

NOTICES FROM MEMBER STATES

Commission communication in the framework of the implementation of the Directive 98/37/EC of the European Parliament and of the Council on the approximation of the laws of the Member States relating to machinery**(Text with EEA relevance)***(Publication of titles and references of harmonised standards under the directive)*

(2009/C 74/03)

ESO (*)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 81-3:2000 + A1:2008 Safety rules for the construction and installation of lifts — Part 3: Electric and hydraulic service lifts	28.1.2009	EN 81-3:2000	28.12.2009
CEN	EN 81-40:2008 Safety rules for the construction and installation of lifts — Special lifts for the transport of persons and goods — Part 40: Stairlifts and inclined lifting platforms intended for persons with impaired mobility	This is the first publication	—	
CEN	EN 115-1:2008 Safety of escalators and moving walks — Part 1: Construction and installation	28.1.2009	EN 115:1995	28.12.2009
CEN	EN 201:1997 Rubber and plastics machines — Injection moulding machines — Safety requirements	4.6.1997	—	
	EN 201:1997/A1:2000	20.5.2000	Note 3	Date expired (31.8.2000)
	EN 201:1997/A2:2005	31.12.2005	Note 3	Date expired (31.1.2006)
CEN	EN 280:2001 Mobile elevating work platforms — Design calculations — Stability criteria — Construction — Safety — Examinations and tests	14.6.2002	—	
	EN 280:2001/A1:2004	2.8.2006	Note 3	Date expired (2.8.2006)
CEN	EN 289:2004 + A1:2008 Plastics and rubber machines — Presses — Safety requirements	28.1.2009	EN 289:2004	28.12.2009
CEN	EN 349:1993 + A1:2008 Safety of machinery — Minimum gaps to avoid crushing of parts of the human body	22.8.2008	EN 349:1993	28.12.2009

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 378-2:2008 Refrigerating systems and heat pumps — Safety and environmental requirements — Part 2: Design, construction, testing, marking and documentation	22.8.2008	—	
CEN	EN 415-1:2000 Packaging machines safety — Part 1: Terminology and classification of packaging machines and associated equipment	14.6.2002	—	
CEN	EN 415-2:1999 Packaging machines safety — Part 2: Pre-formed rigid container packaging machines	20.5.2000	—	
CEN	EN 415-3:1999 Safety of packaging machines — Part 3: Form, fill and seal machines	27.11.2001	—	
CEN	EN 415-4:1997 Safety of packaging machines — Part 4: Palletisers and depalletisers	4.6.1997	—	
CEN	EN 415-5:2006 Safety of packaging machines — Wrapping machines	8.5.2007	—	
CEN	EN 415-6:2006 Safety of packaging machines — Part 6: Pallet wrapping machines	8.5.2007	—	
CEN	EN 415-7:2006 + A1:2008 Safety of packaging machines — Part 7: Group and secondary packaging machines	28.1.2009	EN 415-7:2006	28.12.2009
CEN	EN 415-8:2008 Safety of packaging machines — Part 8: Strapping machines	24.6.2008	—	
CEN	EN 422:1995 Rubber and plastics machines — Safety — Blow moulding machines intended for the production of hollow articles — Requirements for the design and construction	8.8.1996	—	
CEN	EN 453:2000 Food processing machinery — Dough mixers — Safety and hygiene requirements	10.3.2001	—	
CEN	EN 454:2000 Food processing machinery — Planetary mixers — Safety and hygiene requirements	10.3.2001	—	
CEN	EN 474-1:2006 Earth-moving machinery — Safety — Part 1: General requirements	8.5.2007	EN 474-1:1994	Date expired (30.11.2008)
CEN	EN 474-2:2006 + A1:2008 Earth-moving machinery — Safety — Part 2: Requirements for tractor-dozers	This is the first publication	EN 474-2:2006	28.12.2009
CEN	EN 474-3:2006 Earth-moving machinery — Safety — Part 3: Requirements for loaders	8.5.2007	EN 474-3:1996	Date expired (30.11.2008)

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 474-4:1996 Earth-moving machinery — Safety — Part 4: Requirements for backhoe loaders	15.10.1996	—	
CEN	EN 474-5:1996 Earth-moving machinery — Safety — Part 5: Requirements for hydraulic excavators EN 474-5:1996/AC:1997	15.10.1996	—	
CEN	EN 474-6:2006 Earth-moving machinery — Safety — Part 6: Requirements for dumpers	8.5.2007	EN 474-6:1996	Date expired (30.11.2008)
CEN	EN 474-7:2006 Earth-moving machinery — Safety — Part 7: Requirements for scrapers	8.5.2007	EN 474-7:1998	Date expired (30.11.2008)
CEN	EN 474-8:2006 Earth-moving machinery — Safety — Part 8: Requirements for graders	8.5.2007	EN 474-8:1998	Date expired (30.11.2008)
CEN	EN 474-9:2006 Earth-moving machinery — Safety — Part 9: Requirements for pipelayers	8.5.2007	EN 474-9:1998	Date expired (30.11.2008)
CEN	EN 474-10:2006 Earth-moving machinery — Safety — Part 10: Requirements for trenchers	8.5.2007	EN 474-10:1998	Date expired (30.11.2008)
CEN	EN 474-11:2006 + A1:2008 Earth-moving machinery — Safety — Part 11: Requirements for earth and landfill compactors	This is the first publication	EN 474-11:2006	28.12.2009
CEN	EN 474-12:2006 + A1:2008 Earth-moving machinery — Safety — Part 12: Requirements for cable excavators	This is the first publication	EN 474-12:2006	28.12.2009
CEN	EN 500-1:2006 Mobile road construction machinery — Safety — Part 1: Common requirements	8.5.2007	EN 500-1:1995	Date expired (30.11.2008)
CEN	EN 500-2:2006 + A1:2008 Mobile road construction machinery — Safety — Part 2: Specific requirements for road-milling machines	This is the first publication	EN 500-2:2006	28.12.2009
CEN	EN 500-3:2006 + A1:2008 Mobile road construction machinery — Safety — Part 3: Specific requirements for soil-stabilising machines and recycling machines	This is the first publication	EN 500-3:2006	28.12.2009
CEN	EN 500-4:1995 Mobile road construction machinery — Safety — Part 4: Specific requirements for compaction machines	14.2.1996	—	
CEN	EN 500-6:2006 + A1:2008 Mobile road construction machinery — Safety — Part 6: Specific requirements for paver-finishers	This is the first publication	EN 500-6:2006	28.12.2009
CEN	EN 528:2008 Rail dependent storage and retrieval equipment — Safety requirements	This is the first publication	EN 528:1996	31.12.2009

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 536:1999 Road construction machines — Asphalt mixing plants — Safety requirements	5.11.1999	—	
CEN	EN 547-1:1996 + A1:2008 Safety of machinery — Human body measurements — Part 1: Principles for determining the dimensions required for openings for whole body access into machinery	28.1.2009	EN 547-1:1996	28.12.2009
CEN	EN 547-2:1996 + A1:2008 Safety of machinery — Human body measurements — Part 2: Principles for determining the dimensions required for access openings	28.1.2009	EN 547-2:1996	28.12.2009
CEN	EN 547-3:1996 + A1:2008 Safety of machinery — Human body measurements — Part 3: Anthropometric data	28.1.2009	EN 547-3:1996	28.12.2009
CEN	EN 574:1996 + A1:2008 Safety of machinery — Two-hand control devices — Functional aspects — Principles for design	22.8.2008	EN 574:1996	28.12.2009
CEN	EN 609-1:1999 Agricultural and forestry machinery — Safety of log splitters — Part 1: Wedge splitters EN 609-1:1999/A1:2003	11.6.1999 31.12.2005	— Note 3	Date expired (31.12.2005)
CEN	EN 609-2:1999 Agricultural and forestry machinery — Safety of log splitters — Part 2: Screw splitter	15.4.2000	—	
CEN	EN 614-1:2006 Safety of machinery — Ergonomic design principles — Part 1: Terminology and general principles	8.5.2007	EN 614-1:1995	Date expired (8.5.2007)
CEN	EN 614-2:2000 + A1:2008 Safety of machinery — Ergonomic design principles — Part 2: Interactions between the design of machinery and work tasks	28.1.2009	EN 614-2:2000	28.12.2009
CEN	EN 617:2001 Continuous handling equipment and systems — Safety and EMC requirements for the equipment for the storage of bulk materials in silos, bunkers, bins and hoppers	14.6.2002	—	
CEN	EN 618:2002 Continuous handling equipment and systems — Safety and EMC requirements for equipment for mechanical handling of bulk materials except fixed belt conveyors	24.6.2003	—	
CEN	EN 619:2002 Continuous handling equipment and systems — Safety and EMC requirements for equipment for mechanical handling of unit loads	14.8.2003	—	
CEN	EN 620:2002 Continuous handling equipment and systems — Safety and EMC requirements for fixed belt conveyors for bulk materials	24.6.2003	—	

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 626-1:1994 + A1:2008 Safety of machinery — Reduction of risks to health from hazardous substances emitted by machinery — Part 1: Principles and specifications for machinery manufacturers	28.1.2009	EN 626-1:1994	28.12.2009
CEN	EN 626-2:1996 + A1:2008 Safety of machinery — Reduction of risk to health from hazardous substances emitted by machinery — Part 2: Methodology leading to verification procedures	22.8.2008	EN 626-2:1996	28.12.2009
CEN	EN 627:1995 Specification for data logging and monitoring of lifts, escalators and passenger conveyors	28.11.1996	—	
CEN	EN 632:1995 Agricultural machinery — Combine harvesters and forage harvesters — Safety	8.8.1996	—	
CEN	EN 690:1994 Agricultural machinery — Manure spreaders — Safety	1.7.1995	—	
CEN	EN 692:2005 Machine tools — Mechanical presses — Safety	2.8.2006	EN 692:1996	Date expired (2.8.2006)
CEN	EN 693:2001 Machine tools — Safety — Hydraulic presses	27.11.2001	—	
CEN	EN 703:2004 Agricultural machinery — Silage loading, mixing and/or chopping and distributing machines — Safety	31.12.2005	EN 703:1995	Date expired (31.12.2005)
CEN	EN 704:1999 Agricultural machinery — Pick-up balers — Safety	11.6.1999	—	
CEN	EN 706:1996 Agricultural machinery — Vine shoot tipping machines — Safety	22.3.1997	—	
CEN	EN 707:1999 Agricultural machinery — Slurry tankers — Safety	5.11.1999	—	
CEN	EN 708:1996 Agricultural machinery — Soil working machines with powered tools — Safety	8.5.1997	—	
	EN 708:1996/A1:2000	16.6.2000	Note 3	Date expired (30.9.2000)
CEN	EN 709:1997 Agricultural and forestry machinery — Pedestrian controlled tractors with mounted rotary cultivators, motor hoes, motor hoes with drive wheel(s) — Safety	23.10.1997	—	
	EN 709:1997/A1:1999	15.4.2000	Note 3	Date expired (15.4.2000)
CEN	EN 710:1997 Safety requirements for foundry moulding and coremaking machinery and plant associated equipment	13.3.1998	—	
CEN	EN 741:2000 Continuous handling equipment and systems — Safety requirements for systems and their components for pneumatic handling of bulk materials	27.11.2001	—	

