vaba) süsiniku sisalduse määramine. Kaalumeetod

This International Standard specifies a gravimetric method for the determination of the mass fraction of insoluble (free) carbon in carbides and hardmetals. This method is applicable to - carbides of hafnium, molybdenum, niobium, tantalum, titanium, vanadium, tungsten and zirconium, - mixtures of these carbides and binder metals, free of lubricant, and - all grades of presintered or sintered hardmetals, produced from these carbides, having a mass fraction of insoluble carbon between 0,02 % and 0,5 %.

Keel en

Asendab EVS-EN 23908:2000

EVS-EN ISO 4945:2009

Hind 92,00

Identne EN ISO 4945:2009

ja identne ISO 4945:1977

Steel - Determination of nitrogen content - Spectrophotometric method

This International Standard specifies a spectrophotometric method for the determination of the nitrogen content of non-alloy and low-alloy steels. This method allows the determination only of the nitrogen content which can be converted to an ammonium salt.

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 485-1:2008**

Identne EN 485-1:2008

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

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

Keel en

Asendab EVS-EN 485-1:2000

Asendatud EVS-EN 485-1:2008+A1:2009

EVS-EN 23907:2000

Identne EN 23907:1993

ja identne ISO 3907:1985

Kõvasulamid. Süsiniku üldsisalduse määramine. Kaalumeetod

Standard määrab kindlaks kaalumeetodi süsiniku üldsisalduse määramiseks kõvasulamites ja karbiidides.

Keel en

Asendatud EVS-EN ISO 3907:2009

EVS-EN 23908:2000

Identne EN 23908:1993

ja identne ISO 3908:1985

Kõvasulamid. Lahustumatu (vaba) süsiniku sisalduse määramine. Kaalumeetod

Standard määrab kindlaks kaalumeetodi lahustumatu (vaba) süsiniku sisalduse määramiseks kõvasulamites ja karbiidides.

Keel en

Asendatud EVS-EN ISO 3908:2009

KAVANDITE ARVAMUSKÜSITLUS

FprEN ISO 4499-1

Identne FprEN ISO 4499-1:2009
ja identne ISO 4499-1:2008
Tähtaeg 1.03.2010

Hardmetals - Metallographic determination of microstructure - Part 1: Photomicrographs and description

This part of ISO 4499 specifies the methods of metallographic determination of the microstructure of hardmetals using photomicrographs.

Keel en

Asendab EVS-EN 24499:2000

FprEN ISO 4499-2

Identne FprEN ISO 4499-2:2009
ja identne ISO 4499-2:2008
Tähtaeg 1.03.2010

Hardmetals - Metallographic determination of microstructure - Part 2: Measurement of WC grain size

This part of ISO 4499 gives guidelines for the measurement of hardmetal grain size by metallographic techniques only using optical or electron microscopy. It is intended for sintered WC/Co hardmetals (also called cemented carbides or cermets) containing primarily WC as the hard phase. It is also intended for measuring the grain size and distribution by the linear-intercept technique.

Keel en

Asendab EVS-EN 24499:2000

prEN ISO 11960

Identne prEN ISO 11960:2009
ja identne ISO/DIS 11960:2009
Tähtaeg 1.03.2010

Loodusliku ja naftagaasi tööstused. Terastorude kasutamine puuraukude mantelkorudeks või pumpamistorudeks

This International Standard specifies the technical delivery conditions for steel pipes (casing, tubing and pup joints), coupling stock, coupling material and accessory material/accessories and establishes requirements for three Product Specification Levels (PSL-1, PSL-2, PSL-3). The requirements for PSL-1 are the basis of this International Standard. The requirements that define different levels of standard technical requirements for PSL-2 and PSL-3, for all Grades except H-40, L-80 9Cr and C110, are contained in Annex H. For pipes covered by this International Standard, the sizes, masses and wall thicknesses as well as grades and applicable end-finishes are listed in Tables C.1 to C.3 and Tables E.1 to E.3. By agreement between the purchaser and manufacturer, this International Standard can also be applied to other plain-end pipe sizes and wall thicknesses.

Keel en

Asendab EVS-EN ISO 11960:2005

prEN ISO 12696

Identne prEN ISO 12696:2009
ja identne ISO/DIS 12696:2009
Tähtaeg 1.03.2010

Cathodic protection of steel in concrete

This International Standard specifies performance requirements for cathodic protection of steel in concrete, in both new and existing structures. It covers building and civil engineering structures, including normal reinforcement and prestressed reinforcement embedded in the concrete. It is applicable to uncoated steel reinforcement and to organic coated steel reinforcement. This International Standard applies to steel in atmospherically exposed, buried, submerged and tidal elements of buildings or structures.

Keel en

Asendab EVS-EN 12696:2000

79 PUIDUTEHNOLOOGIA

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TS 13307-2:2009

Hind 178,00
Identne CEN/TS 13307-2:2009

Laminated and finger jointed timber blanks and semi-finished profiles for non-structural uses - Part 2: Production control

This Technical Specification specifies the method of control and tests for glue bond performance of lamination and finger jointing processes employed in the production of timber blanks and semi-finished profiles (products) for joinery applications. The methods of control are set out to ensure the durability of the glue line according to the service class. The specific requirements for dimensions, stability and moisture content are given in EN 13307-1.

Keel en

EVS-EN 338:2009

Hind 105,00
Identne EN 338:2009

Ehituspuit. Tugevusklassid

This European Standard establishes a system of strength classes for general use in structural codes. It gives characteristic strength and stiffness properties and density values for each class and the rules for the allocation of timber populations (i.e. combinations of species, source and grade) to the classes. This standard is applicable to all softwood and hardwood timber for structural use.

Keel en

Asendab EVS-EN 338:2005

EVS-EN 1870-14:2007+A1:2009

Hind 256,00

Identne EN 1870-14:2007+A1:2009

Puidutöötlemismasinate ohutus.**Ketassaagimisseadmed. Osa 14: Vertikaalasetusega saeraam KONSOLIDEERITUD TEKST**

This document specifies all significant hazards, hazardous situations and events as listed in Clause 4 which are relevant to manually loaded and unloaded vertical panel sawing (with or without integrated feed) machines fitted with: - the facility for scoring; - an angle cutting device; - a middle support device; - a programmable stop for parallel vertical cuts; - the facility for grooving with a width of at most 20 mm in one pass by using a milling tools, hereinafter referred to as "machines" when they are used as intended and under the conditions foreseen by the manufacturer.

Keel en

Asendab EVS-EN 1870-14:2007

EVS-EN 1870-15:2005+A1:2009

Hind 243,00

Identne EN 1870-15:2004+A1:2009

Puidutöötlemismasinate ohutus.**Ketassaagimisseadmed. Osa 15: Integreeritud detaili etteandmissüsteemiga käsitsi laetavad ja/või tühjaks laetavad mitmeteralised järkamissaed KONSOLIDEERITUD TEKST**

This document specifies all requirements and or measures to reduce the hazards and limit the risks on multi-blade cross-cut sawing machines with integrated feed of the work-piece and manual loading and/or unloading fitted with a saw blade drive motor for each saw unit, hereinafter referred to as "machines", designed to cut solid wood, chipboard, fibreboard, plywood and also these materials where they are covered with plastic edging and/or plastic/light alloy laminates.

Keel en

Asendab EVS-EN 1870-15:2005

EVS-EN 1870-16:2005+A1:2009

Hind 256,00

Identne EN 1870-16:2005+A1:2009

Puidutöötlemismasinate ohutus.**Ketassaagimisseadmed. Osa 16: Topelt pendelsaagimisseadmed V-lõigete tegemiseks KONSOLIDEERITUD TEKST**

This document specifies all significant hazards, hazardous situations and events which are relevant to double mitre sawing machines for V-cutting with a maximum cutting capacity (width and height) of ≤ 200 mm, fitted or not with pneumatic systems, hereinafter referred to as the machine, designed to cut solid wood, chipboard, fibreboard or plywood and also these materials where they are covered with plastic laminate or edgings, when they are used as intended and under the conditions foreseen by the manufacturer (see Clause 4).

Keel en

Asendab EVS-EN 1870-16:2005

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 338:2005**

Identne EN 338:2003

Ehituspuit. Tugevusklassid

See standard sätestab tugevusklasside süsteemi üldiseks kasutamiseks ehitusnormides. Standard annab igale klassile tugevusomaduste, jäikusomaduste ja tiheduse tunnusväärtused ning reeglid puidukogumite (st liikide, päritolu ja sortide kombinatsioonide) klassidesse paigutamiseks. See standard kehtib kogu ehituses kasutatava okas- ja lehtpuidu puhul.

Keel et

Asendatud EVS-EN 338:2009

EVS-EN 1870-14:2007

Identne EN 1870-14:2007

Puidutöötlemismasinate ohutus.**Ketassaagimisseadmed. Osa 14: Vertikaalasetusega saeraam**

Käesolev Euroopa standard määrab kindlaks nõuded ja/või meetmed ohuolukordade kõrvaldamiseks ja ohtude vähendamiseks käsitsi toimuva materjali etteandega ja/või materjali vastuvõtmisega horisontaalasetusega saeraamide ja vertikaalasetusega saeraamide (edaspidi nimetatud "masinate") suhtes, mis on ette nähtud kõva puidu, puitkiudplaadi, kiudplaadi või vineeri lõikamiseks ja nende materjalide lõikamiseks, kui need on ääristatud plastservadega.

Keel en

Asendab EVS-EN 1870-2:1999

Asendatud EVS-EN 1870-14:2007+A1:2009

EVS-EN 1870-15:2005

Identne EN 1870-15:2004

Puidutöötlemismasinate ohutus.**Ketassaagimisseadmed. Osa 15: Integreeritud detaili etteandmissüsteemiga käsitsi laetavad ja/või tühjaks laetavad mitmeteralised järkamissaed**

This European Standard specifies the requirements and/or measures to reduce the hazards and limit the risks on multi-blade cross-cut sawing machines with integrated feed of the work-piece and manual loading and/or unloading fitted with a saw blade drive motor for each saw unit, hereinafter referred to as "machines", designed to cut solid wood, chipboard, fibreboard, plywood and also these materials where they are covered with plastic edging and/or plastic/light alloy laminates.

Keel en

Asendatud EVS-EN 1870-15:2005+A1:2009

EVS-EN 1870-16:2005

Identne EN 1870-16:2005

Puidutöötlemismasinate ohutus.**Ketassaagimisseadmed. Osa 16: Topelt pendelsaagimisseadmed V-lõigete tegemiseks**

This document deals with all significant hazards, hazardous situations and events which are relevant to double mitre sawing machines for V-cutting with a maximum cutting capacity (width and height) of ≤ 200 mm, fitted or not with pneumatic systems, hereinafter referred to as the machine, designed to cut solid wood, chipboard, fibreboard or plywood and also these materials where they are covered with plastic laminate or edgings, when they are used as intended and under the conditions foreseen by the manufacturer (see Clause 4).

Keel en

Asendatud EVS-EN 1870-16:2005+A1:2009

KAVANDITE ARVAMUSKÜSITLUS

prEN 13228

Identne prEN 13228:2009

Tähtaeg 1.03.2010

Wood flooring - Solid wood overlay flooring elements including blocks with an interlocking system

This European Standard specifies the characteristics of solid wood overlay flooring including blocks with an interlocking system for internal use as flooring. It applies to elements. This standard does not apply to panels made from elements, for which a separate standard is in course of preparation. This standard covers elements with and without surface coating.

Keel en

Asendab EVS-EN 13228:2003; EVS-EN 13228:2003/AC:2007

prEN 13647

Identne prEN 13647:2009

Tähtaeg 1.03.2010

Puit- ja parkettpõrandakate ja puitvooderdis ning pealistus. Geomeetriliste näitajate määramine

This European Standard specifies methods of measuring the geometrical characteristics of wood flooring and wood panelling and cladding elements. This document does not specify sampling, which is intended to be found in the product standards or test methods and it does not apply to elements which are installed.

Keel en

Asendab EVS-EN 13647:2003

81 KLAASI- JA KERAAMIKA-TÖÖSTUS

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 14232:2009

Hind 315,00

Identne EN 14232:2009

Advanced technical ceramics - Terms, definitions and abbreviations

This document is a vocabulary which provides a list of terms and associated definitions which are typically used for advanced technical ceramic materials, products, applications, properties and processes. The document contains, in separate lists, those abbreviations which have found general acceptance in scientific and technical literature; they are given together with the corresponding terms and definitions or descriptions.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

FprEN 843-7

Identne FprEN 843-7:2009

Tähtaeg 1.03.2010

Advanced technical ceramics - Mechanical properties of monolithic ceramics at room temperature - Part 7: C-ring tests

This European Standard describes a method for undertaking ultimate strength tests on slotted rings (C-rings) in order to determine the strength of ring or tube-shaped components in the manufactured geometry.

