

## Safexpert

- ▶ Safexpert Machinery Directive
- ▶ Safexpert Low Voltage Directive
- ▶ Check and Acceptance Assistant

## Standards

- ▶ Standard package "Safexpert Standard"
- ▶ Standard package "Safexpert Standard Plus"

## Trainings & Seminars

- ▶ Practice seminar for CE Marking
- ▶ Safexpert training course

1

## Safexpert Machinery Directive

Safexpert - packages according to Machinery Directive 2006/42/EC	First license		Follow-up license			
	Floating		Floating		Personalized	
	Purchase	Service-contract	Purchase	Service-contract	Purchase	Service-contract
<b>Safexpert Machinery Directive</b> <i>BASIC</i>	1.215,00 4001-SE-EL	220,00 4001-WV-EL	750,00 4001-SE-FL	155,00 4001-WV-FL	300,00 4001-SE-PF	55,00 4001-WV-PF
<b>Safexpert Machinery Directive</b> <i>COMPACT</i>	2.420,00 4002-SE-EL	430,00 4002-WV-EL	1.485,00 4002-SE-FL	280,00 4002-WV-FL	570,00 4002-SE-PF	105,00 4002-WV-PF
<b>Safexpert Machinery Directive</b> <i>PROFESSIONAL</i>	3.530,00 4003-SE-ELEN	560,00 4003-WV-ELEN	1.485,00 4003-SE-FL	280,00 4003-WV-FL	570,00 4003-SE-PF	105,00 4003-WV-PF

Safexpert - modules	First license		Follow-up license				Included in package		
	Floating		Floating		Personalized		Basic	Compact	Professional
	Purchase	Service- contract	Purchase	Service- contract	Purchase	Service- contract			
Risk Assessment according to ISO 12100	730,00 4000-SE-EL	180,00 4000-WV-EL	475,00 4000-SE-FL	120,00 4000-WV-FL	205,00 4000-SE-PF	40,00 4000-WV-PF	V	V	V
CE-Guide according to Machinery Directive 2006/42/EC <small>Only available in combination with a Safexpert license.</small>	485,00 4014-SE-EL	90,00 4014-WV-EL	280,00 4014-SE-FL	55,00 4014-WV-FL	110,00 4014-SE-PF	20,00 4014-WV-PF	V	V	V
StandardsMANAGER <small>Data package(s) MRL-EU, EU-Plus,... separately available.</small>	1.215,00 4004-SE-EL	220,00 4004-WV-EL	750,00 4004-SE-FL	155,00 4004-WV-FL	300,00 4004-SE-PF	55,00 4004-WV-PF		V	V
Pictograms library <small>Graphic symbols according to ASR, BGV A8, EN ISO 7010, KennV,...</small>	220,00 4005-SE-EL	--	150,00 4005-SE-FL	--	45,00 4005-SE-PF	--		V	V
Operating instructions template according to EN 82079-1:2012 for machines	220,00 7002-0001-EL	--	150,00 7002-0001-FL	--	45,00 7002-0001-PF	--		V	V
Standards package "Safexpert Standard" <small>Approx. 8 standards in PDF full-text in the field Safety of Machinery.</small>	1.110,00 9884-NP-0616-E	180,00 9884-WV-ELEN	free <small>only available in combination with Safexpert net-license "Standard" (Art. 3300).</small>	--	--	--			V
Standards package "Safexpert Standard Plus" <small>Includes supplementary 59 European standards in the field Safety of Machinery</small>  <small>70% discount in combination with purchase of Safexpert Professional.</small>	1.872,00 9940-NP-0217-E only available in addition to "Safexpert Professional"  6.240,00 9940-0217-E Price without Safexpert Professional	420,00 9940-WV-ELEN only available in combination with Art. 4003-WV-ELEN.	free <small>only available in combination with Safexpert netlicense "Standard Plus" (Art. 3400)</small>	free <small>only available in combination with Safexpert netlicense "Standard Plus" (Art. 3400).</small>	--	--			
CE-Guide according to Low Voltage Directive 2014/35/EU <small>inclusive checklist for compiling the technical documentation according to RoHS Directive 2011/65/EU</small> <small>Only available in combination with a Safexpert license.</small>	725,00 4015-SE-EL	135,00 4015-WV-EL	465,00 4015-SE-FL	90,00 4015-WV-FL	180,00 4015-SE-PF	35,00 4015-WV-PF			
Operating Instructions Assistant	240,00 4007-SE-EL	--	160,00 4007-SE-FL	--	50,00 4007-SE-PF	--			
NormAnalyzer <small>(To insert standards cross-references into Excel, Word, PowerPoint files the Safexpert StandardsMANAGER as well as the particular data package(s) is/are required)</small>	The NormAnalyzer provides personalized analyzes for individual users. Therefore, the purchase is only possible as a personalized license. Possible only in addition to Safexpert Compact or Safexpert Professional + data package.				150,00 4008-SE-PF	30,00 4008-WV-PF			
Data package MRL-EU	--	390,00 4020-WV-EL	--	free		free			
Data package EU-Plus	--	390,00 4021-WV-EL	--	free		free			