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 745:1999 Agricultural machinery — Rotary mowers and flail-mowers — Safety	11.6.1999	—	
CEN	EN 746-1:1997 Industrial thermoprocessing equipment — Part 1: Common safety requirements for industrial thermoprocessing equipment	4.6.1997	—	
CEN	EN 746-2:1997 Industrial thermoprocessing equipment — Part 2: Safety requirements for combustion and fuel handling systems	4.6.1997	—	
CEN	EN 746-3:1997 Industrial thermoprocessing equipment — Part 3: Safety requirements for the generation and use of atmosphere gases	4.6.1997	—	
CEN	EN 746-4:2000 Industrial thermoprocessing equipment — Part 4: Particular safety requirements for hot dip galvanising thermoprocessing equipment	16.6.2000	—	
CEN	EN 746-5:2000 Industrial thermoprocessing equipment — Part 5: Particular safety requirements for salt bath thermoprocessing equipment	27.11.2001	—	
CEN	EN 746-8:2000 Industrial thermoprocessing equipment — Part 8: Particular safety requirements for quenching equipment	27.11.2001	—	
CEN	EN 774:1996 Garden equipment — Hand held, integrally powered hedge trimmers — Safety	15.10.1996	—	
	EN 774:1996/A1:1997	8.5.1997	Note 3	Date expired (31.8.1997)
	EN 774:1996/A2:1997	23.10.1997	Note 3	Date expired (31.12.1997)
	EN 774:1996/A3:2001	27.11.2001	Note 3	Date expired (27.11.2001)
CEN	EN 786:1996 Garden equipment — Electrically powered walk-behind and hand-held lawn trimmers and lawn edge trimmers — Mechanical safety	15.10.1996	—	
	EN 786:1996/A1:2001	27.11.2001	Note 3	Date expired (27.11.2001)
	EN 786:1996/AC:1996			
CEN	EN 791:1995 Drill rigs — Safety	8.8.1996	—	
CEN	EN 792-1:2000 + A1:2008 Hand-held non-electric power tools — Safety requirements — Part 1: Assembly power tools for non-threaded mechanical fasteners	28.1.2009	EN 792-1:2000	28.12.2009
CEN	EN 792-2:2000 + A1:2008 Hand-held non-electric power tools — Safety requirements — Part 2: Cutting-off and crimping power tools	28.1.2009	EN 792-2:2000	28.12.2009

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CEN	EN 792-3:2000 + A1:2008 Hand-held non-electric power tools — Safety requirements — Part 3: Drills and tappers	28.1.2009	EN 792-3:2000	28.12.2009
CEN	EN 792-4:2000 + A1:2008 Hand-held non-electric power tools — Safety requirements — Part 4: Non-rotary percussive power tools	28.1.2009	EN 792-4:2000	28.12.2009
CEN	EN 792-5:2000 + A1:2008 Hand-held non-electric power tools — Safety requirements — Part 5: Rotary percussive drills	28.1.2009	EN 792-5:2000	28.12.2009
CEN	EN 792-6:2000 + A1:2008 Hand-held non-electric power tools — Safety requirements — Part 6: Assembly power tools for threaded fasteners	28.1.2009	EN 792-6:2000	28.12.2009
CEN	EN 792-7:2001 + A1:2008 Hand-held non-electric power tools — Safety requirements — Part 7: Grinders	28.1.2009	EN 792-7:2001	28.12.2009
CEN	EN 792-8:2001 + A1:2008 Hand-held non-electric power tools — Safety requirements — Part 8: Sanders and polishers	28.1.2009	EN 792-8:2001	28.12.2009
CEN	EN 792-9:2001 + A1:2008 Hand-held non-electric power tools — Safety requirements — Part 9: Die grinders	28.1.2009	EN 792-9:2001	28.12.2009
CEN	EN 792-10:2000 + A1:2008 Hand-held non-electric power tools — Safety requirements — Part 10: Compression power tools	28.1.2009	EN 792-10:2000	28.12.2009
CEN	EN 792-11:2000 + A1:2008 Hand-held non-electric power tools — Safety requirements — Part 11: Nibblers and shears	28.1.2009	EN 792-11:2000	28.12.2009
CEN	EN 792-12:2000 + A1:2008 Hand-held non-electric power tools — Safety requirements — Part 12: Small circular, small oscillating and reciprocating saws	28.1.2009	EN 792-12:2000	28.12.2009
CEN	EN 792-13:2000 + A1:2008 Hand-held non-electric power tools — Safety requirements — Part 13: Fastener driving tools	28.1.2009	EN 792-13:2000	28.12.2009
CEN	EN 809:1998 Pumps and pump units for liquids — Common safety requirements EN 809:1998/AC:2001	15.10.1998	—	
CEN	EN 815:1996 + A2:2008 Safety of unshielded tunnel boring machines and rodless shaft boring machines for rock — Safety requirements	28.1.2009	EN 815:1996	28.12.2009
CEN	EN 818-1:1996 + A1:2008 Short link chain for lifting purposes — Safety — Part 1: General condi- tions of acceptance	22.8.2008	EN 818-1:1996	28.12.2009
CEN	EN 818-2:1996 + A1:2008 Short link chain for lifting purposes — Safety — Part 2: Medium toler- ance chain for chain slings — Grade 8	22.8.2008	EN 818-2:1996	28.12.2009

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 818-3:1999 + A1:2008 Short link chain for lifting purposes — Safety — Part 3: Medium tolerance chain for chain slings — Grade 4	22.8.2008	EN 818-3:1999	28.12.2009
CEN	EN 818-4:1996 + A1:2008 Short link chain for lifting purposes — Safety — Part 4: Chain slings — Grade 8	22.8.2008	EN 818-4:1996	28.12.2009
CEN	EN 818-5:1999 + A1:2008 Short link chain for lifting purposes — Safety — Part 5: Chain slings — Grade 4	22.8.2008	EN 818-5:1999	28.12.2009
CEN	EN 818-6:2000 + A1:2008 Short link chain for lifting purposes — Safety — Part 6: Chain slings — Specification for information for use and maintenance to be provided by the manufacturer	22.8.2008	EN 818-6:2000	28.12.2009
CEN	EN 818-7:2002 + A1:2008 Short link chain for lifting purposes — Safety — Part 7: Fine tolerance hoist chain, Grade T (Types T, DAT and DT)	22.8.2008	EN 818-7:2002	28.12.2009
CEN	EN 836:1997 Garden equipment — Powered lawnmowers — Safety	4.6.1997	—	
	EN 836:1997/A1:1997	13.3.1998	Note 3	Date expired (30.4.1998)
	EN 836:1997/A2:2001	27.11.2001	Note 3	Date expired (27.11.2001)
	EN 836:1997/A3:2004	31.12.2005	Note 3	Date expired (31.12.2005)
	EN 836:1997/AC:2006			
CEN	EN 842:1996 + A1:2008 Safety of machinery — Visual danger signals — General requirements, design and testing	28.1.2009	EN 842:1996	28.12.2009
CEN	EN 848-1:2007 Safety of woodworking machines — One side moulding machines with rotating tool — Part 1: Single spindle vertical moulding machines	6.11.2007	EN 848-1:1998	Date expired (31.8.2008)
CEN	EN 848-2:2007 Safety of woodworking machines — One side moulding machines with rotating tool — Part 2: Single spindle hand fed/integrated fed routing machines	6.11.2007	EN 848-2:1998	Date expired (31.8.2008)
CEN	EN 848-3:1999 Safety of woodworking machines — One side moulding machines with rotating tool — Part 3: Numerical control (NC) boring machines and routing machines	15.4.2000	—	

Warning: With regard to the characteristics of and the choice of materials for curtain guards, especially strip curtains, this publication does not concern clauses 5.2.7.1.2(b), paragraphs 1 to 6, of this standard, the application of which does not confer a presumption of conformity to the essential health and safety requirements 1.3.2, 1.3.3 and 1.4.1 of Annex I to Directive 98/37/EC in conjunction with essential health and safety requirement 1.1.2(a) of that Annex.

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 859:2007 Safety of woodworking machines — Hand fed surface planing machines	24.6.2008	EN 859:1997	Date expired (31.12.2008)
CEN	EN 860:2007 Safety of woodworking machines — One side thickness planing machines	6.11.2007	EN 860:1997	30.6.2010
CEN	EN 861:2007 Safety of woodworking machines — Surface planing and thicknessing machines	6.11.2007	EN 861:1997	30.6.2010
CEN	EN 869:2006 Safety of machinery — Safety requirements for pressure metal diecasting units	8.5.2007	EN 869:1997	Date expired (8.5.2007)
CEN	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	This is the first publication	EN 894-1:1997	28.12.2009
CEN	EN 894-2:1997 + A1:2008 Safety of machinery — Ergonomics requirements for the design of displays and control actuators — Part 2: Displays	This is the first publication	EN 894-2:1997	28.12.2009
CEN	EN 894-3:2000 + A1:2008 Safety of machinery — Ergonomics requirements for the design of displays and control actuators — Part 3: Control actuators	This is the first publication	EN 894-3:2000	28.12.2009
CEN	EN 907:1997 Agricultural and forestry machinery — Sprayers and liquid fertilizer distributors — Safety	23.10.1997	—	
CEN	EN 908:1999 Agricultural and forestry machinery — Reel machines for irrigation — Safety	11.6.1999	—	
CEN	EN 909:1998 Agricultural and forestry machinery — Centre pivot and moving lateral types irrigation machines — Safety	11.6.1999	—	
CEN	EN 930:1997 Footwear, leather and imitation leather goods manufacturing machines — Roughing, scouring, polishing and trimming machines — Safety requirements EN 930:1997/A1:2004	13.3.1998 31.12.2005	— Note 3	Date expired (31.12.2005)
CEN	EN 931:1997 Footwear manufacturing machines — Lasting machines — Safety requirements EN 931:1997/A1:2004	13.3.1998 31.12.2005	— Note 3	Date expired (31.12.2005)

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CEN	EN 940:1997 Safety of woodworking machines — Combined woodworking machines EN 940:1997/AC:1997	23.10.1997	—	
CEN	EN 953:1997 Safety of machinery — Guards — General requirements for the design and construction of fixed and movable guards	13.3.1998	—	
CEN	EN 972:1998 Tannery machines — Reciprocating roller machines — Safety require- ments	15.10.1998	—	
CEN	EN 981:1996 + A1:2008 Safety of machinery — System of auditory and visual danger and infor- mation signals	28.1.2009	EN 981:1996	28.12.2009
CEN	EN 982:1996 + A1:2008 Safety of machinery — Safety requirements for fluid power systems and their components — Hydraulics	28.1.2009	EN 982:1996	28.12.2009
CEN	EN 983:1996 + A1:2008 Safety of machinery — Safety requirements for fluid power systems and their components — Pneumatics	28.1.2009	EN 983:1996	28.12.2009
CEN	EN 996:1995 Piling equipment — Safety requirements EN 996:1995/A1:1999 EN 996:1995/A2:2003 EN 996:1995/A1:1999/AC:1999	15.10.1996 11.6.1999 20.4.2004	— Note 3 Note 3	Date expired (31.7.1999) Date expired (20.4.2004)
CEN	EN 999:1998 + A1:2008 Safety of machinery — The positioning of protective equipment in respect of approach speeds of parts of the human body	28.1.2009	EN 999:1998	28.12.2009
CEN	EN 1005-1:2001 + A1:2008 Safety of machinery — Human physical performance — Part 1: Terms and definitions	This is the first publication	EN 1005-1:2001	28.12.2009
CEN	EN 1005-2:2003 + A1:2008 Safety of machinery — Human physical performance — Part 2: Manual handling of machinery and component parts of machinery	This is the first publication	EN 1005-2:2003	28.12.2009
CEN	EN 1005-3:2002 + A1:2008 Safety of machinery — Human physical performance — Part 3: Recom- mended force limits for machinery operation	This is the first publication	EN 1005-3:2002	28.12.2009
CEN	EN 1005-4:2005 + A1:2008 Safety of machinery — Human physical performance — Part 4: Evalua- tion of working postures and movements in relation to machinery	This is the first publication	EN 1005-4:2005	28.12.2009