Keel en

FprEN 843-8

Identne FprEN 843-8:2009

Tähtaeg 1.03.2010

Advanced technical ceramics - Mechanical properties of monolithic ceramics at room temperature - Part 8: Guidelines for conducting proof tests

This European Standard describes requirements and methods for proof testing of advanced technical ceramic components. It provides general guidance concerning the design of the test and the methodology for the selection of loading conditions.

Keel en

FprEN 14425-3

Identne FprEN 14425-3:2009

Tähtaeg 1.03.2010

Advanced technical ceramics Test methods for determination of fracture toughness of monolithic ceramics Part 3: Chevron notched beam (CNB) method

This part of CEN/TS 14425 provides a test method for fracture toughness determination based on the chevron-notch method. For the purposes of this standard, the term monolithic includes particle and whisker reinforced advanced technical ceramics which can be regarded as macroscopically homogeneous. It does not include long-fibre reinforced ceramics

Keel en

Asendab CEN/TS 14425-3:2003

83 KUMMI- JA PLASTITÖÖSTUS

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TR 15822:2009

Hind 135,00

Identne CEN/TR 15822:2009

Plastics - Biodegradable plastics in or on soil - Recovery, disposal and related environmental issues

This Technical Report is intended to summarise the current state of knowledge and experience in the field of biodegradable plastics which are used on soil or end up in soil. It also addresses the links between use, disposal after use, degradation mechanisms and the environment. Therefore, this document is intended to provide a basis for the development of future standards. Its aim is to clarify the ideas and ensure a level playing field, without hiding possible needs for further research or areas of disagreement among experts.

Keel en

EVS-EN 201:2009

Hind 315,00

Identne EN 201:2009

Kummi- ja plastitöötlusmasinad. Survealumasinad. Ohutusnõuded

This European Standard specifies the essential safety requirements for injection moulding machines for the processing of plastics and/or rubber. All hazards listed in Clause 4 are covered by this standard. The following machines are not covered: - machines on which the clamping unit can only be operated by the physical force of the operator; - injection moulding machines with pneumatic drives for the platen movement; - injection moulding machines with vertical platen movements driven by an electrical axis; - blow moulding machines associated with an injection process (EN 422); - machines for reaction injection moulding (RIM) (EN 1612-1); - presses (EN 289); - footwear moulding machines covered by EN 1845.

Keel en

Asendab EVS-EN 201:1999; EVS-EN 201:1999/A1:2000; EVS-EN 201:1999/A2:2005

EVS-EN ISO 11357-1:2009

Hind 209,00

Identne EN ISO 11357-1:2009

ja identne ISO 11357-1:2009

Plastid. Skaneeriv diferentsiaalkalorimeetria (DSC). Osa 1: Üldpõhimõtted

ISO 11357 specifies several differential scanning calorimetry (DSC) methods for the thermal analysis of polymers and polymer blends, such as - thermoplastics (polymers, moulding compounds and other moulding materials, with or without fillers, fibres or reinforcements); - thermosets (uncured or cured materials, with or without fillers, fibres or reinforcements); - elastomers (with or without fillers, fibres or reinforcements). ISO 11357 is intended for the observation and measurement of various properties of, and phenomena associated with, the above-mentioned materials, such as - physical transitions (glass transition, phase transitions such as melting and crystallization, polymorphic transitions, etc.); - chemical reactions (polymerization, crosslinking and curing of elastomers and thermosets, etc.); - the stability to oxidation; - the heat capacity. This part of ISO 11357 specifies a number of general aspects of differential scanning calorimetry, such as the principle and the apparatus, sampling, calibration and general aspects of the procedure and test report common to all following parts. Details on performing specific methods are given in subsequent parts of ISO 11357 (see Foreword).

Keel en

Asendab EVS-EN ISO 11357-1:2000

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 201:1999/A2:2005

Identne EN 201:1997/A2:2005

Kummi- ja plastitöötlusmasinad. Survealumasinad. Ohutusnõuded

Käesolev standard määrab kindlaks olulised ohutusnõuded survealumasinatele, millega töödeldakse plaste ja/või kummit. Käesoleva standardiga on hõlmatud kõik jaotises 4 loetletud ohud.

Keel en

Asendatud EVS-EN 201:2009

EVS-EN 201:1999

Identne EN 201:1997

Kummi- ja plastitöötlusmasinad. Survealumasinad. Ohutusnõuded

Käesolev standard määrab kindlaks olulised ohutusnõuded survealumasinatele, millega töödeldakse plaste ja/või kummit. Käesoleva standardiga on hõlmatud kõik jaotises 4 loetletud ohud.

Keel en

Asendatud EVS-EN 201:2009

EVS-EN 201:1999/A1:2000

Identne EN 201:1997/A1:2000

Kummi- ja plastitöötlusmasinad. Survealumasinad. Ohutusnõuded. MUUDATUS

Käesolev standard määrab kindlaks olulised ohutusnõuded survealumasinatele, millega töödeldakse plaste ja/või kummit. Käesoleva standardiga on hõlmatud kõik jaotises 4 loetletud ohud.

Keel en

Asendatud EVS-EN 201:2009

EVS-EN ISO 11357-1:2000

Identne EN ISO 11357-1:1997

ja identne ISO 11357-1:1997

Plastid. Skaneeriv diferentsiaalkalorimeetria (DSC). Osa 1: Üldpõhimõtted

Käesolev standard määrab kindlaks termilise analüüsi meetodi selliste polümeeride kohta, nagu seda on termoplastid ja termoreaktiivsed plastid, kaasa arvatud mõlema liigi vormitavad materjalid. Analüüsil kasutatakse skaneerivat diferentsiaalkalorimeetriat (differential scanning calorimetry) (DSC).

Keel en

Asendatud EVS-EN ISO 11357-1:2009

KAVANDITE ARVAMUSKÜSITLUS

FprEN ISO 6179

Identne FprEN ISO 6179:2009

ja identne ISO/FDIS 6179:2009

Tähtaeg 1.03.2010

Rubber, vulcanized or thermoplastic - Rubber sheets and rubber-coated fabrics - Determination of transmission rate of volatile liquids (gravimetric technique)

This International Standard specifies two methods for determining, by measurement of the transmission rate, the permeability of rubber to volatile liquids diffusing into open air. It is applicable only to materials in sheet form and to coated fabrics having thicknesses between 0,2 mm and 3,0 mm. It is restricted to transmission rates of more than 0,1 g/m²·h. The methods are particularly useful for comparing the relative transmission rates of one liquid through different materials, or of several liquids through one material. Method A, with refilling, is used when testing mixtures of liquids which give different transmission rates. Method B, with no refilling, is used for a single-component liquid.

Keel en

Asendab EVS-EN ISO 6179:2001

85 PABERITEHNOLOOGIA

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN 1010-3:2002+A1:2009

Hind 188,00

Identne EN 1010-3:2002+A1:2009

Masinate ohutus. Ohutusnõuded paberivalmistamis- ja viimistlusmasinate kavandamisele ja valmistamisele. Osa 3: Lõikemasinad **KONSOLIDEERITUD TEKST**

This European Standard applies to cutting machines used in paper converting: - guillotines; - three-knife trimmers; - index cutting machines; - trimmers; - rotary cutters; - round cornering machines; - label punching machines.

Keel en

Asendab EVS-EN 1010-3:2002

EVS-EN 1010-4:2004+A1:2009

Hind 271,00

Identne EN 1010-4:2004+A1:2009

Masinate ohutus. Ohutusnõuded paberivalmistamis- ja viimistlusmasinate kavandamisele ja valmistamisele. Osa 4: Raamatute köitmise, paberi ümbertöötlemise ja viimistlusseadmed **KONSOLIDEERITUD TEKST**

This document applies to - bookbinding machines: - stitching, riveting, eyeletting and attaching machines; - gang stitchers; - gathering machines; - perfect binders; - paper drills; - book signature presses; - book presses; - sheet folding machines; - book production lines for the production of books with hard covers; - back rounding and pressing machines; - backlining and head banding machines; - casing-in machines; - book cover crease forming machines. - paper converting machines: - machines for the production of envelopes; - machines for the production of sanitary items; - inserting machines; - counter-stackers; - paper embossing machines. - paper finishing machines: - coaters; - laminators.

Keel en

Asendab EVS-EN 1010-4:2004

EVS-EN 1230-1:2009

Hind 105,00

Identne EN 1230-1:2009

Paper and board intended to come into contact with foodstuffs - Sensory analysis - Part 1: Odour

This European Standard specifies the test method for assessment of the odour released by a paper or board sample. It is applicable to all kinds of paper and board, including coated and/or printed material, intended to come into direct or indirect contact with foodstuffs. It is not applicable for the determination of consumers' preference.

Keel en

Asendab EVS-EN 1230-1:2001

EVS-EN 1230-2:2009

Hind 135,00

Identne EN 1230-2:2009

Paper and board intended to come into contact with foodstuffs - Sensory analysis - Part 2: Off-flavour (taint)

This European Standard specifies whether a paper or board sample contains substances which may be transmitted through the air space to a test substance and affect its taste. It is applicable to all kinds of paper and board, including coated and printed material, intended to come into contact with foodstuffs. It is not applicable for the determination of consumers' preference.

Keel en

Asendab EVS-EN 1230-2:2001

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 1010-3:2002

Identne EN 1010-3:2002

Masinate ohutus. Ohutusnõuded paberivalmistamis- ja viimistlusmasinate kavandamisele ja valmistamisele. Osa 3: Lõikemasinad

This European Standard applies to cutting machines used in paper converting: - guillotines; - three-knife trimmers; - index-cutting machines; - trimmers; - rotary cutters; - round cornering machines; - label punching machines. This European Standard shall be used together with prEN 1010 :2000

Keel en

Asendatud EVS-EN 1010-3:2002+A1:2009

EVS-EN 1010-4:2004

Identne EN 1010-4:2004

Masinate ohutus. Ohutusnõuded paberivalmistamis- ja viimistlusmasinate kavandamisele ja valmistamisele. Osa 4: Raamatute köitmise, paberi ümbertöötlemise ja viimistlusseadmed

This document applies to - bookbinding machines: - stitching, riveting, eyeletting and attaching machines; - gang stitchers; - gathering machines; - perfect binders; - paper drills; - book signature presses; - book presses; - sheet folding machines; - book production lines for the production of books with hard covers; - back rounding and pressing machines.

Keel en

Asendatud EVS-EN 1010-4:2004+A1:2009

EVS-EN 1230-2:2001

Identne EN 1230-2:2001+AC:2002

Paper and board intended for contact with foodstuffs - Sensory analysis - Part 2: Off-flavour (taint)

This European Standard specifies whether a paper or board sample contains substances which may be transmitted through the air space to a test substance and affect its taste. It is applicable to all kinds of paper and board, including coated and printed material, intended to come into contact with foodstuffs. It is not applicable for the determination of consumers' preference.

Keel en

Asendatud EVS-EN 1230-2:2009

EVS-EN 1230-1:2001

Identne EN 1230-1:2001

Paper and board intended for contact with foodstuffs - Sensory analysis - Part 1: Odour

This European Standard specifies the test method for assessment of the odour released by a paper or board sample. It is applicable to all kinds of paper and board, including coated and/or printed material, intended to come into direct or indirect contact with foodstuffs. It is not applicable for the determination of consumers' preference.

Keel en

Asendatud EVS-EN 1230-1:2009

KAVANDITE ARVAMUSKÜSITLUS

prEN ISO 5264-2

Identne prEN ISO 5264-2:2009

ja identne ISO/DIS 5264-2:2009

Tähtaeg 1.03.2010

Tehnilised tselluloosid. Laboratoorne jahvatamine.

Osa 2: PFI-veski meetod

This part of ISO 5264 specifies a method for the laboratory beating of pulp using a PFI mill. The description is limited to the sampling, preparation and beating of the pulp and the beating equipment.

Keel en

Asendab EVS-EN ISO 5264-2:2003

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

UUED STANDARDID JA PUBLIKATSIOONID

EVS-EN ISO 7579:2009

Hind 124,00

Identne EN ISO 7579:2009

ja identne ISO 7579:2009

Dyestuffs - Determination of solubility in organic solvents - Gravimetric and photometric methods

This International Standard specifies two methods for determining the solubility of dyestuffs in organic solvents. They are applicable to dyestuffs that do not change chemically under the influence of the solvent and are stable and non-volatile under the specified drying conditions. For volatile solvents (boiling point < 120 °C), the gravimetric procedure is recommended and, for less volatile solvents (boiling point > 120 °C), the photometric procedure is recommended. The choice of procedure should be made on a case-by-case basis. The methods are suitable for concentrations between 1 g and 1 000 g of dyestuff per litre of solvent. Higher concentrations can be used provided the viscosity of the solution is such that the procedure can be carried out readily. The methods are not suitable for the determination of insoluble matter in a dyestuff.