### Safexpert Low Voltage Directive

Safexpert - packages according to Low Voltage Directive 2014/35/EU	First license		Follow-up license			
	Floating		Floating		Personalized	
	Purchase	Service-contract	Purchase	Service- contract	Purchase	Service- contract
<b>Safexpert Low Voltage Directive BASIC</b>	1.460,00 4101-SE-EL	260,00 4101-WV-EL	940,00 4101-SE-FL	170,00 4101-WV-FL	355,00 4101-SE-PF	65,00 4101-WV-PF
<b>Safexpert Low Voltage Directive COMPACT</b>	2.660,00 4102-SE-EL	480,00 4102-WV-EL	1.670,00 4102-SE-FL	300,00 4102-WV-FL	635,00 4102-SE-PF	115,00 4102-WV-PF
<b>Safexpert Low Voltage Directive PROFESSIONAL</b>	3.770,00 4103-SE-ELEN	610,00 4103-WV-ELEN	1.670,00 4103-SE-FL	300,00 4103-WV-FL	635,00 4103-SE-PF	115,00 4103-WV-PF

3

Safexpert - modules	First license		Follow-up license				Included in package		
	Floating		Floating		Personalized		Basic	Compact	Professional
	Purchase	Service- contract	Purchase	Service- contract	Purchase	Service- contract			
Risk Assessment according to ISO 12100	730,00 4000-SE-EL	180,00 4000-WV-EL	475,00 4000-SE-FL	120,00 4000-WV-FL	205,00 4000-SE-PF	40,00 4000-WV-PF	V	V	V
CE-Guide according to Low Voltage Directive 2014/35/EU inclusive checklist for compiling the technical documentation according to RoHS Directive 2011/65/EU Only available in combination with a Safexpert license.	725,00 4015-SE-EL	135,00 4015-WV-EL	465,00 4015-SE-FL	90,00 4015-WV-FL	180,00 4015-SE-PF	35,00 4015-WV-PF	V	V	V
StandardsMANAGER Data package(s) MRL-EU, EU-Plus,... separately available.	1.215,00 4004-SE-EL	220,00 4004-WV-EL	750,00 4004-SE-FL	155,00 4004-WV-FL	300,00 4004-SE-PF	55,00 4004-WV-PF		V	V
Pictograms library Graphic symbols according to ASR, BGV A8, EN ISO 7010, KennV,...	220,00 4005-SE-EL	--	150,00 4005-SE-FL	--	45,00 4005-SE-PF	--		V	V
Standards package "Safexpert Standard" Approx. 8 standards in PDF full-text in the field Safety of Machinery.	1.110,00 9884-NP-0616-E	180,00 9884-WV-ELEN	free only available in combination with Safexpert net-license "Standard" (Art. 3300).	free only available in combination with Safexpert net-license "Standard" (Art. 3300).	--	--			V
CE-Guide according to Machinery Directive 2006/42/EC Only available in combination with a Safexpert license.	485,00 4014-SE-EL	90,00 4014-WV-EL	280,00 4014-SE-FL	55,00 4014-WV-FL	110,00 4014-SE-PF	20,00 4014-WV-PF			
Operating Instructions Assistant	240,00 4007-SE-EL	--	160,00 4007-SE-FL	--	50,00 4007-SE-PF	--			
Data package EU-Plus	--	390,00 4021-WV-EL	--	free	--	free			

