

## Standards with crossreferences and jumpmarks included in Safexpert ver 8.5

Document	Title	Standardspackage	New in 8.5
2006/42/EG	Directive of Machinery 2006/42/EC of the European Parliament	FREE	-
2014/35/EU	Low Voltage Directive 2014/35/EU of the European Parliament	FREE	-
EN 1005-1:2001+A1:2008	Safety of machinery — Human physical performance Part 1: Terms and definitions	Standard Plus	Ja
EN 1005-2:2003+A1:2008	Safety of machinery — Human physical performance Part 2: Manual handling of machinery and component parts of machinery	Standard Plus	Ja
EN 1005-3:2002+A1:2008	Safety of machinery — Human physical performance Part 3: Recommended force limits for machinery operation	Standard Plus	Ja
EN 1005-4:2005+A1:2008	Safety of machinery — Human physical performance Part 4: Evaluation of working postures and movements in relation to machinery	Standard Plus	Ja
EN 12198-1:2000+A1:2008	Safety of machinery — Assessment and reduction of risks arising from radiation emitted by machinery Part 2: Radiation emission measurement procedure	Standard Plus	Ja
EN 12198-3:2002+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	Standard Plus	Ja
EN 1299:1997+A1:2008	Mechanical vibration and shock — Vibration isolation of machines — Information for the application of source isolation	- none -	Ja
EN 1837:1999+A1:2009	Safety of machinery — Integral lighting of machines	Standard Plus	Ja
EN 349:1993+A1:2008	Safety of machinery — Minimum gaps to avoid crushing of parts of the human body	Standard	-
EN 60204-1:2006/A1:2009	Safety of machinery - Electrical equipment of machines - Part 1: General requirements	Standard	-
EN 60204-1:2018	Safety of machinery - Electrical equipment of machines - Part 1: General requirements	Standard	-
EN 614-1:2006+A1:2009	Safety of machinery - Ergonomic design principles - Part 1: Terminology and general principles	Standard Plus	Ja
EN 614-2:2000+A1:2008	Safety of machinery - Ergonomic design principles - Part 2: Interactions between the design of machinery and work tasks	Standard Plus	Ja
EN 842:1996+A1:2008	Safety of machinery - Visual danger signals - General requirements, design and testing	Standard Plus	Ja
EN 894-1:1997+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	Standard Plus	Ja
EN 894-2:1997+A1:2008	Safety of machinery - Ergonomics requirements for the design of displays and control actuators - Part 2: Displays	Standard Plus	Ja
EN 894-3:2000+A1:2008	Safety of machinery - Ergonomics requirements for the design of displays and control actuators - Part 3: Control actuators	Standard Plus	Ja
EN 894-4:2010	Safety of machinery - Ergonomics requirements for the design of displays and control actuators - Part 4: Location and arrangement	Standard Plus	Ja
EN 981:1996+A1:2008	Safety of machinery - System of auditory and visual danger and information signals	Standard Plus	Ja
EN ISO 11553-1:2008	Safety of machinery - Laser processing machines - Part 1: General safety requirements (ISO 11553-1:2005)	Standard Plus	Ja
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) (ISO 11553-3:2013)	Standard Plus	Ja
EN ISO 11688-1:2009	Acoustics - Recommended practice for the design of low-noise machinery and equipment - Part 1: Planning (ISO/TR 11688-1:1995)	- none -	Ja
EN ISO 12100:2010	Safety of machinery - General principles for design - Risk assessment and risk reduction (ISO 12100:2010)	Standard	-
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 (ISO 13732-1:2006)	Standard Plus	-
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 (ISO 13732-3:2005)	Standard Plus	-
EN ISO 13849-1:2015	Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design (ISO 13849-1:2015)	Standard	-
EN ISO 13849-2:2012	Safety of machinery - Safety-related parts of control systems - Part 2: Validation (ISO 13849-2:2012)	Standard Plus	-
EN ISO 13854:2019	Safety of machinery - Minimum gaps to avoid crushing of parts of the human body (ISO 13854:2017)	Standard	Ja
EN ISO 13857:2008	Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs (ISO 13857:2019)	Standard	Ja
EN ISO 14118:2018	Safety of machinery - Prevention of unexpected start-up (ISO 14118:2017)	Standard Plus	Ja
EN ISO 14119:2013	Safety of machinery — Interlocking devices associated with guards — Principles for design and selection (ISO 14119:2013)	Standard Plus	-
EN ISO 14120:2015	Safety of machinery - Guards - General requirements for the design and construction of fixed and movable guards (ISO 14120:2015)	Standard Plus	Ja
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 (ISO 14123-1:2015)	Standard Plus	Ja
EN ISO 19353:2019	Safety of machinery - Fire prevention and fire protection (ISO 19353:2019)	Standard Plus	Ja
EN ISO 4414:2010	Pneumatic fluid power - General rules and safety requirements for systems and their components (ISO 4414:2010)	Standard Plus	-
EN ISO 4871:2009	Acoustics - Declaration and verification of noise emission values of machinery and equipment (ISO 4871:1996)	- none -	Ja