Keel en

Asendab EVS-EN ISO 7579:2000

EVS-EN 50176:2009

Hind 178,00

Identne EN 50176:2009

Kohtkindlad süttiva vedela pinnakattematerjali elektrostaatilised pihustusseadmed. Ohutusnõuded

This European Standard specifies the requirements for stationary electrostatic application equipment for ignitable liquid coating materials and for hard to ignite liquid coating materials to be used in explosive atmospheres generated by their own spray cloud. A distinction is made between spraying systems corresponding to EN 50050 and spraying systems designed for higher discharge energies and/or currents.

Keel en

Asendab EVS-EN 50176:2002

EVS-EN 50177:2009

Hind 178,00

Identne EN 50177:2009

Kohtkindlad süttiva pulber-pinnakattematerjali elektrostaatilised pihustusseadmed. Ohutusnõuded

This European Standard specifies the requirements for stationary electrostatic application equipment for ignitable coating powders to be used in explosive atmospheres generated by their own spray cloud. A distinction is made between spraying systems corresponding to EN 50050:2001 and spraying systems designed for higher discharge energies and/or currents. The charging of ignitable coating powder can be achieved by applying high voltage or triboelectrically.

Keel en

Asendab EVS-EN 50177:2006; EVS-EN 50177:2006/AC:2007

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN ISO 7579:2000

Identne EN ISO 7579:1996

ja identne ISO 7579:1990

Värvained. Lahustuvuse määramine orgaanilistes lahustites. Kaalanalüüsimetod

Standard esitab meetodi värvainete lahustuvuse määramiseks orgaanilistes lahustites. Standardit saab rakendada selliste värvainete suhtes, mis lahusti toimel keemiliselt ei muutu, on määratud kuivatamistingimuste korral stabiilsed ja lendumatud. Meetodit saab rakendada kontsentratsioonivahemikus 1æ1000 g värvainet ühe liitri lahusti kohta. Meetodit ei saa rakendada lahustumatu aine määramiseks värvaines.

Keel en

Asendatud EVS-EN ISO 7579:2009

KAVANDITE ARVAMUSKÜSITLUS

EN 12581:2006/FprA1

Identne EN 12581:2005/FprA1:2009

Tähtaeg 1.03.2010

Pindamisseadmed. Sukel- ja elektrofoor-pindamismasinad orgaaniliste vedelike pindamismaterjalide kasutamiseks. Ohutusnõuded

This European Standard applies to the design and construction of machinery for dip coating and electrodeposition of organic liquid coating material to industrial items.

Keel en

EN 12621:2006/FprA1

Identne EN 12621:2006/FprA1:2009

Tähtaeg 1.03.2010

Masinad kattematerjalide etteandmiseks ja tsirkuleerimiseks rõhu all. Ohutusnõuded

This European Standard applies to the design and construction of machinery for the supply and circulation of coating and/or auxiliary materials under pressure – in the following called "machine" (see 3.1). The coating material is supplied by air pressure or airless.

Keel en

EN 12757-1:2005/FprA1

Identne EN 12757-1:2005/FprA1:200

Tähtaeg 1.03.2010

Kattematerjalide segamise masinad. Ohutusnõuded. Osa 1: Sõidukites kasutatavad segamismasinad

This European Standard applies to the design and construction of mixing machinery for liquid coating materials equipped with container of maximal volume ≤ 10 l used by vehicle refinishers and their coating materials distributors.

Keel en

91 EHTUSMATERJALID JA EHTUS**UUED STANDARDID JA PUBLIKATSIOONID****CEN/TR 115-3:2009**

Hind 178,00

Identne CEN/TR 115-3:2009

Safety of escalators and moving walks - Part 3: Correlation between EN 115:1995 and its amendments and EN 115-1:2008

This technical report applies to escalators and moving walks built in accordance with EN 115-1:2008.

Keel en

CEN/TR 1749:2009

Hind 198,00

Identne CEN/TR 1749:2009

European scheme for the classification of gas appliances according to the method of evacuation of the combustion products (types)

The general scheme for type A, type B and type C appliances is given in 1.1, 1.2 and 1.3 respectively. Diagrams are also given in Annex A to assist in the identification of the various appliance types.

Keel en

CEN/TS 81-83:2009

Hind 166,00

Identne CEN/TS 81-83:2009

Safety rules for the construction and installation of lifts - Existing lifts - Part 83: Rules for the improvement of the resistance against vandalism

1.1 This Technical Specification provides ways on how to apply EN 81-71 referred to in EN 81-80:2003 [2], 5.3 to existing lifts in order to improve their vandal resistance. 1.2 This document applies to permanently installed lifts serving defined landing levels, having a car designed for the transportation of persons or persons and goods and moving between guide rails inclined not more than 15° to the vertical.

Keel en

EN ISO 10077-1:2006/AC:2009

Hind 0,00

Identne EN ISO 10077-1:2006/AC:2009

ja identne ISO 10077-1:2006/AC:2009

Akende, uste ja luukide soojustehniline toimivus. Soojustihvuse arvutus. Osa 1: Üldosa

Keel en

EVS-EN 933-11:2009/AC:2009

Hind 0,00

Tests for geometrical properties of aggregates - Part 11: Classification test for the constituents of coarse recycled aggregate

Keel en

EVS-EN 1367-2:2009

Hind 135,00

Identne EN 1367-2:2009

Täitematerjalide soojustlike omaduste ja ilmastikukindluse katsetamine. Osa 2: Magneesiumsulfaadi katse

This European Standard describes the reference method used for type testing and in cases of dispute for assessing how an aggregate behaves when subjected to the cyclic action of immersion in magnesium sulfate, followed by oven drying. For other purposes, in particular factory production control, other methods may be used provided that an appropriate working relationship with the reference method has been established.

Keel en

Asendab EVS-EN 1367-2:2000

EVS-EN 1990:2002/A1:2006+NA:2009

Hind 219,00

Identne EN 1990 AMD 1:2005

Eurokoodeks: Ehituskonstruksioonide projekteerimise alused. Muudatus A1. Lisa A2: Rakendamise sildade puhul

EN 1990 lisa A2 annab reeglid ja meetodid koormuskombinatsioonide moodustamiseks, mis on vajalikud kasutatavuse ja piirseisundi kontrollimisel (v.a väsimuskontroll) koos püsiva, muutuva ja erakorrallise koormuse soovituslike arvutusväärtustega ning psii-teguritega, mida tuleb kasutada maantee-sildade, jalakäijasisildade ja raudteesildade projekteerimisel. Ta on rakendatav ka ehitusaegsete koormuste puhul. Lisaks sellele on antud ka meetodid ja reeglid mõnede materjalist sõltuvate kasutatavuse piirseisundite kontrollimiseks.

Keel et

EVS-EN 1992-3/NA:2009

Hind 80,00

Eurokoodeks 2: Raudbetoonkonstruksioonide projekteerimine. Osa 3: Tammid ja mahutid. Eesti standardi rahvuslik lisa

EN 1992 Osa 3 annab täiendavad reeglid Osas 1 esitatutele vedelike ja teraliste (graanulmaterjalid) täitematerjalide mahutite projekteerimiseks raudbetoonist või eelpingestatud betoonist, armeerimata või vähearmeeritud betoonist.

Keel et

EVS-EN 1992-3:2006+NA:2009

Hind 178,00

Identne EN 1992-3:2006

ja identne EVS-EN 1992-3/NA:2009

Eurokoodeks 2: Raudbetoonkonstruktsioonide projekteerimine. Osa 3: Tammid ja mahutid

EN 1992 Osa 3 annab täiendavad reeglid Osas 1 esitatutele vedelike ja teraliste (graanulmaterjalid) täitematerjalide mahutite projekteerimiseks raudbetoonist või eelpingestatud betoonist, armeerimata või vähearmeeritud betoonist.

Keel et

EVS-EN 1993-1-3:2006/AC2:2009

Hind 0,00

Identne EN 1993-1-3:2006/AC:2009

Eurokoodeks 3: Teraskonstruktsioonide projekteerimine. Osa 1-3: Üldreeglid ja lisareeglid külmvormitud profiilidele ja profiilplekile.

Keel en

Asendab EVS-EN 1993-1-3:2006/AC:2009

EVS-EN 1999-1-4:2007/AC:2009

Hind 0,00

Identne EN 1999-1-4:2007/AC:2009

Eurokoodeks 9: Alumiiniumkonstruktsioonide projekteerimine. Osa 1-4: Külmaltsitud lehtmaterjal

Keel en

EVS-EN 1999-1-5:2007/AC:2009

Hind 0,00

Identne EN 1999-1-5:2007/AC:2009

Eurokoodeks 9: Alumiiniumkonstruktsioonide projekteerimine. Osa 1-5: Koorikkonstruktsioonid

Keel en

EVS-EN 12390-6:2009

Hind 114,00

Identne EN 12390-6:2009

Kivistunud betooni katsetamine. Osa 6: Katsekehade lõhestustõmbetugevus

Käesolev standard esitab kivistunud betoonist silindrikujuliste katsekehade lõhestustõmbetugevuse määramise meetodi. Kuubi- ja prismakujuliste katsekehade katsetamisel põhinev meetod on esitatud lisas A.

Keel en

Asendab EVS-EN 12390-6:2002; EVS-EN 12390-6:2002/AC:2004

EVS-EN 13941:2009/AC:2009

Hind 0,00

Identne EN 13941:2009/AC:2009

Eelisoleeritud seotud kaugküttetorustike projekteerimine ja paigaldamine

Keel en

EVS-EN 14303:2009

Hind 209,00

Identne EN 14303:2009

Thermal insulation products for building equipment and industrial installations - Factory made mineral wool (MW) products - Specification

This European Standard specifies the requirements for factory made mineral wool products, which are used for the thermal insulation of building equipment and industrial installations with an operating temperature range of approximately 0 °C to + 800 °C.

Keel en

EVS-EN 14304:2009

Hind 219,00

Identne EN 14304:2009

Thermal insulation products for building equipment and industrial installations - Factory made flexible elastomeric foam (FEF) products - Specification

This European Standard specifies the requirements for factory made flexible elastomeric foam products which are used for the thermal insulation of building equipment and industrial installations with an operating temperature in the range of approximately - 200 °C to + 175 °C.

Keel en

EVS-EN 14305:2009

Hind 229,00

Identne EN 14305:2009

Thermal insulation products for building equipment and industrial installations - Factory made cellular glass (CG) products - Specification

This European Standard specifies the requirements for factory made cellular glass products which are used for the thermal insulation of building equipment and industrial installations with an operating temperature range of approximately - 265 °C to + 430 °C.

Keel en

EVS-EN 14306:2009

Hind 219,00

Identne EN 14306:2009

Thermal insulation products for building equipment and industrial installations - Factory made calcium silicate (CS) products - Specification

This European Standard specifies the requirements for factory made calcium silicate products which are used for the thermal insulation of building equipment and industrial installations with an operating temperature range of approximately - 170°C to + 1 100 °C.

Keel en

EVS-EN 14307:2009

Hind 219,00

Identne EN 14307:2009

Thermal insulation products for building equipment and industrial installations - Factory made extruded polystyrene foam (XPS) products - Specification

This European Standard specifies the requirements for factory made extruded polystyrene foam products which are used for the thermal insulation of building equipment and industrial installations with an operating temperature in the range of approximately - 180 °C to + 75 °C.

Keel en

EVS-EN 14308:2009

Hind 256,00

Identne EN 14308:2009

Hoonete tehnoeadmete ja tööstuslike paigaldiste soojusisolatsioonitooted. Tehases toodetud poliüuretaanvahust ja poliüisotsüanuraatvahust jäigad tooted. Tehniline kirjeldus

This European Standard specifies the requirements for factory made rigid polyurethane foam (PUR) and polyisocyanurate foam (PIR) products, with a closed cell content not less than 90 %, with or without facings, which are used for the thermal insulation of building equipment and industrial installations, with an operating temperature range of approximately, - 200 °C to + 200 °C.

Keel en

EVS-EN 14309:2009

Hind 243,00

Identne EN 14309:2009

Thermal insulation products for building equipment and industrial installations - Factory made products of expanded polystyrene (EPS) - Specification

This European Standard specifies the requirements for factory made products of expanded polystyrene which are used for the thermal insulation of building equipment and industrial installations with an operating temperature range of approximately - 180 °C to + 80 °C. Modified expanded polystyrene polymers with a higher temperature resistance are also covered by this standard.

Keel en

EVS-EN 14313:2009

Hind 209,00

Identne EN 14313:2009

Thermal insulation products for building equipment and industrial installations - Factory made polyethylene foam (PEF) products - Specification

This European Standard specifies the requirements for factory made flexible polyethylene foam products which are used for the thermal insulation of building equipment and industrial installations with an operating temperature in the range of approximately - 80 °C to + 150 °C.