### Check and Acceptance Assistant

Modules	First license		Follow-up license			
	Floating		Floating		Personalized	
	Purchase	Service-contract	Purchase	Service-contract	Purchase	Service- contract
Check and Acceptance Assistant	680,00 4009-SE-EL	125,00 4009-WV-EL	420,00 4009-SE-FL	80,00 4009-WV-FL	165,00 4009-SE-PF	30,00 4009-WV-PF

Checklists	First license	Follow-up license	Site license*
	Floating	Personalized	Floating
	Purchase	Purchase	Purchase
Checklist acc. to EN ISO 12100:2010 <small>Issued: 2016-07-01 Editor: IBF - Automatisierungs- und Sicherheitstechnik GmbH</small>	665,00 7000-0001-ELEN	150,00 7000-0001-PFEN	1.115,00 7000-0001-SLEN
Checklist acc. to EN 60204-1:2006+A1:2009 Elektrical equipment of machines (English Version) <small>Issued: 2016-08-26 Editor: Bowitek Aps.</small>	1.195,00 7000-0006-ELEN	285,00 7000-0006-PFEN	1.940,00 7000-0006-SLEN
Checklist acc. to Low Voltage Directive 2014/35/EU <small>Issued: 2015-11-13 Editor: IBF - Automatisierungs- und Sicherheitstechnik GmbH</small>	180,00 7000-0005-ELEN	40,00 7000-0005-PFEN	300,00 7000-0005-SLEN
Safexpert Checklist according to Machinery Directive 2006/42/EC, annex I (english Version) <small>Issued: 2014-07-10 Editor: IBF-Automatisierungs- und Sicherheitstechnik GmbH</small>	400,00 7000-0008-ELEN	95,00 7000-0008-PFEN	670,00 7000-0008-SLEN
Checklist to EN ISO 4413:2010 - Hydraulic fluid power - General rules and safety requirements for systems and their components <small>Issued: 2017-07-11 Editor: Bowitek ApS</small>	1.220,00 7000-0013-ELEN	320,00 7000-0013-PFEN	2.050,00 7000-0013-SLEN
Checklist to EN ISO 4414:2010 - Pneumatic fluid power - General rules and safety requirements for systems and their components <small>Issued: 2017-07-13 Editor: Bowitek ApS</small>	1.220,00 7000-0012-ELEN	320,00 7000-0012-PFEN	2.050,00 7000-0012-SLEN
Checklist to EN ISO 14122-(part 1-4):2016 - Safety of machinery - Permanent means of access to machinery <small>Issued: 2017-07-13 Editor: Bowitek ApS</small>	1.220,00 7000-0011-ELEN	320,00 7000-0011-PFEN	2.050,00 7000-0011-SLEN

<p>Checklist to EN ISO 10218-2:2011 - Robots and robotic devices - Safety requirements for industrial robots - Part 2: Robot systems and integration</p> <p>Issued: 2017-07-10 Editor: Bowitek ApS</p>	<p><b>1.220,00</b> 7000-0010-ELEN</p>	<p><b>320,00</b> 7000-0010-PFEN</p>	<p><b>2.050,00</b> 7000-0010-SLEN</p>
<p>Checklist to EN 13155:2003+A2:2009 Cranes – Safety – Non-Fixed Load Lifting Attachments</p> <p>Issued: 2018-03-27 Editor: Bowitek ApS</p>	<p><b>1.220,00</b> 7000-0017-ELEN</p>	<p><b>320,00</b> 7000-0017-PFEN</p>	<p><b>2.050,00</b> 7000-0017-SLEN</p>

\* On request we may offer site licenses for multi-user usage within one certain location or company licenses for multi-user usage across all your locations.