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 1010-1:2004 Safety of machinery — Safety requirements for the design and construction of printing and paper converting machines — Part 1: Common requirements	31.12.2005	—	
CEN	EN 1010-2:2006 Safety of machinery — Safety requirements for the design and construction of printing and paper converting machines — Part 2: Printing and varnishing machines including pre-press machinery	2.8.2006	—	
CEN	EN 1010-3:2002 Safety of machinery — Safety requirements for the design and construction of printing and paper converting machines — Part 3: Cutting machines	14.8.2003	—	
CEN	EN 1010-4:2004 Safety of machinery — Safety requirements for the design and construction of printing and paper converting machines — Part 4: Bookbinding, paper converting and finishing machines	31.12.2005	—	
CEN	EN 1010-5:2005 Safety of machinery — Safety requirements for the design and construction of printing and paper converting machines — Part 5: Machines for the production of corrugated board and machines for the conversion of flat and corrugated board	31.12.2005	—	
CEN	EN 1012-1:1996 Compressors and vacuum pumps — Safety requirements — Part 1: Compressors	15.10.1996	—	
CEN	EN 1012-2:1996 Compressors and vacuum pumps — Safety requirements — Part 2: Vacuum pumps	15.10.1996	—	
CEN	EN 1028-1:2002 + A1:2008 Fire-fighting pumps — Fire-fighting centrifugal pumps with primer — Part 1: Classification — General and safety requirements	28.1.2009	EN 1028-1:2002	28.12.2009
CEN	EN 1028-2:2002 + A1:2008 Fire-fighting pumps — Fire-fighting centrifugal pumps with primer — Part 2: Verification of general and safety requirements	22.8.2008	EN 1028-2:2002	28.12.2009
CEN	EN 1032:2003 + A1:2008 Mechanical vibration — Testing of mobile machinery in order to determine the vibration emission value	This is the first publication	EN 1032:2003	28.12.2009
CEN	EN 1034-1:2000 Safety of machinery — Safety requirements for the design and construction of paper making and finishing machines — Part 1: Common requirements	31.12.2005	—	
CEN	EN 1034-2:2005 Safety of machinery — Safety requirements for the design and construction of paper making and finishing machines — Part 2: Barking drums	2.8.2006	—	

ESO ⁽¹⁾	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 1034-3:1999 Safety of machinery — Safety requirements for the design and construction of paper making and finishing machines — Part 3: Winders and slitters, plying machines	20.5.2000	—	
CEN	EN 1034-4:2005 Safety of machinery — Safety requirements for the design and construction of paper making and finishing machines — Part 4: Pulpers and their loading facilities	2.8.2006	—	
CEN	EN 1034-5:2005 Safety of machinery — Safety requirements for the design and construction of paper making and finishing machines — Part 5: Sheeters	2.8.2006	—	
CEN	EN 1034-6:2005 Safety of machinery — Safety requirements for the design and construction of paper making and finishing machines — Part 6: Calander	2.8.2006	—	
CEN	EN 1034-7:2005 Safety of machinery — Safety requirements for the design and construction of paper making and finishing machines — Part 7: Chests	31.12.2005	—	
CEN	EN 1034-13:2005 Safety of machinery — Safety requirements for the design and construction of paper making and finishing machines — Part 13: Machines for de-wiring bales and units	2.8.2006	—	
CEN	EN 1034-14:2005 Safety of machinery — Safety requirements for the design and construction of paper making and finishing machines — Part 14: Reel splitter	2.8.2006	—	
CEN	EN 1034-22:2005 Safety of machinery — Safety requirements for the design and construction of paper making and finishing machines — Part 22: Wood Grinders	31.12.2005	—	
CEN	EN 1035:1998 Tannery machines — Moving platen machinery — Safety requirements	31.12.2005	—	
CEN	EN 1037:1995 + A1:2008 Safety of machinery — Prevention of unexpected start-up	22.8.2008	EN 1037:1995	28.12.2009
CEN	EN 1088:1995 + A2:2008 Safety of machinery — Interlocking devices associated with guards — Principles for design and selection	28.1.2009	EN 1088:1995	28.12.2009
CEN	EN 1093-1:2008 Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 1: Selection of test methods	This is the first publication	EN 1093-1:1998	28.12.2009

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 1093-2:2006 + 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	22.8.2008	EN 1093-2:2006	28.12.2009
CEN	EN 1093-3:2006 + 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	22.8.2008	EN 1093-3:2006	28.12.2009
CEN	EN 1093-4:1996 + A1:2008 Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 4: Capture efficiency of an exhaust system — Tracer method	22.8.2008	EN 1093-4:1996	28.12.2009
CEN	EN 1093-6:1998 + A1:2008 Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 6: Separation efficiency by mass, unducted outlet	28.1.2009	EN 1093-6:1998	28.12.2009
CEN	EN 1093-7:1998 + A1:2008 Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 7: Separation efficiency by mass, ducted outlet	28.1.2009	EN 1093-7:1998	28.12.2009
CEN	EN 1093-8:1998 + A1:2008 Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 8: Pollutant concentration parameter, test bench method	28.1.2009	EN 1093-8:1998	28.12.2009
CEN	EN 1093-9:1998 + A1:2008 Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 9: Pollutant concentration parameter, room method	28.1.2009	EN 1093-9:1998	28.12.2009
CEN	EN 1093-11:2001 + A1:2008 Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 11: Decontamination index	28.1.2009	EN 1093-11:2001	28.12.2009
CEN	EN 1114-1:1996 Rubber and plastics machines — Extruders and extrusion lines — Part 1: Safety requirements for extruders	8.5.1997	—	
CEN	EN 1114-2:1998 + A1:2008 Plastics and rubber machines — Extruders and extrusion lines — Part 2: Safety requirements for die face pelletisers	28.1.2009	EN 1114-2:1998	28.12.2009
CEN	EN 1114-3:2001 Rubber and plastics machines — Extruders and extrusion lines — Part 3: Safety requirements for haul-offs	27.11.2001	—	
CEN	EN 1127-1:2007 Explosive atmospheres — Explosion prevention and protection — Part 1: Basic concepts and methodology	24.6.2008	EN 1127-1:1997	28.12.2009
CEN	EN 1127-2:2002 + A1:2008 Explosive atmospheres — Explosion prevention and protection — Part 2: Basic concepts and methodology for mining	22.8.2008	EN 1127-2:2002	28.12.2009

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 1175-1:1998 Safety of industrial trucks — Electrical requirements — Part 1: General requirements for battery powered trucks	15.10.1998	—	
CEN	EN 1175-2:1998 Safety of industrial trucks — Electrical requirements — Part 2: General requirements of internal combustion engine powered trucks	13.6.1998	—	
CEN	EN 1175-3:1998 Safety of industrial trucks — Electrical requirements — Part 3: Specific requirements for the electric power transmission systems of internal combustion engine powered trucks	15.10.1998	—	
CEN	EN 1218-1:1999 Safety of woodworking machines — Tenoning machines — Part 1: Single end tenoning machines with sliding table	10.3.2001	—	
CEN	EN 1218-2:2004 Safety of woodworking machines — Tenoning machines — Part 2: Double end tenoning and/or profiling machines fed by chain or chains EN 1218-2:2004/AC:2006	31.12.2005	—	
CEN	EN 1218-3:2001 Safety of woodworking machines — Tenoning machines — Part 3: Hand fed tenoning machines with sliding table for cutting structural timbers	14.6.2002	—	
CEN	EN 1218-4:2004 Safety of woodworking machines — Tenoning machines — Part 4: Edge banding machines fed by chain(s) EN 1218-4:2004/A1:2005 EN 1218-4:2004/AC:2006	31.12.2005 2.8.2006	— Note 3	Date expired (2.8.2006)
CEN	EN 1218-5:2004 Safety of woodworking machines — Tenoning machines — Part 5: One side profiling machines with fixed table and feed rollers or fed by chain EN 1218-5:2004/AC:2006	31.12.2005	—	
CEN	EN 1247:2004 Foundry machinery — Safety requirements for ladles, pouring equipment, centrifugal casting machines, continuous and semi continuous casting machines	31.12.2005	—	
CEN	EN 1248:2001 Foundry Machinery — Safety requirements for abrasive blasting equipment	14.6.2002	—	
CEN	EN 1265:1999 + A1:2008 Safety of machinery — Noise test code for foundry machines and equipment	This is the first publication	EN 1265:1999	28.12.2009

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 1299:1997 + A1:2008 Mechanical vibration and shock — Vibration isolation of machines — Information for the application of source isolation	This is the first publication	EN 1299:1997	28.12.2009
CEN	EN 1374:2000 Agricultural machinery — Silos stationary unloaders for round silos — Safety EN 1374:2000/AC:2004	10.3.2001	—	
CEN	EN 1398:1997 Dock levellers EN 1398:1997/AC:1998	13.3.1998	—	
CEN	EN 1417:1996 + A1:2008 Plastics and rubber machines — Two roll mills — Safety requirements	28.1.2009	EN 1417:1996	28.12.2009
CEN	EN 1459:1998 Safety of industrial trucks — Self-propelled variable reach trucks	30.5.2000	—	

Warning: Users of the standard EN 1459 are informed that the standard does not cover the risks to which the operator is exposed in the event of the truck accidentally tipping over. The standard does not give a presumption of conformity in that respect.

	EN 1459:1998/A1:2006 EN 1459:1998/AC:2006	8.5.2007	Note 3	Date expired (8.5.2007)
CEN	EN 1492-1:2000 + A1:2008 Textile slings — Safety — Part 1: Flat woven webbing slings made of man-made fibres for general purpose use	This is the first publication	EN 1492-1:2000	28.12.2009
CEN	EN 1492-2:2000 + A1:2008 Textile slings — Safety — Part 2: Roundslings made of man-made fibres for general purpose use	This is the first publication	EN 1492-2:2000	28.12.2009
CEN	EN 1492-4:2004 + A1:2008 Textile slings — Safety — Part 4: Lifting slings for general service made from natural and man-made fibre ropes	This is the first publication	EN 1492-4:2004	28.12.2009
CEN	EN 1493:1998 + A1:2008 Vehicle lifts	This is the first publication	EN 1493:1998	28.12.2009
CEN	EN 1494:2000 + A1:2008 Mobile or movable jacks and associated lifting equipment	This is the first publication	EN 1494:2000	28.12.2009
CEN	EN 1495:1997 Lifting platforms — Mast climbing work platforms	13.3.1998	—	

Warning: This publication does not concern paragraph 5.3.2.4, the last subparagraph of 7.1.2.12, table 8 and figure 9 of standard EN 1495:1997, in respect of which it grants no presumption of conformity to the provisions of Directive 98/37/EC.

	EN 1495:1997/AC:1997			
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ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 1501-1:1998 Refuse collection vehicles and their associated lifting devices — General requirements and safety requirements — Part 1: Rear-end loaded refuse collection vehicles EN 1501-1:1998/A1:2004	15.10.1998 2.8.2006	— Note 3	Date expired (2.8.2006)
CEN	EN 1501-2:2005 Refuse collection vehicles and associated lifting devices — General requirements and safety requirements — Part 2: Side loaded refuse collection vehicles	31.12.2005	—	
CEN	EN 1501-3:2008 Refuse collection vehicles and their associated lifting devices — General requirements and safety requirements — Part 3: Front loaded refuse collection vehicles	24.6.2008	—	
CEN	EN 1501-4:2007 Refuse collection vehicles and their associated lifting devices — General requirements and safety requirements — Part 4: Noise test code for refuse collection vehicles	24.6.2008	—	
CEN	EN 1525:1997 Safety of industrial trucks — Driverless trucks and their systems	13.3.1998	—	
CEN	EN 1526:1997 + A1:2008 Safety of industrial trucks — Additional requirements for automated functions on trucks	28.1.2009	EN 1526:1997	28.12.2009
CEN	EN 1539:2000 Dryers and ovens, in which flammable substances are released — Safety requirements	27.11.2001	—	
CEN	EN 1547:2001 Industrial thermoprocessing equipment — Noise test code for industrial thermoprocessing equipment including its ancillary handling equipment	14.6.2002	—	
CEN	EN 1550:1997 + A1:2008 Machine-tools safety — Safety requirements for the design and construction of work holding chucks	28.1.2009	EN 1550:1997	28.12.2009
CEN	EN 1551:2000 Safety of industrial trucks — Self propelled trucks over 10 000 kg capacity	14.6.2002	—	
CEN	EN 1552:2003 Underground mining machines — Mobile extracting machines at the face — Safety requirements for shearer loaders and plough systems	20.4.2004	—	
CEN	EN 1553:1999 Agricultural machinery — Agricultural self-propelled, mounted, semi-mounted and trailed machines — Common safety requirements	15.4.2000	—	
CEN	EN 1570:1998 Safety requirements for lifting tables EN 1570:1998/A1:2004	15.10.1998 31.12.2005	— Note 3	Date expired (31.12.2005)