Keel en

EVS-EN 14314:2009

Hind 243,00

Identne EN 14314:2009

Thermal insulation products for building equipment and industrial installations - Factory made phenolic foam (PF) products - Specification

This European Standard specifies the requirements for factory made phenolic foam products which are used for the thermal insulation of building equipment and industrial installations with an operating temperature in the range of approximately - 200 °C to + 120 °C.

Keel en

EVS-EN 14459:2007/AC:2009

Hind 0,00

Identne EN 14459:2007/AC:2009

Control functions in electronic systems for gas burners and gas burning appliances - Methods for classification and assessment

Keel en

EVS-EN 14891:2007/AC2:2009

Hind 0,00

Identne EN 14891:2007/AC:2009

Liquid applied water impermeable products for use beneath ceramic tiling bonded with adhesives - Requirements, test methods, evaluation of conformity, classification and designation

Keel EN

Asendab EVS-EN 14891:2007/AC:2009

EVS-EN 15080-8:2009

Hind 229,00

Identne EN 15080-8:2009

Extended application of results from fire resistance tests - Part 8: Beams

This part of EN 15080 identifies the parameters and factors that affect the fire resistance of beams and need to be taken into account when considering extended application of results of beams tested in accordance with EN 1365-3. It also gives the methodology to be used when preparing an extended application, including rules and calculation methods which can be applied to establish the resultant influence of a variation in one or more parameters and to determine the field of extended application.

Keel en

EVS-EN 15129:2009

Hind 377,00

Identne EN 15129:2009

Anti-seismilised seadmed

This European Standard covers the design of devices that are provided in structures, with the aim of modifying their response to the seismic action. It specifies functional requirements and general design rules for the seismic situation, material characteristics, manufacturing and testing requirements, as well as evaluation of conformity, installation and maintenance requirements. This European Standard covers the types of devices and combinations thereof as defined in 3.4.

Keel en

EVS-EN 15200:2007/AC:2009

Hind 0,00

Identne EN 15200:2007/AC:2009

Sanitary appliances - Multifunction shower cabinets

Keel en

EVS-EN 15254-5:2009

Hind 155,00

Identne EN 15254-5:2009

Extended application of results from fire resistance tests - Non-loadbearing walls - Part 5: Metal sandwich panel construction

This part of EN 15254 defines rules for extended applications, provides guidance, and, where appropriate, defines procedures, for variations of certain parameters and factors associated with the design of internal and external non-loadbearing walls constructed of metal sandwich panels and that have been tested in accordance with EN 1364-1. EN 15254-5 applies for self-supporting, double skin metal faced sandwich panels having an insulating core bonded to both facings as defined in EN 14509.

Keel en

EVS-EN 15269-7:2009

Hind 295,00

Identne EN 15269-7:2009

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 7: Fire resistance for steel sliding doorsets

This European Standard, which should be read in conjunction with prEN 15269-1, covers the following types of steel based doorsets: horizontally sliding doorsets (single and double), telescopic doorsets (single and double) and single vertically sliding 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

EVS-EN 15715:2009

Hind 315,00

Identne EN 15715:2009

Thermal insulation products - Instructions for mounting and fixing for reaction to fire testing - Factory made products

This European Standard specifies instructions for mounting and fixing for reaction to fire testing of factory made thermal insulation products.

Keel en

EVS-EN ISO 3822-3:1999/A1:2009

Hind 68,00

Identne EN ISO 3822-3:1997/A1:2009

ja identne ISO 3822-3:1997/Amd 1:2009

Akustika. Veevarustussüsteemis kasutatavate armatuuri ja seadmete poolt tekitatava müra laborikatsed. Osa 3: Torustikus paiknevate ventiilide ja armatuuri paigaldamise ja kasutamise tingimused

Standard kirjeldab torustikus paiknevate ventiilide ja armatuuri paigaldamise ja kasutamise tingimusi, kui mõeldakse veevarustuspaigaldiste müra.

Keel en

EVS-EN ISO 9047:2003/AC:2009

Hind 0,00

Identne EN ISO 9047:2003/AC:2009

ja identne ISO 9047:2001/Cor.1:2009

Building construction - Jointing products - Determination of adhesion/cohesion properties of sealants at variable temperatures

Keel en

EVS-EN 1991-1-7/NA:2009

Hind 145,00

Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 1-7: Üldkoormused. Erakorralised koormused. Eesti standardi rahvuslik lisa

Standard EN 1991-1-7 annab juhised ja reeglid hoonete ja muude ehitiste ohutuse tagamiseks identifitseeritud ja identifitseerimata erakordsete koormuste mõjumisel.

Keel et

EVS-EN 1991-1-7:2006+NA:2009

Hind 271,00

Identne EN 1991-1-7:2006

ja identne EVS-EN 1991-1-7/NA:2009

Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 1-7: Üldkoormused. Erakorralised koormused

Standard EN 1991-1-7 annab juhised ja reeglid hoonete ja muude ehitiste ohutuse tagamiseks identifitseeritud ja identifitseerimata erakordsete koormuste mõjumisel.

Keel et

EVS-EN 1993-3-2/NA:2009

Hind 124,00

Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 3-2: Tornid, mastid ja korstnad. Korstnad. Eesti standardi rahvuslik lisa

Käesolev standardi EN 1993 osa 3.2 annab juhised ringikujulise või koonilise ristlõikega vertikaalsete teraskorstnate projekteerimiseks. Käsitlus hõlmab konsoolsed, vantkinnitusega ning vahetasanditel osaliselt toetatud korstnad.

Keel et

EVS-EN 1993-3-2:2006+NA:2009

Hind 219,00

Identne EN 1993-3-2:2006

ja identne EVS-EN 1993-3-2/NA:2009

Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 3-2: Tornid, mastid ja korstnad. Korstnad

Käesolev standardi EN 1993 osa 3.2 annab juhised ringikujulise või koonilise ristlõikega vertikaalsete teraskorstnate projekteerimiseks. Käsitlus hõlmab konsoolsed, vantkinnitusega ning vahetasanditel osaliselt toetatud korstnad.

Keel et

ASENDATUD VÕI TÜHISTATUD STANDARDID**EVS-EN 1367-2:2000**

Identne EN 1367-2:1998

Täitematerjalide soojuslike omaduste ja ilmastikukindluse katsetamine. Osa 2: Magneesiumsulfaadi katse

Käesolev standard määratleb meetodi täitematerjali vastupidavuse hindamiseks magneesiumsulfaadi lahuses immutamise ja sellele järgneva kuivatuskapis kuivatamise tsükli toimele. MÄRKUS. Selle meetodiga võib katsetada enamike täitematerjalide ilmastikukindlust. Katse täpsuse hinnangud mõningatele kivimitele on esitatud lisas A. Kõikidele kivimitüüpidele ei pruugi see katse sobida. Piirangud mõningate karbonaatsete ja kõrge magneesiumi sisaldusega mineraale või peitkristallilist kvartsi sisaldavate täitematerjalide kohta on esitatud teistes allikates.

Keel et

Asendatud EVS-EN 1367-2:2009

EVS-EN 12390-6:2002

Identne EN 12390-6:2000

Kivistunud betooni katsetamine. Osa 6: Katsekehade lõhestustõmbetugevus

Käesolev standard esitab kivistunud betoonist silindrikujuliste katsekehade lõhestustõmbetugevuse määramise meetodi. Kuubi- ja prismakujuliste katsekehade katsetamisel põhinev meetod on esitatud lisas A.

Keel et

Asendatud EVS-EN 12390-6:2009

EVS-EN 12390-6:2002/AC:2004

Identne EN 12390-6:2000/AC:2004

Kivistunud betooni katsetamine. Osa 6: Katsekehade lõhestustõmbetugevus

Keel en

Asendatud EVS-EN 12390-6:2009

KAVANDITE ARVAMUSKÜSITLUS

FprEN 13859-1

Identne FprEN 13859-1:2009

Tähtaeg 1.03.2010

Elastsed niiskisolatsioonimaterjalid. Aluskihtide definitsioonid ja omadused. Osa 1: Mitmest osast koosnevate katuste alusmaterjalid

This document specifies the characteristics of flexible sheets for underlays which are to be used under roof covering of discontinuous roofs. It specifies the requirements and test methods and provides for the evaluation of conformity of the products with the requirements of this document.

Keel en

Asendab EVS-EN 13859-1:2005+A1:2008

FprEN 13859-2

Identne FprEN 13859-2:2009

Tähtaeg 1.03.2010

Elastsed niiskisolatsioonimaterjalid. Aluskihtide definitsioonid ja omadused. Osa 2: Seinte alusmaterjalid

This document specifies the characteristics of flexible sheets for underlays for walls which are to be used in walls behind outside wall coverings in order to avoid penetration of wind and water from outside. It specifies the requirements and test methods and provides for the evaluation of conformity of the products with the requirements of this document.

Keel en

Asendab FprEN 13859-2

FprEN 14319-2

Identne FprEN 14319-2:2009

Tähtaeg 1.03.2010

Thermal insulating products for building equipment and industrial installations - In-situ formed dispensed rigid polyurethane (PUR) and polyisocyanurate foam (PIR) products - Part 2: Specification for the installed insulation products

This European Standard specifies requirements for in-situ formed dispensed polyurethane (PUR) and polyisocyanurate (PIR) foam products for the insulation of building equipment industrial installations, for example storage vessels, pipes and ducts used for the supply of fuels, oil, other liquids, hot and cold water, air and other gases. Depending on the type of foam products complying with this European Standard, they may have service temperature ranges which lie within the limits of $\pm 200^{\circ}\text{C}$.

Keel en

FprEN 15599-1

Identne FprEN 15599-1:2009

Tähtaeg 1.03.2010

Ehituslikud ja töenduslikud soojusisolatsioonitooted. In situ paisutatud perliidist (EP) toodetest moodustatud soojusisolatsioon. Osa 1: Tihendatud ja puistetoodete spetsifikatsioon enne paigaldamist

This European Standard specifies the requirements for expanded perlite products which are used for the thermal insulation of building equipment and industrial installations with an operating temperature in the range of approximately -270°C to $+650^{\circ}\text{C}$. This European Standard specifies the requirements for the four types of expanded perlite products Perlite Aggregate (EPA), Coated Perlite (EPC), Hydrophobic Perlite (EPH) and Premixed Perlite (EPM), containing less than 1 % by mass organic material as determined by Annex C. This European Standard is a specification for the insulation products before installation. This European Standard describes the product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling.

Keel en

FprEN 15600-1

Identne FprEN 15600-1:2009

Tähtaeg 1.03.2010

Ehituslikud ja töenduslikud soojusisolatsioonitooted. In situ paisutatud vermikuliidist (EV) toodetest moodustatud soojusisolatsioon. Osa 1: Tihendatud ja puistetoodete spetsifikatsioon enne paigaldamist

This European Standard specifies the requirements for exfoliated vermiculite products which are used for the thermal insulation of building equipment and industrial installations with an operating temperature in the range of approximately -40°C to $+1050^{\circ}\text{C}$. This European Standard specifies the requirements for the four types of exfoliated vermiculite products Vermiculite Aggregate (EVA), Coated Vermiculite (EVC) Hydrophobic Vermiculite (EVH) and Premixed Vermiculite (EVM), containing less than 1 % by mass organic material as determined by Annex C. This European Standard is a specification for the insulation products before installation. This European Standard describes the product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling.

Keel en

FprEN 15727

Identne FprEN 15727:2009

Tähtaeg 1.03.2010

Ventilation for buildings - Ducts and ductwork components, leakage classification and testing

This document applies to technical ductwork products, intended for installation in ductwork conforming to EN 1505 and EN 1506, used in air conditioning and ventilation systems defined in the scope of CEN/TC 156. This document specifies the leakage requirements for technical ductwork products, i.e. components in the ductwork that has more functions than conveying air, such as sound attenuators, filter boxes and duct fans etc. The following products are not within the scope of this document: - Ductwork components like bends, reducers and T-pieces are not within the scope of this document. EN 12237 and EN 1507 apply. - Flexible ducts according to EN 13180. - Ducts made of insulation ductboards according to EN 13403. - Dampers according to EN 1751. - Air handling units according to EN 1886. This document is a parallel standard to EN 12237, EN 1507 and EN 1751, based on the same leakage classification.

Keel en

FprHD 60364-5-52/FprAA

Identne FprHD 60364-5-52:2009/FprAA:2009

Tähtaeg 1.03.2010

Low-voltage electrical installations - Part 5-52: Selection and erection of electrical equipment - Wiring systems

Part 5-52 of IEC 60364 deals with the selection and erection of wiring systems.

Keel en

prEN 58

Identne prEN 58:2009

Tähtaeg 1.03.2010

Bituumen ja bituumensideained. Bituumensideainete proovide võtmine

Käesolev dokument kirjeldab bituumensideainete proovide võtmise meetodeid uuritava materjali keskmise kvaliteedi määramiseks ja/või keskmisest kvaliteedist kõrvalekallete määramiseks.