## Standards in full text

Unless otherwise stated, delivery is in textual PDF format. Therefore, a comprehensive full-text search is possible.

Standard package "Safexpert Standard"		Price:
EN 349+A1:2008	Safety of machinery - Minimum gaps to avoid crushing of parts of the human body	66,40
EN 60204-1 +A1:2009	Safety of machinery - Electrical equipment of machines Part 1: General requirements	310,90
EN ISO 12100:2010	Safety of machinery - General principles for design - Risk assessment and risk reduction (ISO 12100:2010)	191,40
EN ISO 13849-1:2015	Safety of machinery - Safety-related parts of control systems Part 1: General principles for design	226,80
EN ISO 13850:2015	Safety of machinery - Emergency stop - Principles for design	87,20
EN ISO 13855:2010	Safety of machinery - Positioning of safeguards with respect to the approach speeds of parts of the human body (ISO 13855:2010)	139,20
EN ISO 13857:2008	Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs	87,20
<b>Package price:</b>		<b>1.110,00</b>

Standard package "Safexpert Standard Plus"		Price:
EN 547-1 +A1:2008	Safety of machinery - Human body measurements Part 1: Principles for determining the dimensions required for openings for whole body access into machinery	75,10
EN 547-2 +A1:2008	Safety of machinery - Human body measurements Part 2: Principles for determining the dimensions required for access openings	101,50
EN 547-3 +A1:2008	Safety of machinery - Human body measurements Part 3: Anthropometric data	66,40
EN 574 +A1:2008	Safety of machinery - Two-hand control devices - Functional aspects - Principles for design	113,60
EN 614-1 +A1:2009	Safety of machinery - Ergonomic design principles - Part 1: Terminology and general principles	101,50
EN 614-2 +A1:2008	Safety of machinery - Ergonomic design principles - Part 2: Interactions between the design of machinery and work tasks	113,60
EN 842 +A1:2008	Safety of machinery - Visual danger signals - General requirements, design and testing	66,40
EN 894-1 +A1:2008	Safety of machinery - Ergonomics requirements for the design of displays and control actuators - Part 1: General principles for human interactions with displays and control actuators	101,50
EN 894-2 +A1:2008	Safety of machinery - Ergonomics requirements for the design of displays and control actuators - Part 2: Displays	101,50
EN 894-3 +A1:2008	Safety of machinery - Ergonomics requirements for the design of displays and control actuators Part 3: Control actuators	124,80
EN 894-4:2010	Safety of machinery - Ergonomics requirements for the design of displays and control actuators Part 3: Control actuators	139,20
EN 981 +A1:2008	Safety of machinery - System of auditory and visual danger and information signals	75,10
EN 1005-1 +A1:2008	Safety of machinery - Human physical performance Part 1: Terms and definitions	75,10
EN 1005-2 +A1:2008	Safety of machinery - Human physical performance Part 2: Manual handling of machinery and component parts of machinery	101,50
EN 1005-3 +A1:2008 Corr.	Safety of machinery - Human physical performance Part 3: Recommended force limits for machinery operation	113,60
EN 1005-4 +A1:2008	Safety of machinery - Human physical performance Part 4: Evaluation of working postures and movements in relation to machinery	87,20
EN 1032 +A1:2008	Mechanical vibration - Testing of mobile machinery in order to determine the vibration emission value	101,50
EN 1037 +A1:2008	Safety of machinery - Prevention of unexpected start-up	87,20
EN 1093-1:2008	Safety of machinery - Evaluation of the emission of airborne hazardous substances Part 1: Selection of test methods	66,40
EN 1093-2 +A1:2008	Safety of machinery - Evaluation of the emission of airborne hazardous substances - Part 2: Tracer gas method for the measurement of the emission rate of a given pollutant	75,10
EN 1093-3+A1:2008	Safety of machinery - Evaluation of the emission of airborne hazardous substances Part 3: Test bench method for the measurement of the emission rate of a given pollutant	75,10