ESO (*)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 1612-1:1997 + A1:2008 Plastics and rubber machines — Reaction moulding machines — Part 1: Safety requirements for metering and mixing units	28.1.2009	EN 1612-1:1997	28.12.2009
CEN	EN 1612-2:2000 + A1:2008 Plastics and rubber machines — Reaction moulding machines — Part 2: Safety requirements for reaction moulding plant	28.1.2009	EN 1612-2:2000	28.12.2009
CEN	EN 1672-2:2005 Food processing machinery — Basic concepts — Part 2: Hygiene require- ments	31.12.2005	EN 1672-2:1997	Date expired (31.12.2005)
CEN	EN 1673:2000 Food processing machinery — Rotary rack ovens — Safety and hygiene requirements	27.11.2001	—	
CEN	EN 1674:2000 Food processing machinery — Dough and pastry brakes — Safety and hygiene requirements	27.11.2001	—	
CEN	EN 1677-1:2000 + A1:2008 Components for slings — Safety — Part 1: Forged steel components, Grade 8	This is the first publication	EN 1677-1:2000	28.12.2009
CEN	EN 1677-2:2000 + A1:2008 Components for slings — Safety — Part 2: Forged steel lifting hooks with latch, Grade 8	22.8.2008	EN 1677-2:2000	28.12.2009
CEN	EN 1677-3:2001 + A1:2008 Components for slings — Safety — Part 3: Forged steel self-locking hooks — Grade 8	22.8.2008	EN 1677-3:2001	28.12.2009
CEN	EN 1677-4:2000 + A1:2008 Components for slings — Safety — Part 4: Links, Grade 8	This is the first publication	EN 1677-4:2000	28.12.2009
CEN	EN 1677-5:2001 + A1:2008 Components for slings — Safety — Part 5: Forged steel lifting hooks with latch — Grade 4	This is the first publication	EN 1677-5:2001	28.12.2009
CEN	EN 1677-6:2001 + A1:2008 Components for slings — Safety — Part 6: Links — Grade 4	This is the first publication	EN 1677-6:2001	28.12.2009
CEN	EN 1678:1998 Food processing machinery — Vegetable cutting machines — Safety and hygiene requirements	15.10.1998	—	
CEN	EN 1679-1:1998 Reciprocating internal combustion engines — Safety — Part 1: Compre- sion ignition engines	13.6.1998	—	
CEN	EN 1710:2005 + A1:2008 Equipment and components intended for use in potentially explosive atmospheres in underground mines	22.8.2008	EN 1710:2005	28.12.2009

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 1726-1:1998 Safety of industrial trucks — Self-propelled trucks up to and including 10 000 kg capacity and industrial tractors with a drawbar pull up to and including 20 000 N — Part 1: General requirements	30.5.2000	—	

Warning: Users of the standard EN 1726-1 are informed that the standard does not cover the risks to which the operator is exposed in the event of the truck accidentally tipping over. The standard does not give a presumption of conformity in that respect.

	EN 1726-1:1998/A1:2003	2.8.2006	Note 3	Date expired (2.8.2006)
CEN	EN 1726-2:2000 Safety of Industrial Trucks — Self-propelled trucks up to and including 10 000 kg capacity and tractors with a drawbar pull up to and including 20 000 N — Part 2: Additional requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads	27.11.2001	—	
CEN	EN 1755:2000 Safety of industrial trucks — Operation in potentially explosive atmospheres — Use in flammable gas, vapour, mist and dust	10.3.2001	—	
CEN	EN 1756-1:2001 + A1:2008 Tail lifts — Platform lifts for mounting on wheeled vehicles — Safety requirements — Part 1: Tail lifts for goods	22.8.2008	EN 1756-1:2001	28.12.2009
CEN	EN 1756-2:2004 Tail lifts — Platform lifts for mounting on wheeled vehicles — Safety requirements — Part 2: Tail lifts for passengers	31.12.2005	—	
CEN	EN 1757-1:2001 Safety of industrial trucks — Pedestrian propelled trucks — Part 1: Stacker trucks	14.6.2002	—	
CEN	EN 1757-2:2001 Safety of industrial trucks — Pedestrian propelled trucks — Part 2: Pallet trucks	14.6.2002	—	
CEN	EN 1757-4:2003 Safety of industrial trucks — Pedestrian propelled trucks — Part 4: Scissor lift pallet-trucks	31.12.2005	—	
CEN	EN 1760-1:1997 Safety of machinery — Pressure sensitive protective devices — Part 1: General principles for the design and testing of pressure sensitive mats and pressure sensitive floors	13.3.1998	—	
CEN	EN 1760-2:2001 Safety of machinery — Pressure sensitive protective devices — Part 2: General principles for the design and testing of pressure sensitive edges and pressure sensitive bars	27.11.2001	—	
CEN	EN 1760-3:2004 Safety of machinery — Pressure sensitive protective devices — Part 3: General principles for the design and testing of pressure sensitive bumpers, plates, wires and similar devices EN 1760-3:2004/AC:2006	31.12.2005	—	

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 1777:2004 Hydraulic platforms (HPs) for fire fighting and rescue services — Safety requirements and testing	31.12.2005	—	
CEN	EN 1804-1:2001 Machines for underground mines — Safety requirements for hydraulic powered roof supports — Part 1: Support units and general requirements	24.6.2003	—	
CEN	EN 1804-2:2001 Machines for underground mines — Safety requirements for hydraulic powered roof supports — Part 2: Power set legs and rams	24.6.2003	—	
CEN	EN 1804-3:2006 Machines for underground mines — Safety requirements for hydraulic powered roof supports — Part 3: Hydraulic control systems	8.5.2007	—	
CEN	EN 1807:1999 Safety of woodworking machines — Band sawing machines	27.11.2001	—	
CEN	EN 1808:1999 Safety requirements on Suspended Access Equipment — Design calculations, stability criteria, construction — Tests	5.11.1999	—	
CEN	EN 1829-2:2008 High-pressure water jet machines — Safety requirements — Part 2: Hoses, hose lines and connectors	22.8.2008	—	
CEN	EN 1834-1:2000 Reciprocating internal combustion engines — Safety requirements for design and construction of engines for use in potentially explosive atmospheres — Part 1: Group II engines for use in flammable gas and vapour atmospheres	31.12.2005	—	
CEN	EN 1834-2:2000 Reciprocating internal combustion engines — Safety requirements for design and construction of engines for use in potentially explosive atmospheres — Part 2: Group I engines for use in underground workings susceptible to firedamp and/or combustible dust	10.3.2001	—	
CEN	EN 1834-3:2000 Reciprocating internal combustion engines — Safety requirements for design and construction of engines for use in potentially explosive atmospheres — Part 3: Group II engines for use in flammable dust atmospheres	31.12.2005	—	
CEN	EN 1837:1999 Safety of machinery — Integral lighting of machines	11.6.1999	—	
CEN	EN 1845:2007 Footwear manufacturing machines — Footwear moulding machines — Safety requirements	24.6.2008	EN 1845:1998	28.12.2009

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 1846-2:2001 Firefighting and rescue service vehicles — Part 2: Common requirements — Safety and performance EN 1846-2:2001/A1:2004 EN 1846-2:2001/A2:2006 EN 1846-2:2001/A1:2004/AC:2007 EN 1846-2:2001/AC:2007	14.6.2002 31.12.2005 8.5.2007	— Note 3 Note 3	 Date expired (31.12.2005) Date expired (8.5.2007)
CEN	EN 1846-3:2002 + A1:2008 Firefighting and rescue service vehicles — Part 3: Permanently installed equipment — Safety and performance	28.1.2009	EN 1846-3:2002	28.12.2009
CEN	EN 1853:1999 Agricultural machinery — Trailers with tipping body — Safety	5.11.1999	—	
CEN	EN 1870-1:2007 Safety of woodworking machines — Circular sawing machines — Part 1: Circular saw benches (with and without sliding table), dimension saws and building site saws	6.11.2007	EN 1870-1:1999	Date expired (31.10.2008)
CEN	EN 1870-3:2001 Safety of woodworking machines — Circular sawing machines — Part 3: Down cutting cross-cut saws and dual purpose down cutting cross-cut saws/circular saw benches	14.6.2002	—	
CEN	EN 1870-4:2001 Safety of woodworking machines — Circular sawing machines — Part 4: Multiblade rip sawing machines with manual loading and/or unloading	14.6.2002	—	
CEN	EN 1870-5:2002 Safety of woodworking machines — Circular sawing machines — Part 5: Circular sawbenches/up-cutting cross-cut sawing machines	24.6.2003	—	
CEN	EN 1870-6:2002 Safety of woodworking machines — Circular sawing machines — Part 6: Circular sawing machines for firewood and dual purpose circular sawing machines for firewood/circular saw benches, with manual loading and/or unloading	24.6.2003	—	
CEN	EN 1870-7:2002 Safety of woodworking machines — Circular sawing machines — Part 7: Single blade log sawing machines with integrated feed table and manual loading and/or unloading	14.6.2002	—	
CEN	EN 1870-8:2001 Safety of woodworking machines — Circular sawing machines — Part 8: Single blade edging circular rip sawing machines with power driven saw unit and manual loading and/or unloading	14.6.2002	—	
CEN	EN 1870-9:2000 Safety of woodworking machines — Circular sawing machines — Part 9: Double blade circular sawing machines for cross-cutting with integrated feed and with manual loading and/or unloading	27.11.2001	—	

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 1870-10:2003 Safety of woodworking machines — Circular sawing machines — Part 10: Single blade automatic and semi-automatic up-cutting cross-cut sawing machines EN 1870-10:2003/AC:2006	31.12.2005	—	
CEN	EN 1870-11:2003 Safety of woodworking machines — Circular sawing machines — Part 11: Semi-automatic and automatic horizontal cross-cut sawing machines with one saw unit (radial arm saws) EN 1870-11:2003/AC:2006	31.12.2005	—	
CEN	EN 1870-12:2003 Safety of woodworking machines — Circular sawing machines — Part 12: Pendulum cross-cut sawing machines EN 1870-12:2003/AC:2006	31.12.2005	—	
CEN	EN 1870-13:2007 Safety of woodworking machines — Circular sawing machines — Part 13: Horizontal beam panel sawing machines	24.6.2008	EN 1870-2:1999	30.6.2009
CEN	EN 1870-14:2007 Safety of woodworking machines — Circular sawing machines — Part 14: Vertical panel sawing machines	24.6.2008	EN 1870-2:1999	Date expired (30.6.2008)
CEN	EN 1870-15:2004 Safety of woodworking machines — Circular sawing machines — Part 15: Multiblade cross-cut sawing machines with integrated feed of the work- piece and manual loading and/or unloading	31.12.2005	—	
CEN	EN 1870-16:2005 Safety of woodworking machines — Circular sawing machines — Part 16: Double mitre sawing machines for V-cutting	31.12.2005	—	
CEN	EN 1889-1:2003 Machines for underground mines — Mobile machines working under- ground — Safety — Part 1: Rubber tyred vehicles	20.4.2004	—	
CEN	EN 1889-2:2003 Machines for underground mines — Mobile machines working under- ground — Safety — Part 2: Rail locomotives	20.4.2004	—	
CEN	EN 1915-1:2001 Aircraft ground support equipment — General requirements — Part 1: Basic safety requirements	14.6.2002	—	
CEN	EN 1915-2:2001 Aircraft ground support equipment — General requirements — Part 2: Stability and strength requirements, calculations and test methods	14.6.2002	—	
CEN	EN 1915-3:2004 Aircraft ground support equipment — General requirements — Part 3: Vibration measurement methods and reduction	31.12.2005	—	
CEN	EN 1915-4:2004 Aircraft ground support equipment — General requirements — Part 4: Noise measurement methods and reduction	31.12.2005	—	