Keel en

Asendab EVS-EN 58:2004

prEN 13614

Identne prEN 13614:2009

Tähtaeg 1.03.2010

Bitumen and bituminous binders - Determination of adhesivity of bituminous emulsions by water immersion test

This European Standard specifies a method for determining the adhesion of a bituminous emulsion coated onto aggregate when immersed in water. The method considers two different aspects of adhesivity i.e. immediate adhesivity and water effect on binder adhesion. The method may be used with a reference aggregate. In that case, it measures the intrinsic adhesion behaviour of a bituminous emulsion. The method may also be used with a specific aggregate as used on a job site. Conformity to the "adhesivity" requirement specified in EN 13808 is to be assessed while measuring the water effect on binder adhesion with a reference aggregate. **WARNING** - The use of this European Standard may involve hazardous materials, operations and equipment. This European Standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this European Standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Keel en

Asendab EVS-EN 13614:2004

prEN 16025-1

Identne prEN 16025-1:2009

Tähtaeg 1.03.2010

Thermal and/or sound insulating products in building construction - Bound EPS ballastings - Part 1: Requirements for factory premixed EPS dry plaster

This European Standard specifies the requirements for in-situ formed bound EPS products (BEPS) for the thermal and/or sound insulation of buildings when applied to walls, ceilings, roofs and floors. The products are manufactured as factory premixed EPS dry mortar. This Part 1 of the standard is a specification for the bound EPS products before installation. Part 1 of this European standard describes the product characteristics and includes procedures for testing, marking and labelling. And the rules for evaluation of conformity. The standard does not specify the required class or level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application. The classes and levels required for a given application are to be found in regulations or non-conflicting standards. Products with a declared thermal conductivity at 10 °C greater than 0,18 W/(m · K) are not covered by this standard. This standard does not cover factory made insulation products in the form of prefabricated shapes or boards made of bound EPS. This European Standard also specifies performance requirements for airborne sound insulation and for acoustic absorption applications.

Keel en

prEN 16025-2

Identne prEN 16025-2:2009

Tähtaeg 1.03.2010

Thermal and/ or sound insulating products in building construction - Bound EPS ballastings - Part 2: Processing of the factory premixed EPS dry plaster

This European Standard specifies the requirements for in-situ formed bound EPS products (BEPS) for the thermal and/or sound insulation of buildings when applied to walls, ceilings, roofs and floors. This Part 2 of the standard is a specification for the installed insulation products. This part 2 of the Standard also specifies the checks and test methods to be used for the declaration made by the installer of the products. This European Standard does not specify the required level of all properties to be achieved by a product to demonstrate fitness for purpose in a particular application. The required levels are to be found in regulations or non-conflicting standards. This European Standard does not cover bound EPS factory made insulation products.

Keel en

prEN ISO 3382-3

Identne prEN ISO 3382-3:2009

ja identne ISO/DIS 3382-3:2009

Tähtaeg 1.03.2010

Acoustics - Measurement of room acoustic parameters - Part 3: Open plan spaces

This International Standard specifies methods for the measurement of room acoustic properties in open-plan offices with furnishing. It describes measurement procedures, the apparatus needed, the coverage required, and the method for evaluating the data and presenting the test report. The measurement results can be used to evaluate room acoustic properties in open-plan offices. This standard is intended for medium and large size open-plan offices.

Keel en

93 RAJATISED

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TS 15901-1:2009

Hind 145,00

Identne CEN/TS 15901-1:2009

Road and airfield surface characteristics - Part 1: Procedure for determining the skid resistance of a pavement surface using a device with longitudinal fixed slip ratio (LFCS): RoadSTAR

This Technical Specification describes a method for determining the skid resistance of a paved surface by measurement of the longitudinal friction coefficient LFCS. This Technical Specification covers the operation of the Road Surface Tester of arsenal research (RoadSTAR). The method "RoadSTAR" provides a measure of the skid resistance properties of a bound surface by measurement of the longitudinal friction coefficient using a continuous reading car-sized braked wheel fixed-slip device. The method "RoadSTAR" provides skid resistance measurements of pavements by using the modified Stuttgart skiddometer (Stuttgarter Reibungsmesser). RoadSTAR utilizes a measurement representing the steady-state friction on a braked test wheel at a slip ratio of 82 % (for standard conditions), 37,5 %, 50 %, 75 % (for comparison measurements), with locked wheel or under ABS-braking conditions (for research measurements). The test wheel is dragged over a pre wetted pavement surface under controlled load and speed conditions while the test tyre is parallel to the direction of motion and perpendicular to the pavement.

Keel en

CEN/TS 15901-2:2009

Hind 135,00

Identne CEN/TS 15901-2:2009

Road and airfield surface characteristics - Part 2: Procedure for determining the skid resistance of a pavement surface using a device with longitudinal controlled slip (LFCRNL): ROAR (Road Analyser and Recorder of Norsemeter)

This Technical Specification describes a method for determining the wet-road skid resistance of a surface by measuring the LFCRNL using the Road Analyser and Recorder of Norsemeter (ROAR). In addition to the friction measurement also measurements of pavement texture may be performed. The method provides friction coefficient measurements of pavements by using a hydraulically braked test wheel at a pre-set slip ratio, which may be fixed from 5 % to 95 %. Default value for the Netherlands is 86 %. The standard test tyre is dragged over a pre-wetted pavement under controlled load and speed conditions while its running direction is parallel to the direction of motion and perpendicular to the pavement. To determine the macrotecture of the pavement a laser system is used. This system is placed in front of the towing vehicle in order to measure the macrotecture on dry pavements and on the same path as the skid resistance measurement is done. The standard for this measurement and the used measuring device are well described in EN ISO 13473-1 and ISO 13473-2.

Keel en

CEN/TS 15901-3:2009

Hind 124,00

Identne CEN/TS 15901-3:2009

Road and airfield surface characteristics - Part 3: Procedure for determining the skid resistance of a pavement surface using a device with longitudinal controlled slip (LFCA): The ADHERA

This Technical Specification describes a method for determining the skid resistance of pavements by measurement of the longitudinal friction coefficient LFCA. The method provides a measure of the wet skid resistance properties of a bound surface by measurement of the longitudinal friction coefficient using a locked wheel trailer with a slip ratio of 100 % (locked wheel: standard), or a variable slip between 0 % to 100 % (for research measurements). Within this method the steady-state friction on a braked test wheel is measured. The test tyre is dragged over a pre-wetted pavement under controlled load and constant speed conditions while the test tyre is parallel to the direction of motion and perpendicular to the pavement. This technical specification covers the operation of the ADHERA device.

Keel en

CEN/TS 15901-4:2009

Hind 145,00

Identne CEN/TS 15901-4:2009

Road and airfield surface characteristics - Part 4: Procedure for determining the skid resistance of pavements using a device with longitudinal controlled slip (LFCT): Tatra Runway Tester (TRT)

This Technical Specification describes a method for determining the skid resistance of pavements by measurement of the longitudinal friction coefficient LFCT. The method provides a measure of the skid resistance properties of a bound surface by measurement of the longitudinal friction coefficient using a continuous reading braked test wheel with a slip ratio of 25 % (standard) or a variable slip between 0 % to 100 % (for research measurements). The test tyre is dragged over a pre-wetted pavement under controlled load and constant speed conditions. The measured values can be affected by the test speed. This Technical Specification covers the operation of the Tatra Runway Tester (TRT).

Keel en

CEN/TS 15901-5:2009

Hind 124,00

Identne CEN/TS 15901-5:2009

Road and airfield surface characteristics - Part 5: Procedure for determining the skid resistance of a pavement surface using a device with longitudinal controlled slip (LFCRDK): ROAR (Road Analyser and Recorder of Norsemeter)

This Technical Specification describes a method for determining the skid resistance of a surface by measurement of the longitudinal friction coefficient LFCN. The method provides a measure of the wet skid resistance properties of a bound surface by measurement of the longitudinal friction coefficient using a continuous reading braked wheel fixed-slip device. The test tyre is dragged over a pre-wetted pavement under controlled speed conditions while the test tyre is parallel to the direction of motion and perpendicular to the pavement. This Technical Specification covers the operation of the Road Analyser and Recorder of Norsemeter (ROAR). The fixed slip ratio is 20 %. A machine conforming to the general characteristics of the ROAR and the specific provisions of this Technical Specification may also be used for the tests.

Keel en

CEN/TS 15901-6:2009

Hind 145,00

Identne CEN/TS 15901-6:2009

Road and airfield surface characteristics - Part 6: Procedure for determining the skid resistance of a pavement surface by measurement of the sideway force coefficient (SFCS): SCRIM(r)

This Technical Specification describes a method for determining the wet-road skid resistance of a surface by measurement of the sideway force coefficient SFCS. The method provides a measure of the wet-road skid resistance properties of a bound surface by measurement of sideway-force coefficient at a controlled speed. The method has been developed for use on roads but is also applicable to other paved areas such as airport runways. This Technical Specification covers the operation of the Sideway-force Coefficient Routine Investigation Machine SCRIM®. This is a device developed by W.D.M. Limited, Bristol, England from original research by the Transport Research Laboratory in the United Kingdom. It uses the side force principle to make routine measurements of skid resistance continuously on long lengths of road. SCRIM test equipment has been built onto a number of different vehicle chassis and functions independently of vehicle choice.

Keel en

CEN/TS 15901-7:2009

Hind 145,00

Identne CEN/TS 15901-7:2009

Road and airfield surface characteristics - Part 7: Procedure for determining the skid resistance of a pavement surface using a device with longitudinal fixed slip ratio (LFCG): the GripTester(r)

This Technical Specification describes a method for determining the skid resistance of a surface by measurement of the longitudinal friction coefficient LFCG. The method provides a measure of the wet skid resistance properties of a bound surface by measurement of the longitudinal friction coefficient using a continuous reading small braked wheel fixed-slip device. The test tyre is dragged over a pre-wetted pavement under controlled speed conditions while the test tyre is parallel to the direction of motion and perpendicular to the pavement. Test speeds can vary from 5 km/h to 130 km/h depending on the application. The measured values can be affected by the test speed. The method has been developed for use on paved areas such as roads and airport runways and may also be used indoors. This Technical Specification covers the operation of the GripTester.

Keel en

CEN/TS 15901-8:2009

Hind 178,00

Identne CEN/TS 15901-8:2009

Road and airfield surface characteristics - Part 8: Procedure for determining the skid resistance of a pavement surface by measurement of the sideways-force coefficient (SFCD): SKM

This Technical Specification describes a method for determining the wet-road skid resistance of a surface by measurement of the sideways-force coefficient SFCD. The method provides a measure of the wet-road skid resistance properties of a bound surface by measurement of sideways-force coefficient at a controlled speed. This Technical Specification covers the operation of the sideways-force Coefficient Machine (SKM) developed in Germany. The SKM skid resistance measurement technique determines the sideways-force acting on a particular, angled wheel. The SKM measurement technique has been developed for Network-wide measurements of skid resistance during road monitoring and assessment of pavement surfaces on German federal motorways and highways. It is also applicable to skid resistance measurements for road construction contracts. The skid resistance of a pavement is determined by friction measurements and measurements of pavement texture. Where measurement of pavement texture is required the standard for this measurement and the device is described in EN ISO 13473-1.

Keel en

CEN/TS 15901-9:2009

Hind 124,00

Identne CEN/TS 15901-9:2009

Road and airfield surface characteristics - Part 9: Procedure for determining the skid resistance of a pavement surface by measurement of the longitudinal friction coefficient (LFCD): DWWNL skid resistance trailer

This Technical Specification describes a method for determining the wet-road skid resistance of a surface by measuring the LFCD. The method provides a measure of the wet-road skid resistance properties of a bound surface by measurement of the longitudinal friction coefficient at a fixed slip ratio of 86 % and at a controlled speed. The method has been developed for use on roads, but is also applicable to other paved areas such as airports. This Technical Specification covers the following proprietary devices: RWSNL skid resistance trailer device, which has been developed by the Rijkswaterstaat in the Netherlands. The device uses a standard PIARC smooth test tyre being dragged over a pre-wetted pavement under controlled speed conditions while its running direction is parallel to the direction of motion and perpendicular to the pavement. Several RWS skid resistance trailer devices have been manufactured under license and operate in combination with variable towing vehicles.

Keel en

CEN/TS 15901-10:2009

Hind 114,00

Identne CEN/TS 15901-10:2009

Road and airfield surface characteristics - Part 10: Procedure for determining the skid resistance of a pavement surface using a device with longitudinal block measurement (LFCSK): the Skiddometer BV-8

This Technical Specification describes a method for determining the skid resistance of paved surface by measurement of the longitudinal friction coefficient μ Skid. The method provides a measure of the wet skid resistance properties of a bound surface by measurement of the longitudinal friction coefficient using a locked wheel with a slip ratio of 0 % (locked wheel: standard), or a slip ratio of (14 ± 1) % and a controlled speed. The test tyre is dragged over a pre-wetted pavement under controlled load and constant speed conditions while the test tyre is parallel to the direction of motion and to the pavement. This Technical Specification covers the operation of the Skiddometer, Type BV 8, used in Switzerland.