EN 1093-4+A1:2008	Safety of machinery - Evaluation of the emission of airborne hazardous substances Part 4: Capture efficiency of an exhaust system - Tracer method	87,20
EN 1093-6+A1:2008	Safety of machinery - Evaluation of the emission of airborne hazardous substances Part 6: Separation efficiency by mass, unducted outlet	66,40
EN 1093-7+A1:2008	Safety of machinery - Evaluation of the emission of airborne hazardous substances Part 7: Separation efficiency by mass, ducted outlet	66,40
EN 1093-8+A1:2008	Safety of machinery - Evaluation of the emission of airborne hazardous substances Part 8: Pollutant concentration parameter, test bench method	66,40
EN 1093-9+A1:2008	Safety of machinery - Evaluation of the emission of airborne hazardous substances Part 9: Pollutant concentration parameter, room method	66,40
EN 1093-11+A1:2008	Safety of machinery - Evaluation of the emission of airborne hazardous substances Part 11: Decontamination index	66,40
EN 1127-1:2011	Explosive atmospheres - Explosion prevention and protection Part 1: Basic concepts and methodology	148,00
EN 1746:1998	Safety of machinery - Guidance for the drafting of the noise clauses of safety standards	66,40
<b>Standard package "Safexpert Standard Plus"</b>		<b>Price:</b>
EN 547-1 +A1:2008	Safety of machinery - Human body measurements Part 1: Principles for determining the dimensions required for openings for whole body access into machinery	75,10
EN 1837 +A1:2009	Safety of machinery - Integral lighting of machines	75,10
EN 12198-1+A1:2008	Safety of machinery - Assessment and reduction of risks arising from radiation emitted by machinery - Part 1: General principles	101,50
EN 12198-2+A1:2008	Safety of machinery - Assessment and reduction of risks arising from radiation emitted by machinery Part 2: Radiation emission measurement procedure	87,20
EN 12198-3+A1:2008	Safety of machinery - Assessment and reduction of risks arising from radiation emitted by machinery Part 3: Reduction of radiation by attenuation or screening	75,10
EN 12786:2013	Safety of machinery - Requirements for the drafting of the vibration clauses of safety standards	87,20
EN 13861:2011	Safety of machinery - Guidance for the application of ergonomics standards in the design of machinery	124,80
EN 62061+A2:2015	Functional safety of safety-related electrical, electronic and programmable electronic control systems	201,80
EN ISO 4413:2010	Hydraulic fluid power — General rules and safety requirements for systems and their components	139,20
EN ISO 4414:2010	Pneumatic fluid power - General rules and safety requirements for systems and their components	124,80
EN ISO 7731:2008	Ergonomics - Danger signals for public and work areas - Auditory danger signals	101,50
EN ISO 11161+A1:2010	Safety of machinery - Integrated manufacturing systems - Basic requirements - Amendment 1	124,80
EN ISO 11553-1:2008	Safety of machinery - Laser processing machines - Part 1: General safety requirements	101,50
EN ISO 11553-3:2013	Safety of machinery - Laser processing machines - Part 3: Noise reduction and noise measurement methods for laser processing machines and hand-held processing devices and associated auxiliary equipment (accuracy grade 2)	87,20
EN ISO 13732-1:2008	Ergonomics of the thermal environment - Methods for the assessment of human responses to contact with surfaces Part 1: Hot surfaces	139,20
EN ISO 13732-3:2008	Ergonomics of the thermal environment - Methods for the assessment of human responses to contact with surfaces Part 3: Cold surfaces	113,60
EN ISO 13849-2:2012	Safety of machinery - Safety-related parts of control systems Part 2: Validation	187,70
EN ISO 13856-1:2013	Safety of machinery - Pressure-sensitive protective devices - Part 1: General principles for design and testing of pressuresensitive mats and pressure-sensitive floors	139,20
EN ISO 13856-2:2013	Safety of machinery - Pressure-sensitive protective devices - Part 2: General principles for design and testing of pressuresensitive edges and pressure-sensitive bars	165,60
EN ISO 13856-3:2013	Safety of machinery - Pressure-sensitive protective devices Part 3: General principles for design and testing of pressuresensitive bumpers, plates, wires and similar devices	165,60
EN ISO 14119:2013	Safety of machinery - Interlocking devices associated with guards - Principles for design and selection	165,60
EN ISO 14120:2015	Safety of machinery - Guards - General requirements for the design and construction of fixed and movable guards	148,00
EN ISO 14122-1:2016	Safety of machinery Permanent means of access to machinery Part 1: Choice of fixed means of access between two levels	87,20
EN ISO 14122-2:2016	Safety of machinery Permanent means of access to machinery Part 2: Working platforms and walkways	101,50
EN ISO 14122-3:2016	Safety of machinery Permanent means of access to machinery Part 3: Stairs, stepladders and guard-rails	113,60
EN ISO 14122-4:2016	Safety of machinery – Permanent means of access to machinery – Part 4: Fixed ladders	148,00
EN ISO 14123-1:2015	Safety of machinery - Reduction of risks to health resulting from hazardous substances emitted by machinery - Part 1: Principles and specifications for machinery manufacturers	87,20
EN ISO 14123-2:2015	Safety of machinery - Reduction of risks to health resulting from hazardous substances emitted by machinery - Part 2: Methodology leading to verification procedures	75,10