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication (O)	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 1953:1998 Atomising and spraying equipment for coating materials — Safety requirements	14.11.1998	—	
CEN	EN 1974:1998 Food processing machinery — Slicing machines — Safety and hygiene requirements	15.10.1998	—	
CEN	EN ISO 2151:2008 Acoustics — Noise test code for compressors and vacuum pumps — Engineering method (Grade 2) (ISO 2151:2004)	28.1.2009	EN ISO 2151:2004	28.12.2009
CEN	EN ISO 2860:2008 Earth-moving machinery — Minimum access dimensions (ISO 2860:1992)	28.1.2009	EN ISO 2860:1999	28.12.2009
CEN	EN ISO 2867:2008 Earth-moving machinery — Access systems (ISO 2867:2006, including Cor 1:2008)	28.1.2009	EN ISO 2867:2006	28.12.2009
CEN	EN ISO 3164:2008 Earth-moving machinery — Laboratory evaluations of protective structures — Specifications for deflection-limiting volume (ISO 3164:1995)	28.1.2009	EN ISO 3164:1999	28.12.2009
CEN	EN ISO 3411:2007 Earth-moving machinery — Physical dimensions of operators and minimum operator space envelope (ISO 3411:2007)	24.6.2008	EN ISO 3411:1999	31.7.2010
CEN	EN ISO 3449:2008 Earth-moving machinery — Falling-object protective structures — Laboratory tests and performance requirements (ISO 3449:2005)	28.1.2009	EN ISO 3449:2005	28.12.2009
CEN	EN ISO 3450:2008 Earth-moving machinery — Braking systems of rubber-tyred machines — Systems and performance requirements and test procedures (ISO 3450:1996)	28.1.2009	EN ISO 3450:1996	28.12.2009
CEN	EN ISO 3457:2008 Earth-moving machinery — Guards — Definitions and requirements (ISO 3457:2003)	28.1.2009	EN ISO 3457:2003	28.12.2009
CEN	EN ISO 3471:2008 Earth-moving machinery — Roll-over protective structures — Laboratory tests and performance requirements (ISO 3471:2008)	28.1.2009	EN 13510:2000	28.2.2009
CEN	EN ISO 3741:1999 Acoustics — Determination of sound power levels of noise sources using sound pressure — Precision methods for reverberation rooms (ISO 3741:1999) EN ISO 3741:1999/AC:2002	24.6.2003	EN 23741:1991	Date expired (24.6.2003)
CEN	EN ISO 3743-1:1995 Acoustics — Determination of sound power levels of noise sources — Engineering methods for small, movable sources in reverberant fields — Part 1: Comparison method for hard-walled test rooms (ISO 3743-1:1994)	8.8.1996	—	

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN ISO 3743-2:1996 Acoustics — Determination of sound power levels of noise sources using sound pressure — Engineering methods for small, movable sources in reverberant fields — Part 2: Methods for special reverberation test rooms (ISO 3743-2:1994)	28.11.1996	—	
CEN	EN ISO 3744:1995 Acoustics — Determination of sound power levels of noise sources using sound pressure — Engineering method in an essentially free field over a reflecting plane (ISO 3744:1994)	14.2.1996	—	
CEN	EN ISO 3745:2003 Acoustics — Determination of sound power levels of noise sources using sound pressure — Precision methods for anechoic and semi-anechoic rooms (ISO 3745:2003) EN ISO 3745:2003/AC:2006	2.8.2006	—	
CEN	EN ISO 3746:1995 Acoustics — Determination of sound power levels of noise sources using sound pressure — Survey method using an enveloping measurement surface over a reflecting plane (ISO 3746:1995) EN ISO 3746:1995/AC:1996	14.2.1996	—	
CEN	EN ISO 3747:2000 Acoustics — Determination of sound power levels of noise sources using sound pressure — Comparison method for use in situ (ISO 3747:2000)	14.8.2003	—	
CEN	EN ISO 4871:1996 Acoustics — Declaration and verification of noise emission values of machinery and equipment (ISO 4871:1996)	8.5.1997	—	
CEN	EN ISO 5136:2003 Acoustics — Determination of sound power radiated into a duct by fans and other air-moving devices — In-duct method (ISO 5136:2003)	20.4.2004	EN 25136:1993	Date expired (20.4.2004)
CEN	EN ISO 5674:2006 Tractors and machinery for agriculture and forestry — Guards for power take-off (PTO) drive-shafts — Strength and wear tests and acceptance criteria (ISO 5674:2004, corrected version 1.7.2005)	8.5.2007	EN 1152:1994	Date expired (8.5.2007)
CEN	EN ISO 6682:2008 Earth-moving machinery — Zones of comfort and reach for controls (ISO 6682:1986 + A1:1989)	28.1.2009	EN ISO 6682:1995	28.12.2009
CEN	EN ISO 6683:2008 Earth-moving machinery — Seat belts and seat belt anchorages — Performance requirements and tests (ISO 6683:2005)	28.1.2009	EN ISO 6683:2005	28.12.2009
CEN	EN ISO 7096:2008 Earth-moving machinery — Laboratory evaluation of operator seat vibration (ISO 7096:2000)	28.1.2009	EN ISO 7096:2000	28.12.2009
CEN	EN ISO 7235:2003 Acoustics — Laboratory measurement procedures for ducted silencers and air-terminal units — Insertion loss, flow noise and total pressure loss (ISO 7235:2003)	20.4.2004	EN ISO 7235:1995	Date expired (20.4.2004)

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN ISO 7250:1997 Basic human body measurements for technological design (ISO 7250:1996)	13.3.1998	—	
CEN	EN ISO 7731:2008 Ergonomics — Danger signals for public and work areas — Auditory danger signals (ISO 7731:2003)	28.1.2009	EN ISO 7731:2005	28.12.2009
CEN	EN ISO 8230-1:2008 Safety requirements for dry-cleaning machines — Part 1: Common safety requirements (ISO 8230-1:2008)	This is the first publication	EN ISO 8230:1997	28.12.2009
CEN	EN ISO 8230-2:2008 Safety requirements for dry-cleaning machines — Part 2: Machines using perchloroethylene (ISO 8230-2:2008)	This is the first publication	EN ISO 8230:1997	28.12.2009
CEN	EN ISO 8230-3:2008 Safety requirements for dry-cleaning machines — Part 3: Machines using combustible solvents (ISO 8230-3:2008)	This is the first publication	EN ISO 8230:1997	28.12.2009
CEN	EN ISO 8662-4:1995 Hand-held portable power tools — Measurement of vibrations at the handle — Part 4: Grinders (ISO 8662-4:1994)	8.8.1996	—	
CEN	EN ISO 8662-6:1995 Hand-held portable power tools — Measurement of vibrations at the handle — Part 6: Impact drills (ISO 8662-6:1994)	14.2.1996	—	
CEN	EN ISO 8662-7:1997 Hand-held portable power tools — Measurement of vibrations at the handle — Part 7: Wrenches, screwdrivers and nut runners with impact, impulse or ratchet action (ISO 8662-7:1997)	13.3.1998	—	
CEN	EN ISO 8662-8:1997 Hand-held portable power tools — Measurement of vibrations at the handle — Part 8: Polishers and rotary, orbital and random orbital sanders (ISO 8662-8:1997)	13.3.1998	—	
CEN	EN ISO 8662-9:1996 Hand-held portable power tools — Measurement of vibrations at the handle — Part 9: Rammers (ISO 8662-9:1996)	8.5.1997	—	
CEN	EN ISO 8662-10:1998 Hand-held portable power tools — Measurement of vibrations at the handle — Part 10: Nibblers and shears (ISO 8662-10:1998) EN ISO 8662-10:1998/AC:2002	24.6.2003	—	
CEN	EN ISO 8662-12:1997 Hand-held portable power tools — Measurement of vibrations at the handle — Part 12: Saws and files with reciprocating action and saws with oscillating or rotating action (ISO 8662-12:1997)	13.3.1998	—	

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN ISO 8662-13:1997 Hand-held portable power tools — Measurement of vibrations at the handle — Part 13: Die grinders (ISO 8662-13:1997) EN ISO 8662-13:1997/AC:1998	13.3.1998	—	
CEN	EN ISO 8662-14:1996 Hand-held portable power tools — Measurement of vibrations at the handle — Part 14: Stone-working tools and needle scalars (ISO 8662-14:1996)	8.5.1997	—	
CEN	EN ISO 9614-1:1995 Acoustics — Determination of sound power levels of noise sources using sound intensity — Part 1: Measurements at discrete points (ISO 9614-1:1993)	8.8.1996	—	
CEN	EN ISO 9614-3:2002 Acoustics — Determination of sound power levels of noise sources using sound intensity — Part 3: Precision method for measurement by scanning (ISO 9614-3:2002)	14.8.2003	—	
CEN	EN ISO 9902-1:2001 Textile machinery — Noise test code — Part 1: Common requirements (ISO 9902-1:2001)	27.11.2001	—	
CEN	EN ISO 9902-2:2001 Textile machinery — Noise test code — Part 2: Spinning preparatory and spinning machinery (ISO 9902-2:2001)	27.11.2001	—	
CEN	EN ISO 9902-3:2001 Textile machinery — Noise test code — Part 3: Nonwoven machinery (ISO 9902-3:2001)	27.11.2001	—	
CEN	EN ISO 9902-4:2001 Textile machinery — Noise test code — Part 4: Yarn processing, cordage and rope manufacturing machinery (ISO 9902-4:2001)	27.11.2001	—	
CEN	EN ISO 9902-5:2001 Textile machinery — Noise test code — Part 5: Weaving and knitting preparatory machinery (ISO 9902-5:2001)	27.11.2001	—	
CEN	EN ISO 9902-6:2001 Textile machinery — Noise test code — Part 6: Fabric manufacturing machinery (ISO 9902-6:2001)	27.11.2001	—	
CEN	EN ISO 9902-7:2001 Textile machinery — Noise test code — Part 7: Dyeing and finishing machinery (ISO 9902-7:2001)	27.11.2001	—	
CEN	EN ISO 10218-1:2008 Robots for industrial environments — Safety requirements — Part 1: Robot (ISO 10218-1:2006, including Cor 1:2007)	This is the first publication	EN ISO 10218-1:2006	28.12.2009
CEN	EN ISO 10472-1:2008 Safety requirements for industrial laundry machinery — Part 1: Common requirements (ISO 10472-1:1997)	This is the first publication	EN ISO 10472-1:1997	28.12.2009

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN ISO 10472-2:2008 Safety requirements for industrial laundry machinery — Part 2: Washing machines and washer-extractors (ISO 10472-2:1997)	This is the first publication	EN ISO 10472-2:1997	28.12.2009
CEN	EN ISO 10472-3:2008 Safety requirements for industrial laundry machinery — Part 3: Washing tunnel lines including component machines (ISO 10472-3:1997)	This is the first publication	EN ISO 10472-3:1997	28.12.2009
CEN	EN ISO 10472-4:2008 Safety requirements for industrial laundry machinery — Part 4: Air dryers (ISO 10472-4:1997)	This is the first publication	EN ISO 10472-4:1997	28.12.2009
CEN	EN ISO 10472-5:2008 Safety requirements for industrial laundry machinery — Part 5: Flatwork ironers, feeders and folders (ISO 10472-5:1997)	This is the first publication	EN ISO 10472-5:1997	28.12.2009
CEN	EN ISO 10472-6:2008 Safety requirements for industrial laundry machinery — Part 6: Ironing and fusing presses (ISO 10472-6:1997)	This is the first publication	EN ISO 10472-6:1997	28.12.2009
CEN	EN ISO 10821:2005 Industrial sewing machines — Safety requirements for sewing machines, units and systems (ISO 10821:2005)	31.12.2005	—	
CEN	EN ISO 11102-1:1997 Reciprocating internal combustion engines — Handle starting equipment — Part 1: Safety requirements and tests (ISO 11102-1:1997)	13.3.1998	—	
CEN	EN ISO 11102-2:1997 Reciprocating internal combustion engines — Handle starting equipment — Part 2: Method of testing the angle of disengagement (ISO 11102-2:1997)	13.3.1998	—	
CEN	EN ISO 11111-1:2005 Textile machinery — Safety requirements — Part 1: Common requirements (ISO 11111-1:2005)	31.12.2005	EN ISO 11111:1995	Date expired (31.12.2005)
CEN	EN ISO 11111-2:2005 Textile machinery — Safety requirements — Part 2: Spinning preparatory and spinning machines (ISO 11111-2:2005)	31.12.2005	EN ISO 11111:1995	Date expired (31.12.2005)
CEN	EN ISO 11111-3:2005 Textile machinery — Safety requirements — Part 3: Nonwoven machinery (ISO 11111-3:2005)	31.12.2005	EN ISO 11111:1995	Date expired (31.12.2005)
CEN	EN ISO 11111-4:2005 Textile machinery — Safety requirements — Part 4: Yarn processing, cordage and rope manufacturing machinery (ISO 11111-4:2005)	31.12.2005	EN ISO 11111:1995	Date expired (31.12.2005)
CEN	EN ISO 11111-5:2005 Textile machinery — Safety requirements — Part 5: Preparatory machinery to weaving and knitting (ISO 11111-5:2005)	31.12.2005	EN ISO 11111:1995	Date expired (31.12.2005)
CEN	EN ISO 11111-6:2005 Textile machinery — Safety requirements — Part 6: Fabric manufacturing machinery (ISO 11111-6:2005)	31.12.2005	EN ISO 11111:1995	Date expired (31.12.2005)