Keel en

EVS-EN 1999-1-4:2007/AC:2009

Hind 0,00

Identne EN 1999-1-4:2007/AC:2009

Eurokoodeks 9: Alumiiniumkonstruktsioonide projekteerimine. Osa 1-4: Külmaltsitud lehtmaterjal

Keel en

EVS-EN 1999-1-5:2007/AC:2009

Hind 0,00

Identne EN 1999-1-5:2007/AC:2009

Eurokoodeks 9: Alumiiniumkonstruktsioonide projekteerimine. Osa 1-5: Koorikkonstruktsioonid

Keel en

EVS-EN 13598-2:2009/AC:2009

Hind 0,00

Identne EN 13598-2:2009/AC:2009

Plasttorude süsteemid maa-alustele, isevoolsetele drenaaži- ja kanalisatsioonitorustikele. Plastifitseerimata polü(vinüülkloriid) (PVC-U), polüpropüleen (PP) ja polüetüleen (PE). Osa 2: Liiklustsoonides ja sügaval maa all asuvate vaatluskaevude/pääseluukide ja kontrollkambrite spetsifikatsioonid

Keel en

EVS-EN 14636-1:2009

Hind 295,00

Identne EN 14636-1:2009

Plastics piping systems for non-pressure drainage and sewerage - Polyester resin concrete (PRC) - Part 1: Pipes and fittings with flexible joints

This European Standard applies to pipes and fittings made from polyester resin concrete (PRC, see 3.1.23), intended to be used within a drain or sewer system operating without pressure. It applies to products for use in buried installations to be installed by open-trench techniques or pipe jacking. It applies to pipes, fittings and their joints of nominal sizes from DN 150 to DN 3000 for circular cross-sections, from WN/HN 300/450 to WN/HN 1400/2100 for egg-shaped cross-sections and from DN 800 to DN 1800 for kite-shaped cross-sections. The intended use of these products is for the conveyance of sewage, rainwater and surface water at temperatures up to 50 °C, without pressure or occasionally at a head of pressure up to 0,5 bar1), and installed in areas subjected to vehicle and/or pedestrian traffic.

Keel en

KAVANDITE ARVAMUSKÜSITLUS

FprEN 14023

Identne FprEN 14023:2009

Tähtaeg 1.03.2010

Bituumen ja bituumensideained.

Polümeermodifitseeritud bituumenite määratlemise alused

This European Standard provides a framework for specifying the characteristics and relevant test methods for polymer modified bitumens which are suitable for use in the construction and maintenance of roads, airfields and other paved areas. This framework covers the following characteristics: - "consistency at intermediate service temperature"; - "consistency at elevated service temperature"; - "cohesion"; - "durability" of consistency; - "brittleness at low service temperature"; - "strain recovery". The cohesion property has been included as a means of discriminating between polymer modified bitumens and other bituminous binders. The other essential requirements, "adhesion" and "setting ability" are indicated by tests carried out on the finished asphalt mixtures. The introduction of classes of convenience in Table 1A, Table 1B and Table 1C enables the selection of the most suitable specification for the bitumen taking account of local conditions of climate and use. The nomenclature of polymer modified bitumens comprises the penetration range and the minimum softening point (see example in Annex A).

Keel en

Asendab EVS-EN 14023:2007

prEN 1344

Identne prEN 1344:2009

Tähtaeg 1.03.2010

Keraamilised sillutuskiivid. Nõuded ja katsemeetodid

This European Standard specifies the requirements of pavers and accessories manufactured from clay for use in the flexible form of construction (pavers laid with narrow sand-filled joints on a sand bed) and in the rigid form of construction (pavers laid with cementitious mortar joints on a similar mortar bed, itself placed on a rigid base). The standard applies to rectangular and other shaped units intended as construction products mainly for exterior use in pavements but which may also be used internally. The flexible form of construction will be subjected to pedestrian and vehicular traffic, while the rigid form of construction is usually subjected to pedestrian traffic. It excludes products intended for refractory and chemical engineering applications and clay floor tiles. It also excludes clay masonry units. This Standard does not deal with the tactility or visibility of units. This European Standard specifies the characteristics and classes of performance measured according to test methods given in normative annexes. It provides for product marking and for the evaluation of conformity of the product to this European Standard.

Keel en

Asendab EVS-EN 1344:2002

97 OLME. MEELELAHUTUS. SPORT

UUED STANDARDID JA PUBLIKATSIOONID

CEN/TR 1335-4:2009

Hind 92,00

Identne CEN/TR 1335-4:2009

Office furniture - Office work chair - Part 4: Clarifications to EN 1335-1:2000 (Dimensions)

This Technical Report specifies the definitions of a number of terms given in EN 1335-1:2000, which have been identified by CEN/TC 207/SC 3/WG 1 as being interpreted in different ways by test laboratories and manufacturers.

Keel en

EVS-EN 778:2009

Hind 356,00

Identne EN 778:2009

Kodumajapidamises kasutatavad sundkonvektsiooniga gaasikütetel õhusoojendid ruumide soojendamiseks, soojuste netosisendväärtusega alla 70 kW, ilma põlemisõhku ja/või põlemisjäätet teisaldava ventilaatorita

This European Standard specifies the requirements and test methods for the safety and efficiency of domestic gas-fired air heaters with (an) atmospheric burner(s) and without a fan to assist the transportation of combustion air and/or flue gases, hereafter referred to as "appliances". This European Standard applies to Type B11, B11AS, B11BS, B41, B41AS, B41BS C11, C21, C31 and C41 appliances with an input not exceeding 70 kW (net cv-basis), intended primarily for use in single unit residential dwellings. Provision of the heated air may be by means of ducting.

Keel en

Asendab EVS-EN 778:1999; EVS-EN 778:1999/A1:2002

EVS-EN 1020:2009

Hind 377,00

Identne EN 1020:2009

Gaasiküttele töötavad sundkonvektsiooniga õhusoojendid, mis pole ette nähtud kasutamiseks kodumajapidamises. Nende soojuse netosisendväärtus on alla 300 kW ja need õhusoojendid on varustatud põlemisõhku ja/või põlemisjäätage teisaldava ventilaatoriga

This European Standard specifies the requirements and test methods for the safety and efficiency of non-domestic gas-fired air heaters having a fan to assist the transportation of combustion air and/or flue gases, hereafter referred to as "appliances". This includes appliances having forced draught burners. This European Standard applies to Type B12, B13, B14, B22, B23, B42, B43, B44, B52, B53, C12, C13, C32, C33, C62 and C63 appliances with a heat input not exceeding 300 kW (based on net calorific value) intended for use in other than single unit residential dwellings. It also applies to appliances intended for outdoor installation. Provision of the heated air may be by means of ducting or may be directly into the heated space. For Type C62 and C63 appliances, this European Standard only applies when such appliances are intended for final installation in a similar manner to Type C3 appliances.

Keel en

Asendab EVS-EN 1020:1999; EVS-EN 1020:1999/A1:2002

EVS-EN 1335-3:2009/AC:2009

Hind 0,00

Identne EN 1335-3:2009/AC:2009

Office furniture - Office work chair - Part 3: Test methods

Keel en

EVS-EN 14459:2007/AC:2009

Hind 0,00

Identne EN 14459:2007/AC:2009

Control functions in electronic systems for gas burners and gas burning appliances - Methods for classification and assessment

Keel en

ASENDATUD VÕI TÜHISTATUD STANDARDID

EVS-EN 778:1999

Identne EN 778:1998

Kodumajapidamises kasutatavad sundkonvektsiooniga gaasiküttele õhusoojendid ruumide soojendamiseks, soojuse netosisendväärtusega alla 70 kW, ilma põlemisõhku ja/või põlemisjäätage teisaldava ventilaatoriga

See standard määrab kindlaks ohutus- ja efektiivsuse nõuded ja katsetusmeetodid kodumajapidamises kasutatavatele gaasiküttele õhusoojenditele, mis on varustatud atmosfääriõhul töötavate põletitega ning millel puudub põlemisõhku ja/või põlemise jäätage teisaldav ventilaator. See standard kehtib B11, B11AS, B11BS, C11, C21, C31 ja C41 tüüpi seadmete kohta, soojuse netosisendväärtusega alla 70 kW (puhas "cv"), mida kasutatakse eelkõige omaette üksuse moodustavates elamutes.

Keel en

Asendatud EVS-EN 778:2009

EVS-EN 778:1999/A1:2002

Identne EN 778:1998/A1:2001

Kodumajapidamises kasutatavad sundkonvektsiooniga gaasiküttele õhusoojendid ruumide soojendamiseks, soojuse netosisendväärtusega alla 70 kW, ilma põlemisõhku ja/või põlemisjäätage teisaldava ventilaatoriga.
MUUDATUS

"See standard määrab kindlaks ohutus- ja efektiivsuse nõuded ja katsetusmeetodid kodumajapidamises kasutatavatele gaasiküttele õhusoojenditele, mis on varustatud atmosfääriõhul töötavate põletitega ning millel puudub põlemisõhku ja/või põlemise jäätage teisaldav ventilaator. See standard kehtib B11, B11AS, B11BS, C11, C21, C31 ja C41 tüüpi seadmete kohta, soojuse netosisendväärtusega alla 70 kW (puhas "cv"), mida kasutatakse eelkõige omaette üksuse moodustavates elamutes."

Keel en

Asendatud EVS-EN 778:2009

EVS-EN 1020:1999

Identne EN 1020:1997

Gaasiküttele töötavad sundkonvektsiooniga õhusoojendid, mis pole ette nähtud kasutamiseks kodumajapidamises. Nende soojuse netosisendväärtus on alla 300 kW ja need õhusoojendid on varustatud põlemisõhku ja/või põlemisjäätage teisaldava ventilaatoriga

See standard määrab kindlaks ohutus- ja efektiivsuse nõuded ning katsetusmeetodid gaasiküttele töötavate õhusoojendite jaoks, mis on varustatud põlemisõhku ja/või põlemise jäätage teisaldava ventilaatoriga. Need õhusoojendid pole mõeldud kasutamiseks kodumajapidamises.

Keel en

Asendatud EVS-EN 1020:2009

EVS-EN 1020:1999/A1:2002

Identne EN 1020:1997/A1:2001

Gaasiküttele töötavad sundkonvektsiooniga õhusoojendid, mis pole ette nähtud kasutamiseks kodumajapidamises. Nende soojuse netosisendväärtus on alla 300 kW ja need õhusoojendid on varustatud põlemisõhku ja/või põlemisjäätage teisaldava ventilaatoriga.
MUUDATUS

See standard määrab kindlaks ohutus- ja efektiivsuse nõuded ning katsetusmeetodid gaasiküttele töötavate õhusoojendite jaoks, mis on varustatud põlemisõhku ja/või põlemise jäätage teisaldava ventilaatoriga. Need õhusoojendid pole mõeldud kasutamiseks kodumajapidamises.

Keel en

Asendatud EVS-EN 1020:2009

KAVANDITE ARVAMUSKÜSITLUS

EN 957-4:2006/FprA1

Identne EN 957-4:2006/FprA1:200

Tähtaeg 1.03.2010

Statsionaarne treenimisvarustus. Osa 4: Jõutreeninguvarustus, täiendavad spetsiaalsed ohutusnõuded ja katsemeetodid

Käesolev standardi osa määrab lisaks normdokumendis EN 957-1 esitatud üldistele ohutusnõuetele kindlaks ohutusnõuded statsionaarse jõutreeninguvarustuse ja kinnitamata tõstekangide jaoks, mida kasutatakse harjutuste tegemise ajal. Käesolev standardi osa on kohaldatav statsionaarsele jõutreeninguvarustusele (tüüp 4) klassiga S ja H. See muudab ja täiendab normdokumenti 957-1. Käesoleva standardi nõuded on üldises standardis kindlaksmääratud nõuete suhtes ülimuslikud.

Keel en

EN 60335-2-37:2003/FprA2

Identne EN 60335-2-37:2002/FprA2:2009

ja identne IEC 60335-2-37:2002/A2:200X

Tähtaeg 1.03.2010

Majapidamis- ja muude taoliste elektriseadmete ohutus. Osa 2-37: Erinõuded kaubanduslikele elektrifritüüridele

Deals with the safety of electrical air-cleaning appliances for household and similar purposes, whose rated voltages is not more than 250 V for single-phase appliances and 480 V for other appliances. Is to be used in conjunction with IEC 335-1 (third edition).

Keel en

prEN 16014

Identne prEN 16014:2009

Tähtaeg 1.03.2010

Hardware for furniture - Strength and durability of locking mechanism

This document specifies test methods and requirements for the strength and durability of all types of locking mechanisms for furniture and their components for all fields of application.