EN ISO 14159:2008	Safety of machinery - Hygiene requirements for the design of machinery	113,60
EN ISO 14738:2008	Safety of machinery - Anthropometric requirements for the design of workstations at machinery	113,60
EN ISO 19353:2016	Safety of machinery - Fire prevention and fire protection	148,00
<b>Total:</b>		6.240,00
<b>Package price: Supplement to Safexpert Professional</b>		<b>1.872,00</b>

Unless otherwise stated, delivery is in textual PDF format. Therefore, a comprehensive full-text search is possible: Delivery is via Internet download via Safexpert Live Server

All European original texts of these standards were produced and tested by the Austrian Standardization Institute as ÖNORM: IBF has worldwide distribution rights for all standards offered. The detailed terms of use can be found on our homepage. On request, we will gladly send you these. Prices in € plus VAT. For net invoices to other EU countries we need a valid UID number.

## Simultaneous access to the standards

Network licenses: Simultaneous access to standard packages for several users as an annual subscription	First licence	Follow-up licence
Network licence "Standard" - to 5 simultaneous accesses	<b>281,00</b> 3300-005-DE	* only in conjunction with Art. 4003-SE-FL
Network licence "Standard" - to 10 simultaneous accesses	<b>416,00</b> 3300-010-DE	* only in conjunction with Art. 4003-SE-FL
Network licence "Standard Plus" - to 5 simultaneous accesses	<b>947,00</b> 3400-005-DE	* only in conjunction with Art. 9940-NP-xx
Network licence "Standard Plus" - to 10 simultaneous accesses	<b>1.394,00</b> 3400-010-DE	* only in conjunction with Art. 9940-NP-xx

8

## Trainings & Seminars

Since more than 20 years we assist enterprises in the most efficient CE Marking of plant and machinery. Our specially developed seminars and trainings are characterized by the slogan „Maximum information in minimum time“ and provide high practical benefit.

<b>1</b>	<b>Efficient CE Marking of plant and machinery</b> The quick overview on basic principles of Machinery Directive, standards, risk assessment,...	per day – € 1.950,-*
<b>2</b>	<b>Safexpert training course</b> Overview on the most important functions of Safexpert for most efficient computer-aided risk assessments and CE-activities.	per day – € 1.430,-*
<b>3</b>	<b>Safexpert Advanced training course</b> Creation of industry-specific templates according to type C standards	per day – € 1.430,-*

\* Additionally to those prices travelling expenses (journey time allowance, mileage allowance, costs for hotels, flight tickets,...) are charged.



We'd be happy to prepare an individual offer according to your special requirements!



9

## Contact details

### European office

Stationsplein 30, 1382AD  
Weesp, The Netherlands

+31 (0) 294 48 33 55

### Chinese office

No. 17A Jianshe West Road  
Shenyang, China

+86 (0)24 3112 4820

### German office

Lohmühlenstraße 65, 12435  
Berlin, Germany

+31 (0)294 48 33 55