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN ISO 11111-7:2005 Textile machinery — Safety requirements — Part 7: Dyeing and finishing machinery (ISO 11111-7:2005)	31.12.2005	EN ISO 11111:1995	Date expired (31.12.2005)
CEN	EN ISO 11145:2008 Optics and photonics — Lasers and laser-related equipment — Vocabulary and symbols (ISO 11145:2006)	28.1.2009	EN ISO 11145:2006	28.12.2009
CEN	EN ISO 11200:1995 Acoustics — Noise emitted by machinery and equipment — Guidelines for the use of basic standards for the determination of emission sound pressure levels at a work station and other specified positions (ISO 11200:1995) EN ISO 11200:1995/AC:1997	15.10.1996	—	
CEN	EN ISO 11201:1995 Acoustics — Noise emitted by machinery and equipment — Measurement of emission sound pressure levels at a work station and at other specified positions — Engineering method in an essentially free field over a reflecting plane (ISO 11201:1995) EN ISO 11201:1995/AC:1997	15.10.1996	—	
CEN	EN ISO 11202:1995 Acoustics — Noise emitted by machinery and equipment — Measurement of emission sound pressure levels at a work station and at other specified positions — Survey method in situ (ISO 11202:1995) EN ISO 11202:1995/AC:1997	15.10.1996	—	
CEN	EN ISO 11203:1995 Acoustics — Noise emitted by machinery and equipment — Determination of emission sound pressure levels at a work station and at other specified positions from the sound power level (ISO 11203:1995)	15.10.1996	—	
CEN	EN ISO 11204:1995 Acoustics — Noise emitted by machinery and equipment — Measurement of emission sound pressure levels at a work station and at other specified positions — Method requiring environmental corrections (ISO 11204:1995) EN ISO 11204:1995/AC:1997	15.10.1996	—	
CEN	EN ISO 11205:2003 Acoustics — Noise emitted by machinery and equipment — Engineering method for the determination of emission sound pressure levels in situ at the work station and at other specified positions using sound intensity (ISO 11205:2003) EN ISO 11205:2003/AC:2006	2.8.2006	—	
CEN	EN ISO 11252:2008 Lasers and laser-related equipment — Laser device — Minimum requirements for documentation (ISO 11252:2004)	28.1.2009	EN ISO 11252:2004	28.12.2009
CEN	EN ISO 11546-1:1995 Acoustics — Determination of sound insulation performances of enclosures — Part 1: Measurements under laboratory conditions (for declaration purposes) (ISO 11546-1:1995)	15.10.1996	—	

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN ISO 11546-2:1995 Acoustics — Determination of sound insulation performances of enclosures — Part 2: Measurements in situ (for acceptance and verification purposes) (ISO 11546-2:1995)	15.10.1996	—	
CEN	EN ISO 11553-1:2008 Safety of machinery — Laser processing machines — Part 1: General safety requirements (ISO 11553-1:2005)	This is the first publication	EN ISO 11553-1:2005	28.12.2009
CEN	EN ISO 11553-2:2008 Safety of machinery — Laser processing machines — Part 2: Safety requirements for hand-held laser processing devices (ISO 11553-2:2007)	This is the first publication	EN ISO 11553-2:2007	28.12.2009
CEN	EN ISO 11554:2008 Optics and photonics — Lasers and laser-related equipment — Test methods for laser beam power, energy and temporal characteristics (ISO 11554:2006)	28.1.2009	EN ISO 11554:2006	28.12.2009
CEN	EN ISO 11680-1:2008 Machinery for forestry — Safety requirements and testing for pole-mounted powered pruners — Part 1: Units fitted with an integral combustion engine (ISO 11680-1:2000)	This is the first publication	EN ISO 11680-1:2000	28.12.2009
CEN	EN ISO 11680-2:2008 Machinery for forestry — Safety requirements and testing for pole-mounted powered pruners — Part 2: Units for use with a back-pack power source (ISO 11680-2:2000)	This is the first publication	EN ISO 11680-2:2000	28.12.2009
CEN	EN ISO 11681-1:2004 Machinery for forestry — Portable chain-saw safety requirements and testing — Part 1: Chain-saws for forest service (ISO 11681-1:2004)	31.12.2005	EN 608:1994	Date expired (31.12.2005)
	EN ISO 11681-1:2004/A1:2007	6.11.2007	Note 3	Date expired (6.11.2007)
CEN	EN ISO 11681-2:2008 Machinery for forestry — Portable chain-saw safety requirements and testing — Part 2: Chain-saws for tree service (ISO 11681-2:2006)	This is the first publication	EN ISO 11681-2:2006	28.12.2009
CEN	EN ISO 11688-1:1998 Acoustics — Recommended practice for the design of low-noise machinery and equipment — Part 1: Planning (ISO/TR 11688-1:1995)	15.10.1998	—	
	EN ISO 11688-1:1998/AC:1998			
CEN	EN ISO 11691:1995 Acoustics — Measurement of insertion loss of ducted silencers without flow — Laboratory survey method (ISO 11691:1995)	14.2.1996	—	
CEN	EN ISO 11806:2008 Agricultural and forestry machinery — Portable hand-held combustion engine driven brush cutters and grass trimmers — Safety (ISO 11806:1997)	This is the first publication	EN ISO 11806:1997	28.12.2009

ESO (*)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN ISO 11957:1996 Acoustics — Determination of sound insulation performance of cabins — Laboratory and in situ measurements (ISO 11957:1996)	8.5.1997	—	
CEN	EN 12001:2003 Conveying, spraying and placing machines for concrete and mortar — Safety requirements	31.12.2005	—	
CEN	EN ISO 12001:1996 Acoustics — Noise emitted by machinery and equipment — Rules for the drafting and presentation of a noise test code (ISO 12001:1996) EN ISO 12001:1996/AC:1997	8.5.1997	—	
CEN	EN 12012-1:2007 + A1:2008 Plastics and rubber machines — Size reduction machines — Part 1: Safety requirements for blade granulators	28.1.2009	EN 12012-1:2007	28.12.2009
CEN	EN 12012-2:2001 + A2:2008 Plastics and rubber machines — Size reduction machines — Part 2: Safety requirements for strand pelletisers	28.1.2009	EN 12012-2:2001	28.12.2009
CEN	EN 12012-3:2001 + A1:2008 Plastics and rubber machines — Size reduction machines — Part 3: Safety requirements for shredders	28.1.2009	EN 12012-3:2001	28.12.2009
CEN	EN 12012-4:2006 + A1:2008 Plastics and rubber machines — Size reduction machines — Part 4: Safety requirements for agglomerators	28.1.2009	EN 12012-4:2006	28.12.2009
CEN	EN 12013:2000 + A1:2008 Plastics and rubber machines — Internal mixers — Safety requirements	28.1.2009	EN 12013:2000	28.12.2009
CEN	EN 12016:2004 + A1:2008 Electromagnetic compatibility — Product family standard for lifts, escala- tors and moving walks — Immunity	28.1.2009	EN 12016:2004	28.12.2009
CEN	EN 12041:2000 Food processing machinery — Moulders — Safety and hygiene require- ments	10.3.2001	—	
CEN	EN 12042:2005 Food processing machinery — Automatic dividers — Safety and hygiene requirements	2.8.2006	—	
CEN	EN 12043:2000 Food processing machinery — Intermediate provers — Safety and hygiene requirements	27.11.2001	—	
CEN	EN 12044:2005 Footwear, leather and imitation leather goods manufacturing machines — Cutting and punching machines — Safety requirements EN 12044:2005/AC:2006	31.12.2005	—	
CEN	EN 12053:2001 + A1:2008 Safety of industrial trucks — Test methods for measuring noise emissions	28.1.2009	EN 12053:2001	28.12.2009

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 12077-2:1998 + A1:2008 Cranes safety — Requirements for health and safety — Part 2: Limiting and indicating devices	22.8.2008	EN 12077-2:1998	28.12.2009
CEN	EN ISO 12100-1:2003 Safety of machinery — Basic concepts, general principles for design — Part 1: Basic terminology, methodology (ISO 12100-1:2003)	31.12.2005	EN 292-1:1991	Date expired (31.12.2005)
CEN	EN ISO 12100-2:2003 Safety of machinery — Basic concepts, general principles for design — Part 2: Technical principles (ISO 12100-2:2003)	31.12.2005	EN 292-2:1991	Date expired (31.12.2005)
CEN	EN 12110:2002 + A1:2008 Tunnelling machines — Air locks — Safety requirements	28.1.2009	EN 12110:2002	28.12.2009
CEN	EN 12111:2002 Tunnelling machines — Road headers, continuous miners and impact rippers — Safety requirements	14.8.2003	—	
CEN	EN 12151:2007 Machinery and plants for the preparation of concrete and mortar — Safety requirements	24.6.2008	—	
CEN	EN 12158-1:2000 Builders hoists for goods — Part 1: Hoists with accessible platforms	14.6.2002	—	
CEN	EN 12158-2:2000 Builders hoists for goods — Part 2: Inclined hoists with non-accessible load carrying devices	27.11.2001	—	
CEN	EN 12162:2001 Liquid pumps — Safety requirements — Procedure for hydrostatic testing	14.6.2002	—	
CEN	EN 12198-1:2000 + A1:2008 Safety of machinery — Assessment and reduction of risks arising from radiation emitted by machinery — Part 1: General principles	28.1.2009	EN 12198-1:2000	28.12.2009
CEN	EN 12198-2:2002 + A1:2008 Safety of machinery — Assessment and reduction of risks arising from radiation emitted by machinery — Part 2: Radiation emission measure- ment procedure	28.1.2009	EN 12198-2:2002	28.12.2009
CEN	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	28.1.2009	EN 12198-3:2002	28.12.2009
CEN	EN 12203:2003 Footwear, leather and imitation leather goods manufacturing machines — Shoe and leather presses — Safety requirements EN 12203:2003/AC:2006	31.12.2005	—	
CEN	EN 12254:1998 + A2:2008 Screens for laser working places — Safety requirements and testing	22.8.2008	EN 12254:1998	28.12.2009