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 01.02.2010

prEVS-EN 1594:2009 Gaasivarustussüsteemid. Torustikud maksimaalse töö rõhuga üle 16 bar. Talituslikud nõuded

Standard on rakendatav üle 16 bar maksimaalse töö rõhuga torustike suhtes, mis on mõeldud standardile EN ISO 13686 vastava töödeldud, mittemürgise ja mittekorrodeeriva maagaasi transportimiseks järgmiste omadustega maismaatorustikes: - torustiku elemendid on valmistatud legerimata või madallegeritud terasest; - torustiku elemendid ühendatakse keevisliidete, äärikliidete või mehaaniliste liitmikega; - torustik ei paikne äri- või tööstusettevõtete territooriumil tootmisprotsessi lahutamatu osana, välja arvatud selliste ettevõtete gaasivarustustorustikud ja -rajatised; - süsteemi arvutustemperatuur on -40 oC kuni 120 oC, kaasa arvatud. Standard on rakendatav maismaal paiknevate torustike suhtes alates kohast, kus torustik lõikub esmakordselt maismaatorustiku ja meretorustiku eralduspiiriga, milleks on tavaliselt näiteks: - esimene lahutuskraan; - rannanõlvajalam; - tõusujoon või mõõnajoon; - saar.

Identne: EN 1594:2009

prEVS-EN 196-1:2005 Tsemendi katsetamine. Osa 1: Tugevuse määramine

Standard kirjeldab tsemendimördi surve- ja fakultatiivse paindetugevuse määramise meetodit. Meetod hõlmab harilikke tsemente, kuid on kasutatav ka teiste tsementide ja materjalide korral kui nende standardid viitavad käesoleva meetodi rakendamist.

Meetod ei ole kasutatav teiste tsemendiliikide korral, millised näiteks omavad väga lühikest algardumisaega.

Identne: EN 196-1:2005

prEVS-EN 196-7:2008 Tsemendi katsetamine. Osa 7: Tsemendiproovide võtmine

Standard kirjeldab kasutatavaid seadmeid, rakendatavaid meetodeid ning tingimusi, mis peavad olema täidetud proovide võtmisel antud tsemendipartiist, et hinnata nende katsetamise alusel toote kvaliteeti enne või pärast tarnimist.

Identne: EN 196-7:2007

prEVS-EN 197-1:2002/A3:2007 Tsement. Osa 1: Harilike tsementide koostis, spetsifikatsioonid ja vastavuskriteeriumid

EN 197-1 määrab kindlaks 27 erineva hariliku tsemendi tüüpi ning nende koostisosad. Iga tsemenditüüp defineeritakse tema koostisosade omaduste ning nende sisalduse kaudu, mille tulemusena jagunevad tsemendid kuude erinevasse tugevusklassi. Standard määrab kindlaks koostisosadele esitatavad nõuded ja nimetatud tsemenditüüpidele ning tugevusklassidele esitatavad mehaaniliste, füüsikaliste ja keemiliste omaduste nõuded. EN 197-1 formuleerib nendele nõuetele vastavuse hindamise reeglid. Samuti esitatakse vajalikud püsivusnõuded.

Identne: EN 197-1:2000/A3:2007

prEVS-EN 437:2006+A1:2009

Katsetamisgaasid. Proovirõhud. Tarvitite kategooriad KONSOLIDEERITUD TEKST

Standard kirjeldab gaasitarvitite katsetusgaase, katsetusrõhke ja kategooriaid seoses esimese, teise ja kolmanda gaasipere küttegaaside kasutamisega. Standardit on võimalik kasutada viitedokumentina gaasitarvitite tootestandardites, mis kuuluvad küttegaasiseadmeid käsitlevate liikmesriikide õigusaktide ühtlustamise kohase nõukogu direktiivi (90/396/EÜ) käsitlusalasse.

Standard sisaldab soovitusi gaaside ja rõhkude kasutamise kohta gaasitarvitite katsetamisel. Täielikud katsetuskavad antakse tarvitite tootestandardites.

MÄRKUS: Standardis antud katsetusgaasid ja katsetusrõhud on põhimõtteliselt mõeldud kasutatavana kõikide gaasitarvitite katsetamiseks nende asjakohastele standarditele vastavuse kindlakstegemisel.

Identne: EN 437:2003+A1:2009

DETSEMBRIKUUS KINNITATUD JA JAANUARIKUUS MÜÜGILE SAABUNUD EESTIKEELSE STANDARDID

EVS-EN 1990:2002/A1:2006+ NA:2009

Eurokoodeks: Ehituskonstruksioonide projekteerimise alused. Muudatus A1. Lisa A2: Rakendamine sildade puhul 219.-

Eesti standard on Euroopa standardi muudatuse EN 1990:2002/A1:2005 "Eurocode – Basis of structural Design Amendment A1 – Annex A2: Application for bridges" ja standardi paranduse EVS-EN 1990:2002/A1:2006/AC:2008 ingliskeelse teksti identne tõlge eesti keelde. Eesti standard sisaldab rahvuslikku lisa NA.

Standardi EN 1990 lisa A2 annab reeglid ja meetodid maantee-, jalgte- ja raudteesildade kasutus- ja kandepiiriseisundi kontrollimiseks (välja arvatud väsimuskontroll) ja koormuskombinatsioonide määramiseks ning soovitatavad alaliste, muutuvate ja erakordsete koormuste arvutusväärtused ja teguri ψ väärtused. See rakendub ka ehitamisaegsete koormuste puhul. Samuti antakse meetodid ja eeskirjad mõningate materjalist sõltuvate kasutuspiiriseisundite kohta.

EVS-EN 1992-3:2006+NA:2009

Eurokoodeks 2:

Raudbetoonkonstruktsioonide projekteerimine. Osa 3: Tammid ja mahutid 178.-

Eesti standard Euroopa standardi EN 1992-3:2006 "Eurocode 2: Design of concrete structures – Part 3: Liquid retaining and containment structures" ingliskeelse teksti identne tõlge eesti keelde. Eesti standard sisaldab rahvuslikku lisa NA.

EN 1992 Osa 3 annab täiendavad reeglid Osas 1 esitatutele vedelike ja teraliste

(graanulmaterjalid) täitematerjalide mahutite projekteerimiseks raudbetoonist või eelpingestatud betoonist, armeerimata või vähearmeeritud betoonist.

EVS-EN 1992-3/NA:2009

Eurokoodeks 2:

Raudbetoonkonstruktsioonide projekteerimine. Osa 3: Tammid ja mahutid. Eesti standardi rahvuslik lisa 80.-

Eesti standard on Euroopa standardi EN 1992-3:2006 "Eurocode 2: Design of concrete structures – Part 3: Liquid retaining and containment structures" Eesti standardi rahvuslik lisa, mis sisaldab rahvuslikult määratud parameetreid (NDP) ja protseduure, mida tuleb kasutada koos standardiga EN 1992-3 nende konstruktsioonide projekteerimisel, mida püstitatakse Eestis.

EVS-EN 1434-3:2008

Soojusarvestid. Osa 3: Andmevahetus ja liidesed 209.-

Eesti standard on Euroopa standardi EN 1434-3:2008 "Heat meters – Part 3: Data exchange and interfaces" ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard kehtib soojusarvestitele ja määrab kindlaks nendele esitatavad olulised nõuded. Soojusarvesti on mõõtevahend, mis on ette nähtud soojusenergia mõõtmiseks soojusvahetuskontuurides, kus neeldub (jahutamisel) või eraldub (soojendamisel) soojusenergia vedeliku kaudu, mida nimetatakse soojuskandjaks. Soojusarvesti näitab soojusenergia hulka ametlikult

kehtivates ühikutes. Elektriõhutuse nõuded ei ole käesolevas standardis käsitletud.

Osa 3 määratleb andmevahetuse arvesti ja lugemisseadme vahel (kakspunktside). Optilist lugemispead kasutatavate rakenduste jaoks on soovitatav kasutada EN 62056-21 protokoll.

EVS-EN 12273:2008

Mössiga pindamine. Nõuded 198.-

Eesti standard on Euroopa standardi EN 12273:2008 "Slurry surfacing – Requirements" ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard määrab teede ja teiste liiklusalade (nt kõnniteed, jalgrattateed) pinnatöötlemiseks tootena kasutatava mössiga pindamise toimimise nõudeid ja kontrollmenetlusi. Euroopa standard ei kehti eraldi olevate väikeste, kuni 500 m² pindalaga teelade mössiga pindamise korral (nt väiksemad parandustööd). Standard ei kehti ostja kavandatud mössiga pindamise puhul. Standard ei arvesta tunnelites kasutatava mössiga pindamise tulekindlust. Selliseid nõudeid pole veel kehtestatud ning samuti puuduvad mössi tulekindluse klassifitseerimise meetodid.

EVS-EN 12350-1:2009

Betoonisegu katsetamine. Osa 1: Proovide võtmine 92.-

Eesti standard on Euroopa standardi EN 12350-1:2009 "Testing fresh concrete – Part 1: Sampling" ingliskeelse teksti identne tõlge eesti keelde.

Standard esitab betoonisegu koond- ja kohtproovide võtmise meetodid.

MÄRKUS Nõuded proovi läbisekamise kohta enne betoonisegu katsetamist või enne katsekehade valmistamist esitatakse vastavates standardites.

Kui betooni segamine ja proovide võtmine toimub laboris, võidakse nõuda siintoodutest erinevaid menetlusi.

EVS-EN 12350-2:2009

Betoonisegu katsetamine. Osa 2: Vajumiskatse 105.-

Eesti standard on Euroopa standardi EN 12350-2:2009 "Testing fresh concrete – Part 2: Slump test" ingliskeelse teksti identne tõlge eesti keelde.

Euroopa 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.

EVS-EN 12350-3:2009

Betoonisegu katsetamine. Osa 3: Vebe katse 105.-

Eesti standard on Euroopa standardi EN 12350-3:2009 "Testing fresh concrete – Part 3: Vebe test" ingliskeelse teksti identne tõlge eesti keelde.

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.

EVS-EN 12350-4:2009

Betoonisegu katsetamine. Osa 4:

Tihendatavusaste 92.-

Eesti standard on Euroopa standardi EN 12350-4:2009 "Testing fresh concrete – Part 4: Degree of compactability" ingliskeelse teksti identne tõlge eesti keelde.

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.

EVS-EN 12350-5:2009

Betoonisegu katsetamine. Osa 5:

Valguvuskatse 114.-

Eesti standard on Euroopa standardi EN 12350-5:2009 "Testing fresh concrete – Part 5: Flow table test" ingliskeelse teksti identne tõlge eesti keelde.

Standard esitab betoonisegu valguvuse määramise meetodi. Meetod ei ole kasutatav isetiheneva betooni puhul, vaht- ja korebetooni puhul ega juhul, kui täitematerjali terasuuruse suurim nimimõõde ületab 63 mm.

MÄRKUS Valguvuskatse on tundlik betooni konsistentsi muutuste suhtes valguvuse piirkonnas 340 mm kuni 600 mm. Väljaspool neid piirväärtusi võib valguvuslaua katse osutada ebasobivaks ja sel juhul tuleks kasutada teisi konsistentsi määramise meetodeid.

EVS-EN 12350-6:2009

Betoonisegu katsetamine. Osa 6: Tihedus 105.-

Eesti standard on Euroopa standardi EN 12350-6:2009 "Testing fresh concrete – Part 6: Density" ingliskeelse teksti identne tõlge eesti keelde.

Standard esitab tihendatud betoonisegu tiheduse määramise meetodi, mis on kasutatav nii laboris kui ka ehitusplatsil.

MÄRKUS Meetod võib osutada ebasobivaks väga jäiga betooni puhul, mida ei ole võimalik tavalise vibreerimisega tihendada.

EVS-EN 12350-7:2009

Betoonisegu katsetamine. Osa 7: Betoonisegu õhusisaldus. Rõhumeetodid 178.-

Eesti standard Euroopa standardi EN 12350-7:2009 "Testing fresh concrete – Part 7: Air content – Pressure methods" ingliskeelse teksti identne tõlge eesti keelde.

Standard kirjeldab kaht meetodit tihendatud betoonisegu õhusisalduse määramiseks juhul, kui betoon on valmistatud tava- või suhteliselt tihedast täitematerjalist, mille terasuuruse suurim nimimõõde ei ületa 63 mm.

MÄRKUS Kergtäitematerjalist, õhus jahutatud kõrgahjuräbust ja suure poorsusega täitematerjalist valmistatud betoonide puhul võivad mõlemad meetodid osutada sobimatuks, kuna täitematerjali parandustegur on võrreldes betooni õhusisaldusega suur.