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 12267:2003 Food processing machinery — Circular saw machines — Safety and hygiene requirements	20.4.2004	—	
CEN	EN 12268:2003 Food processing machinery — Band saw machines — Safety and hygiene requirements	20.4.2004	—	
CEN	EN 12301:2000 + A1:2008 Plastics and rubber machines — Calenders — Safety requirements	28.1.2009	EN 12301:2000	28.12.2009
CEN	EN 12312-1:2001 Aircraft ground support equipment — Specific requirements — Part 1: Passenger stairs	14.6.2002	—	
CEN	EN 12312-2:2002 Aircraft ground support equipment — Specific requirements — Part 2: Catering vehicles	14.8.2003	—	
CEN	EN 12312-3:2003 Aircraft ground support equipment — Specific requirements — Part 3: Conveyor belt vehicles	20.4.2004	—	
CEN	EN 12312-4:2003 Aircraft ground support equipment — Specific requirements — Part 4: Passenger boarding bridges	20.4.2004	—	
CEN	EN 12312-5:2005 Aircraft ground support equipment — Specific requirements — Part 5: Aircraft fuelling equipment	31.12.2005	—	
CEN	EN 12312-6:2004 Aircraft ground support equipment — Specific requirements — Part 6: Deicers and deicing/antiicing equipment	31.12.2005	—	
CEN	EN 12312-7:2005 Aircraft ground support equipment — Specific requirements — Part 7: Air-craft movement equipment	31.12.2005	—	
CEN	EN 12312-8:2005 Aircraft ground support equipment — Specific requirements — Part 8: Maintenance stairs and platforms	31.12.2005	—	
CEN	EN 12312-10:2005 Aircraft ground support equipment — Specific requirements — Part 10: Container/Pallet transfer transporters	31.12.2005	—	
CEN	EN 12312-12:2002 Aircraft ground support equipment — Specific requirements — Part 12: Potable water service equipment	14.8.2003	—	
CEN	EN 12312-13:2002 Aircraft ground support equipment — Specific requirements — Part 13: Lavatory service equipment	14.8.2003	—	
CEN	EN 12312-14:2006 Aircraft ground support equipment — Specific requirements — Part 14: Disabled/incapacitated passenger boarding vehicles	8.5.2007	—	

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 12312-15:2006 Aircraft ground support equipment — Specific requirements — Part 15: Baggage and equipment tractors	2.8.2006	—	
CEN	EN 12312-16:2005 Aircraft ground support equipment — Specific requirements — Part 16: Air start equipment	31.12.2005	—	
CEN	EN 12312-17:2004 Aircraft ground support equipment — Specific requirements — Part 17: Air conditioning equipment	31.12.2005	—	
CEN	EN 12312-18:2005 Aircraft ground support equipment — Specific requirements — Part 18: Nitrogen or Oxygen units	31.12.2005	—	
CEN	EN 12312-19:2005 Aircraft ground support equipment — Specific requirements — Part 19: Aircraft jacks, axle jacks and hydraulic tail stanchions	31.12.2005	—	
CEN	EN 12312-20:2005 Aircraft ground support equipment — Specific requirements — Part 20: Electrical ground power units	31.12.2005	—	
CEN	EN 12321:2003 Underground mining machinery — Specification for the safety require- ments of armoured face conveyors	20.4.2004	—	
CEN	EN 12331:2003 Food processing machinery — Mincing machines — Safety and hygiene requirements	31.12.2005	—	
	EN 12331:2003/A1:2005	31.12.2005	Note 3	Date expired (31.1.2006)
CEN	EN 12336:2005 + A1:2008 Tunnelling machines — Shield machines, thrust boring machines, auger boring machines, lining erection equipment — Safety requirements	This is the first publication	EN 12336:2005	28.12.2009
CEN	EN 12348:2000 Core drilling machines on stand — Safety	10.3.2001	—	
CEN	EN 12355:2003 Food processing machinery — Derinding-, skinning and membrane removal machines — Safety and hygiene requirements	14.8.2003	—	
CEN	EN 12385-1:2002 + A1:2008 Steel wire ropes — Safety — Part 1: General requirements	This is the first publication	—	
CEN	EN 12385-2:2002 + A1:2008 Steel wire ropes — Safety — Part 2: Definitions, designation and classifi- cation	22.8.2008	EN 12385-2:2002	28.12.2009
CEN	EN 12385-3:2004 + A1:2008 Steel wire ropes — Safety — Part 3: Information for use and mainte- nance	22.8.2008	EN 12385-3:2004	28.12.2009

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CEN	EN 12385-4:2002 + A1:2008 Steel wire ropes — Safety — Part 4: Stranded ropes for general lifting applications	22.8.2008	EN 12385-4:2002	28.12.2009
CEN	EN 12385-10:2003 + A1:2008 Steel wire ropes — Safety — Part 10: Spiral ropes for general structural applications	22.8.2008	EN 12385-10:2003	28.12.2009
CEN	EN 12387:2005 Footwear, leather and imitation leather goods manufacturing machines — Modular shoe repair equipment — Safety requirements	31.12.2005	—	
CEN	EN 12409:2008 Plastics and rubber machines — Thermoforming machines — Safety requirements	This is the first publication	EN 12409:1999	30.4.2009
CEN	EN 12415:2000 Safety of machine tools — Small numerically controlled turning machines and turning centres	27.11.2001	—	Date expired (14.8.2003)
	EN 12415:2000/A1:2002	14.8.2003	Note 3	
CEN	EN 12417:2001 Machine tools — Safety — Machining centres	14.6.2002	—	Date expired (30.9.2006)
	EN 12417:2001/A1:2006	2.8.2006	Note 3	
CEN	EN 12418:2000 Masonry and stone cutting-off machines for job site — Safety	27.11.2001	—	
CEN	EN 12463:2004 Food processing machinery — Filling machines and auxiliary machines — Safety and hygiene requirements	31.12.2005	—	
CEN	EN 12478:2000 Safety of machine tools — Large numerically controlled turning machines and turning centres	27.11.2001	—	
	EN 12478:2000/AC:2001			
CEN	EN 12505:2000 Food processing machinery — Centrifugal machines for processing edible oils and fats — Safety and hygiene requirements	27.11.2001	—	
CEN	EN 12525:2000 Agricultural machinery — Front loaders — Safety	20.5.2000	—	Date expired (8.5.2007)
	EN 12525:2000/A1:2006	8.5.2007	Note 3	
CEN	EN 12545:2000 Footwear, leather and imitation leather goods manufacturing machines — Noise test code — Common requirements	10.3.2001	—	
CEN	EN 12547:1999 Centrifuges — Common safety requirements	11.6.1999	—	

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 12549:1999 + A1:2008 Acoustics — Noise test code for fastener driving tools — Engineering method	28.1.2009	EN 12549:1999	28.12.2009
CEN	EN 12581:2005 Coating plants — Machinery for dip coating and electrodeposition of organic liquid coating material — Safety requirements	2.8.2006	—	
CEN	EN 12601:2001 Reciprocating internal combustion engine driven generating sets — Safety	14.8.2003	—	
CEN	EN 12621:2006 Machinery for the supply and circulation of coating materials under pressure — Safety requirements	2.8.2006	—	
CEN	EN 12622:2001 Safety of machine tools — Hydraulic press brakes	14.6.2002	—	
CEN	EN 12629-1:2000 Machines for the manufacture of constructional products from concrete and calcium-silicate — Safety — Part 1: Common requirements	27.11.2001	—	
CEN	EN 12629-2:2002 Machines for the manufacture of constructional products from concrete and calcium-silicate — Safety — Part 2: Block making machines	20.4.2004	—	
CEN	EN 12629-3:2002 Machines for the manufacture of constructional products from concrete and calcium-silicate — Safety — Part 3: Slide and turntable machines	20.4.2004	—	
CEN	EN 12629-4:2001 Machines for the manufacture of constructional products from concrete and calcium-silicate — Safety — Part 4: Concrete roof tile making machines	27.11.2001	—	
CEN	EN 12629-5-1:2003 Machines for the manufacture of constructional products from concrete and calcium-silicate — Safety — Part 5-1: Pipe making machines manufacturing in the vertical axis	31.12.2005	—	
CEN	EN 12629-5-2:2003 Machines for the manufacture of constructional products from concrete and calcium-silicate — Safety — Part 5-2: Pipe making machines manufacturing in the horizontal axis	31.12.2005	—	
CEN	EN 12629-5-3:2003 Machines for the manufacture of constructional products from concrete and calcium-silicate — Safety — Part 5-3: Pipe prestressing machines	31.12.2005	—	
CEN	EN 12629-5-4:2003 Machines for the manufacture of constructional products from concrete and calcium-silicate — Safety — Part 5-4: Concrete pipe coating machines	31.12.2005	—	

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 12629-6:2004 Machines for the manufacture of constructional products from concrete and calcium-silicate — Safety — Part 6: Stationary and mobile equipment for the manufacture of precast reinforced products	31.12.2005	—	
CEN	EN 12629-7:2004 Machines for the manufacture of constructional products from concrete and calcium-silicate — Safety — Part 7: Stationary and mobile equipment for long line manufacture of prestressed products	31.12.2005	—	
CEN	EN 12629-8:2002 Machines for the manufacture of constructional products from concrete and calcium-silicate — Safety — Part 8: Machines and equipment for the manufacture of constructional products from calcium-silicate (and concrete)	20.4.2004	—	
CEN	EN 12635:2002 + A1:2008 Industrial, commercial and garage doors and gates — Installation and use	This is the first publication	—	
CEN	EN 12639:2000 Liquid pumps and pump units — Noise test code — Grade 2 and Grade 3 of accuracy EN 12639:2000/AC:2000	10.3.2001	—	
CEN	EN 12643:1997 + A1:2008 Earth-moving machinery — Rubber-tyred machines — Steering requirements (ISO 5010:1992 modified)	28.1.2009	EN 12643:1997	28.12.2009
CEN	EN 12644-1:2001 + A1:2008 Cranes — Information for use and testing — Part 1: Instructions	28.1.2009	EN 12644-1:2001	28.12.2009
CEN	EN 12644-2:2000 + A1:2008 Cranes — Information for use and testing — Part 2: Marking	28.1.2009	EN 12644-2:2000	28.12.2009
CEN	EN 12649:2008 Concrete compactors and smoothing machines — Safety	22.8.2008	—	
CEN	EN 12653:1999 Footwear, leather and imitation leather manufacturing machines — Nailing machines — Safety requirements EN 12653:1999/A1:2004	27.11.2001 31.12.2005	— Note 3	Date expired (31.12.2005)
CEN	EN 12693:2008 Refrigerating systems and heat pumps — Safety and environmental requirements — Positive displacement refrigerant compressors	22.8.2008	—	
CEN	EN 12717:2001 Safety of machine tools — Drilling machines	14.6.2002	—	
CEN	EN 12733:2001 Agricultural and forestry machinery — Pedestrian controlled motor mowers — Safety	14.6.2002	—	

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication (OJ)	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 12750:2001 Safety of woodworking machines — Four-sided moulding machines	14.6.2002	—	
CEN	EN 12753:2005 Thermal cleaning systems for exhaust gas from surface treatment equipment — Safety requirements	31.12.2005	—	
CEN	EN 12757-1:2005 Mixing machinery for coating materials — Safety requirements — Part 1: Mixing machinery for use in vehicle refinishing	2.8.2006	—	
CEN	EN 12779:2004 Safety of woodworking machines — Chip and dust extraction systems with fixed installation — Safety related performances and safety requirements	31.12.2005	—	
CEN	EN 12840:2001 Safety of machine tools — Manually controlled turning machines with or without automatic control	14.6.2002	—	
CEN	EN 12851:2005 Food processing machinery — Catering attachments for machines having an auxiliary drive hub — Safety and hygiene requirements	2.8.2006	—	
CEN	EN 12852:2001 Food processing machinery — Food processors and blenders — Safety and hygiene requirements	14.6.2002	—	
CEN	EN 12853:2001 Food processing machinery — Hand-held blenders and whisks — Safety and hygiene requirements	14.6.2002	—	
CEN	EN 12854:2003 Food processing machinery — Beam mixers — Safety and hygiene requirements	20.4.2004	—	
CEN	EN 12855:2003 Food processing machinery — Rotating bowl cutters — Safety and hygiene requirements	31.12.2005	—	
CEN	EN 12881-1:2005 + A1:2008 Conveyor belts — Fire simulation flammability testing — Part 1: Propane burner tests	22.8.2008	EN 12881-1:2005	28.12.2009
CEN	EN 12881-2:2005 + A1:2008 Conveyor belts — Fire simulation flammability testing — Part 2: Large scale fire test	22.8.2008	EN 12881-2:2005	28.12.2009
CEN	EN 12882:2008 Conveyor belts for general purpose use — Electrical and flammability safety requirements	This is the first publication	EN 12882:2001	28.12.2009
CEN	EN 12921-1:2005 Machines for surface cleaning and pre-treatment of industrial items using liquids or vapours — Part 1: Common safety requirements	31.12.2005	—	