EVS 18002:2009

Töötervishoiu ja tööohutuse juhtimissüsteemid. EVS 18001:2007 rakendusjuhised 295.-

Eesti standard on koostatud Briti Standardiinstituudi (BSI) poolt välja töötatud standardi OHSAS 18002:2008 „Occupational health and safety management systems — Guidelines for the implementation of OHSAS 18001:2008” alusel esmakordselt.

Töötervishoiu ja tööohutuse hindamise sarja standard sätestab juhised EVS 18001:2007 (OHSAS 18001:2007) rakendamise kohta.

Juhised selgitavad standardi EVS 18001:2007 aluseks olevaid põhimõtteid ja kirjeldavad standardi iga nõude juures selle eesmärki, tüüpilisi sisendeid, protsesse ja tüüpilisi väljundeid. Eesmärgiks on aidata standardit EVS 18001:2007 mõista ja rakendada.

Standard EVS 18002 ei loo lisanõudeid standardis EVS 18001 sätestatutele ega kirjelda selle rakendamise kohustuslikku lähenemisviisi.

EVS-HD 60364-5-51:2009

Ehitiste elektripaigaldised. Osa 5-51: Elektriseadmete valik ja paigaldamine. Üldjuhised 198.-

Eesti standard on CENELECI harmoneerimis-dokumendi HD 60364-5-51:2009 "Electrical installations of buildings – Part 5-51: Selection and erection of electrical equipment – Common rules" ingliskeelse teksti identne tõlge eesti keelde.

HD 60364 see osa käsitleb seadmete valikut ja paigaldamist. Selles esitatakse üldjuhised ohutusmeetmete kohaldamiseks, nõuded ettenähtud viisil kasutatava paigaldise õigeks talitluseks ning eeldatavatest välistoimetest tulenevad nõuded.

EVS-HD 60364-7-708:2009

Madalpingelised elektripaigaldised. Osa 7-708: Nõuded eripaigaldistele ja -paikadele. Sõidukelamuväljakud, kämpinguväljakud ja muud samalaadsed paigad 114.-

Eesti standard on CENELECI harmoneerimis-dokumendi HD 60364-7-708:2009 "Low-voltage electrical installations – Part 7-708: Requirements for special installations or locations – Caravan parks, camping parks and similar locations" ingliskeelse teksti identne tõlge eesti keelde.

HD 60364 selles osas sisalduvad erinõuded kehtivad ainult vooluahelate kohta, mis on ette nähtud jõudeaja sõidukelamute, telkide või kämpinguelamute toitmiseks sõidukelamuväljakutel, kämpinguväljakutel ja muudes samalaadsetes paikades. Selle osa erinõuded ei kehti jõudeaja sõidukelamute, liikuvate ja transportitavate üksuste ega püsi-kämpinguelamute sise-elektripaigaldiste kohta.

EVS-HD 60364-7-709:2009

Madalpingelised elektripaigaldised. Osa 7-709: Nõuded eripaigaldistele ja -paikadele. Huvisõidusadamad ja muud samalaadsed paigad 135.-

Eesti standard on CENELEC'i harmoneerimisdokumendi HD 60364-7-709:2009 "Low-voltage electrical installations – Part 7-709: Requirements for special installations or locations – Marinas and similar locations" ingliskeelse teksti identne tõlge eesti keelde.

HD 60364 selles osas kirjeldatud üksikasjalised nõuded kehtivad ainult vooluahelate kohta, mis on ette nähtud huvisõidulaste või veesõidukelamute toiteks huvisõidusadamates ja muudes samalaadsetes paikades. Üksikasjalikud nõuded ei kehti majutusjahtide kohta, kui neid toidetakse otse avalikust elektrivõrgust. Üksikasjalikud nõuded ei kehti lõbusõidulaste või majutusjahtide sisemiste elektripaigaldiste kohta.

EVS-EN 1991-1-7:2006+NA:2009

Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 1-7: Üldkoormused. Erakorralised koormused 271.-

Eesti standard on Euroopa standardi EN 1991-1-7:2006 "Eurocode 1: Actions on structures - Part 1-7: General actions - Accidental actions" ingliskeelse teksti identne tõlge eesti keelde. Eesti standard sisaldab rahvuslikku lisa NA. Standard EN 1991-1-7 annab juhised ja reeglid hoonete ja muude ehitiste ohutuse tagamiseks identifitseeritud ja identifitseerimata erakordsete koormuste mõjumisel.

EVS-EN 1991-1-7/NA:2009

Eurokoodeks 1: Ehituskonstruksioonide koormused. Osa 1-7: Üldkoormused. Erakorralised koormused. Eesti standardi rahvuslik lisa 145.-

Eesti standard on Euroopa standardi EN 1991-1-7:2006 "Eurocode 1: Actions on structures - Part 1-7: General actions - Accidental actions" Eesti rahvuslik lisa, mis sisaldab rahvuslikult määratud parameetreid (NDP) ja protseduure, mida tuleb kasutada koos standardiga EN 1991-1-7 nende konstruksioonide projekteerimisel, mida püstitatakse Eestis.

EVS-EN 1993-3-2:2006+NA:2009

Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 3-2: Tornid, mastid ja korstnad. Korstnad 219.-

Eesti standard on Euroopa standardi EN 1993-3-2:2006 "Eurocode 3: Design of steel structures - Part 3-2: Towers, masts and

chimneys - Chimneys" ingliskeelse teksti identne tõlge eesti keelde.

Eesti standard sisaldab rahvuslikku lisa NA.

Standardi EN 1993 osa 3.2 annab juhised ringikujulise või koonilise ristlõikega vertikaalsete teraskorstnate projekteerimiseks. Käsitlus hõlmab konsoolseid, vantkinnitusega ning vahetasanditel osaliselt toetatud korstnad.

EVS-EN 1993-3-2/NA:2009

Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 3-2: Tornid, mastid ja korstnad. Korstnad. Eesti standardi rahvuslik lisa 124.-

Eesti standard on Euroopa standardi EN 1993-3-2:2006 "Eurocode 3: Design of steel structures - Part 3-2: Towers, masts and chimneys - Chimneys" Eesti rahvuslik lisa, mis sisaldab rahvuslikult määratud parameetreid (NDP) ja protseduure, mida tuleb kasutada koos standardiga EN 1993-3-2 nende konstruksioonide projekteerimisel, mida püstitatakse Eestis.

EVS-EN 12390-2:2009

Kivistunud betooni katsetamine. Osa 2: Tugevuskatse katsekehade valmistamine ja hoidmine 92.-

Eesti standard on Euroopa standardi EN 12390-2:2009 "Testing hardened concrete – Part 2: Making and curing specimens for strength tests" ingliskeelse teksti identne tõlge eesti keelde.

Standard esitab tugevuskatse katsekehade valmistamise ja hooldamise meetodid. Standard käsitleb vormide ettevalmistamist ja täitmist, betooni tihendamist, pinna silumist ning katsekehade hooldamist ja transporti.

EVS-EN 12390-3:2009

Kivistunud betooni katsetamine. Osa 3: Katsekehade survetugevus 155.-

Eesti standard on Euroopa standardi EN 12390-3:2009 "Testing hardened concrete – Part 3: Compressive strength of test specimens" ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard esitab kivistunud betooni katsekehade survetugevuse määramise meetodi.

EVS-EN 12390-5:2009

Kivistunud betooni katsetamine. Osa 5: Katsekehade paindetõmbetugevus 114.-

Eesti standard on Euroopa standardi EN 12390-5:2009 "Testing hardened concrete – Part 5: Flexural strength of test specimens" ingliskeelse teksti identne tõlge eesti keelde. Euroopa standard esitab kivistunud betoonist katsekehade paindetõmbetugevuse määramise meetodi.

EVS-EN 12390-7:2009

Kivistunud betooni katsetamine. Osa 7: Kivistunud betooni tihedus 105.-

Eesti standard on Euroopa standardi EN 12390-7:2009 "Testing hardened concrete – Part 7: Density of hardened concrete" ingliskeelse teksti identne tõlge eesti keelde. Standard esitab kivistunud betooni tiheduse määramise meetodi. Standard on rakendatav kerg-, normaal- ja raskebetoonile. Standardis eristatakse järgmisi kivistunud betooni olekuid:

- 1) nagu-saadud;
- 2) veega küllastatud;
- 3) kuivatatud.

Määratakse kivistunud betoonist katsekeha mass ja maht ning arvutatakse betooni tihedus.

EVS-EN 12390-8:2009

Kivistunud betooni katsetamine. Osa 8: Surve all oleva vee sissetungimissügavus 92.-

Eesti standard on Euroopa standardi EN 12390-8:2009 "Testing hardened concrete – Part 8: Depth of penetration of water under pressure" ingliskeelse teksti identne tõlge eesti keelde.

Standard esitab surve all oleva vee sissetungimissügavuse määramise meetodi vees kivistunud betoonisse.

EVS-EN 1090-1:2009

Teras- ja alumiiniumkonstruktsioonide valmistamine. Osa 1: Kandeelementide vastavushindamine 229.-

Eesti standard on Euroopa standardi EN 1090-1:2009 "Execution of steel structures and aluminium structures – Part 1: Requirements for conformity assessment of structural components" ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard määratleb ehitustoodetena turustatud konstruktiivsete teras- ja alumiinium-komponentide funktsionaalseid

omadusi käsitleva vastavushindamise nõudeid. Vastavushindamine hõlmab valmistamise põhjal määratletavaid omadusi ja asjakohaseid projekteeritud omadusi.

See Euroopa standard sisaldab ka terasest ja betoonist komposiitkonstruktsioonide teras-komponentide vastavushindamise nõudeid. Komponente võib kasutada kas otseselt, ehitusobjektidel või komplektide osadena. Standard rakendub nii seeriatoodetele kui ka individuaalselt valmistatavatele konstruktiivsetele komponentidele, kaasa arvatud neist koostatud komplektidele.

EVS-EN 60664-1:2008

Madalpingepaigaldistes kasutatavate seadmete isolatsiooni koordineerimine. Osa 1: Põhimõtted, nõuded ja katsed 295.-

Eesti standard on Euroopa standardi EN 60664-1:2007 "Insulation coordination for equipment within low-voltage systems – Part 1: Principles, requirements and tests" ingliskeelse teksti identne tõlge eesti keelde.

Standardisarja IEC 60664 see osa käsitleb madalpingevõrkudes kasutatavate seadmete isolatsiooni koordineerimist. See on rakendatav seadmetele nimivahelduvpingega kuni 1000 V nimisagedusega kuni 30 kHz või nimialalispingega kuni 1500 V, mis on ette nähtud kasutamiseks kõrgusel kuni 2000 m üle merepinna.

Standard sätestab toimivuskriteeriumeid põhinevad nõuded seadmete õhk- ja roomevahemikele ning tahkele isolatsioonile. Standard sisaldab isolatsiooni koordineerimise eesmärgil tehtavate elektriliste katsetuste meetodeid.

EVS-ISO 14004:2008

Keskonnajuhtimissüsteemid. Üldised juhtnõuad põhimõtete, süsteemide ja abivahendite kohta 219.-

Eesti standard on Euroopa standardi ISO 14004:2004 "Environmental management systems – General guidelines on principles, systems and supporting techniques" ingliskeelse teksti identne tõlge eesti keelde.

Standard annab juhtnõuad keskkonnajuhtimissüsteemide ja -põhimõtete väljatöötamiseks, rakendamiseks, nende toimimise tagamiseks ja täiustamiseks, samuti nende kooskõlla viimiseks muude juhtimissüsteemidega. MÄRKUS Ehkki süsteem ei ole mõeldud töötaviseks ja -ohutuse küsimuste lahendamiseks, võib süsteem ka neid aspekte

käsitleda, kui organisatsioon otsib keskkonna- ja tervishoiu ning tööohutuse juhtimissüsteemide integreerimise võimalust. Standardis esitatud juhtnõõrid sobivad mis tahes organisatsioonile, olenemata selle suurusest, tüübist või küpsusastmest. Kuigi käesolevas rahvusvahelises standardis sisalduvad juhtnõõrid on kooskõlas ISO 14001 keskkonnanjuhtimissüsteemi mudeliga, ei ole see mõeldud ISO 14001 nõuete tõlgendamiseks.

EVS-EN 10079:2008

Terastoodete määratlus 229.-

Eesti standard on Euroopa standardi EN 10079:2007 „Definition of steel products” ingliskeelse teksti identne tõlge eesti keelde.

Euroopa standard määratleb terastooteid vastavalt:

- a) kujule ja mõõtmetele;
- b) välimusele ja pinna omadustele.

MÄRKUS 1 Kuigi toodete määratlus tavaliselt ei sõltu nende lõppkasutusest või tootmisprotsessist, on mõnikord osutunud vajalikuks viidata ka nendele kriteeriumidele.

MÄRKUS 2 Kõik käesolevas Euroopa standardis toodud mõõtmed on nimimõõtmed.

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 meie koduleheküljel
asuvast ostukorvis www.evs.ee/POOD