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 12921-2:2005 + A1:2008 Machines for surface cleaning and pre-treatment of industrial items using liquids or vapours — Part 2: Safety of machines using water based cleaning liquids	This is the first publication	EN 12921-2:2005	28.12.2009
CEN	EN 12921-3:2005 + A1:2008 Machines for surface cleaning and pre-treatment of industrial items using liquids or vapours — Part 3: Safety of machines using flammable cleaning liquids	This is the first publication	EN 12921-3:2005	28.12.2009
CEN	EN 12921-4:2005 + A1:2008 Machines for surface cleaning and pretreatment of industrial items using liquids and vapours — Part 4: Safety of machines using halogenated solvents	This is the first publication	EN 12921-4:2005	28.12.2009
CEN	EN 12957:2001 Machine tools — Safety — Electro Discharge Machines	14.6.2002	—	
CEN	EN 12965:2003 Tractors and machinery for agriculture and forestry — Power take-off (PTO) drive shafts and their guards — Safety	20.4.2004	—	
	EN 12965:2003/A1:2004	31.12.2005	Note 3	Date expired (31.12.2005)
CEN	EN 12978:2003 Industrial, commercial and garage doors and gates — Safety devices for power operated doors and gates — Requirements and test methods	20.4.2004	—	
CEN	EN 12981:2005 Coating plants — Spray booths for application of organic powder coating material — Safety requirements	31.12.2005	—	
CEN	EN 12984:2005 Food processing machinery — Portable and/or hand-guided machines and appliances with mechanically driven cutting tools — Safety and hygiene requirements	2.8.2006	—	
CEN	EN 12999:2002 Cranes — Loader cranes	14.8.2003	—	
	EN 12999:2002/A1:2004	31.12.2005	Note 3	Date expired (31.12.2005)
	EN 12999:2002/A2:2006	8.5.2007	Note 3	Date expired (8.5.2007)
CEN	EN 13000:2004 Cranes — Mobile cranes	8.5.2007	—	

Warning: This publication does not concern clauses 4.2.6.3.1, 4.2.6.3.2 and 4.2.6.3.3 of this standard, the application of which does not confer a presumption of conformity to the essential health and safety requirement 4.2.1.4 of Annex I to Directive 98/37/EC in conjunction with requirements 1.1.2(c), 1.2.5, 1.3.1, 4.1.2.1 and 4.1.2.3 of that Annex.

ESO ⁽¹⁾	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 13001-1:2004 Cranes — General design — Part 1: General principles and requirements EN 13001-1:2004/AC:2006 EN 13001-1:2004/AC:2008	31.12.2005	—	
CEN	EN 13001-2:2004 Cranes — General design — Part 2: Load actions EN 13001-2:2004/A1:2006 EN 13001-2:2004/AC:2006	31.12.2005 8.5.2007	— Note 3	Date expired (8.5.2007)
CEN	EN 13015:2001 + A1:2008 Maintenance for lifts and escalators — Rules for maintenance instructions	28.1.2009	EN 13015:2001	28.12.2009
CEN	EN 13019:2001 + A1:2008 Machines for road surface cleaning — Safety requirements	This is the first publication	EN 13019:2001	28.12.2009
CEN	EN 13020:2004 Road surface treatment machines — Safety requirements	31.12.2005	—	
CEN	EN 13021:2003 + A1:2008 Winter service machines — Safety requirements	This is the first publication	EN 13021:2003	28.12.2009
CEN	EN 13023:2003 Noise measurement methods for printing, paper converting, paper making machines and auxiliary equipment — Accuracy grades 2 and 3	20.4.2004	—	
CEN	EN 13035-1:2008 Machines and plants for the manufacture, treatment and processing of flat glass — Safety requirements — Part 1: Storage, handling and trans- portation equipment inside the factory	24.6.2008	—	
CEN	EN 13035-2:2008 Machines and plants for the manufacture, treatment and processing of flat glass — Safety requirements — Part 2: Storage, handling and trans- portation equipment outside the factory	24.6.2008	—	
CEN	EN 13035-3:2003 Machines and plants for the manufacture, treatment and processing of flat glass — Safety requirements — Part 3: Cutting machines	20.4.2004	—	
CEN	EN 13035-4:2003 Machines and plants for the manufacture, treatment and processing of flat glass — Safety requirements — Part 4: Tilting tables	20.4.2004	—	
CEN	EN 13035-5:2006 Machines and plants for the manufacture, treatment and processing of flat glass — Safety requirements — Part 5: Machines and installations for stacking and de-stacking	8.5.2007	—	

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 13035-6:2006 Machines and plants for the manufacture, treatment and processing of flat glass — Safety requirements — Part 6: Machines for break-out	8.5.2007	—	
CEN	EN 13035-7:2006 Machines and plants for the manufacture, treatment and processing of flat glass — Safety requirements — Part 7: Cutting machines for laminated glass	8.5.2007	—	
CEN	EN 13035-9:2006 Machines and plants for the manufacture, treatment and processing of flat glass — Safety requirements — Part 9: Washing installations	8.5.2007	—	
CEN	EN 13035-11:2006 Machines and plants for the manufacture, treatment and processing of flat glass — Safety requirements — Part 11: Drilling machines	8.5.2007	—	
CEN	EN 13042-1:2007 Machines and plants for the manufacture, treatment and processing of hollow glass — Safety requirements — Part 1: Gob feeder	24.6.2008	—	
CEN	EN 13042-2:2004 Machines and plants for the manufacture, treatment and processing of hollow glass — Safety requirements — Part 2: Handling machines for feeding	31.12.2005	—	
CEN	EN 13042-3:2007 Machines and plants for the manufacture, treatment and processing of hollow glass — Safety requirements — Part 3: IS Machines	6.11.2007	—	
CEN	EN 13042-5:2003 Machines and plants for the manufacture, treatment and processing of hollow glass — Safety requirements — Part 5: Presses	20.4.2004	—	
CEN	EN 13059:2002 + A1:2008 Safety of industrial trucks — Test methods for measuring vibration	28.1.2009	EN 13059:2002	28.12.2009
CEN	EN 13102:2005 + A1:2008 Ceramic machines — Safety — Loading and unloading of fine clay tiles	This is the first publication	EN 13102:2005	28.12.2009
CEN	EN 13112:2002 Tannery machines — Splitting and bandknife shearing machines — Safety requirements	24.6.2003	—	
CEN	EN 13113:2002 Tannery machines — Roller coating machines — Safety requirements	24.6.2003	—	
CEN	EN 13114:2002 Tannery machines — Rotating process vessels — Safety requirements	24.6.2003	—	
CEN	EN 13118:2000 Agricultural machinery — Potato harvesting equipment — Safety	27.11.2001	—	

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 13120:2004 Internal blinds — Performance requirements including safety	31.12.2005	—	
CEN	EN 13128:2001 Safety of machine tools — Milling machines (including boring machines) EN 13128:2001/A1:2006	14.6.2002 2.8.2006	— Note 3	Date expired (30.9.2006)
CEN	EN 13135-1:2003 Cranes — Safety — Design — Requirements for equipment — Part 1: Electrotechnical equipment EN 13135-1:2003/AC:2006	31.12.2005	—	
CEN	EN 13135-2:2004 Cranes — Equipment — Part 2: Non-electrotechnical equipment EN 13135-2:2004/AC:2005	31.12.2005	—	
CEN	EN 13140:2000 Agricultural machinery — Sugar beet and fodder beet harvesting equip- ment — Safety	27.11.2001	—	
CEN	EN 13155:2003 Cranes — Safety — Non-fixed load lifting attachments EN 13155:2003/A1:2005	20.4.2004 31.12.2005	— Note 3	Date expired (28.2.2006)
CEN	EN 13157:2004 Cranes — Safety — Hand powered lifting equipment EN 13157:2004/AC:2008	31.12.2005	—	
CEN	EN 13218:2002 + A1:2008 Machine tools — Safety — Stationary grinding machines EN 13218:2002 + A1:2008/AC:2008	28.1.2009	EN 13218:2002	28.12.2009
CEN	EN 13241-1:2003 Industrial, commercial and garage doors and gates — Product standard — Part 1: Products without fire resistance or smoke control characteris- tics	20.4.2004	—	
CEN	EN 13288:2005 Food processing machinery — Bowl lifting and tilting machines — Safety and hygiene requirements	2.8.2006	—	
CEN	EN 13289:2001 Pasta processing plants — Dryers and coolers — Safety and hygiene requirements	14.6.2002	—	

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 13355:2004 Coating plants — Combined booths — Safety requirements	31.12.2005	—	
CEN	EN 13367:2005 + A1:2008 Ceramic machines — Safety — Transfer platforms and cars	This is the first publication	EN 13367:2005	28.12.2009
CEN	EN 13378:2001 Pasta processing plants — Pasta presses — Safety and hygiene require- ments	14.6.2002	—	
CEN	EN 13379:2001 Pasta processing plants — Spreader, stripping and cutting machine, stick return conveyor, stick magazine — Safety and hygiene requirements	14.6.2002	—	
CEN	EN 13389:2005 Food processing machinery — Mixers with horizontal shafts — Safety and hygiene requirements	2.8.2006	—	
CEN	EN 13390:2002 Food processing machinery — Pie and tart machines — Safety and hygiene requirements	14.6.2002	—	
CEN	EN 13411-1:2002 + A1:2008 Terminations for steel wire ropes — Safety — Part 1: Thimbles for steel wire rope slings	This is the first publication	EN 13411-1:2002	28.12.2009
CEN	EN 13411-2:2001 + A1:2008 Terminations for steel wire ropes — Safety — Part 2: Splicing of eyes for wire rope slings	This is the first publication	EN 13411-2:2001	28.12.2009
CEN	EN 13411-3:2004 + A1:2008 Terminations for steel wire ropes — Safety — Part 3: Ferrules and ferrule-securing	This is the first publication	EN 13411-3:2004	28.12.2009
CEN	EN 13411-4:2002 + A1:2008 Terminations for steel wire ropes — Safety — Part 4: Metal and resin socketing	This is the first publication	EN 13411-4:2002	28.12.2009
CEN	EN 13411-5:2003 + A1:2008 Terminations for steel wire ropes — Safety — Part 5: U-bolt wire rope grips	This is the first publication	EN 13411-5:2003	28.12.2009
CEN	EN 13411-6:2004 + A1:2008 Terminations for steel wire ropes — Safety — Part 6: Asymmetric wedge socket	This is the first publication	EN 13411-6:2004	28.12.2009
CEN	EN 13411-7:2006 + A1:2008 Terminations for steel wire ropes — Safety — Part 7: Symmetric wedge socket	This is the first publication	EN 13411-7:2006	28.12.2009
CEN	EN 13414-1:2003 + A2:2008 Steel wire rope slings — Safety — Part 1: Slings for general lifting service	This is the first publication	EN 13414-1:2003	28.12.2009
CEN	EN 13414-2:2003 + A2:2008 Steel wire rope slings — Safety — Part 2: Specification for information for use and maintenance to be provided by the manufacturer	This is the first publication	EN 13414-2:2003	28.12.2009

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 13414-3:2003 + A1:2008 Steel wire rope slings — Safety — Part 3: Grommets and cable-laid slings	This is the first publication	EN 13414-3:2003	28.12.2009
CEN	EN 13418:2004 + A1:2008 Plastics and rubber machines — Winding machines for film or sheet — Safety requirements	This is the first publication	EN 13418:2004	28.12.2009
CEN	EN 13448:2001 Agricultural and forestry machinery — Inter-row mowing units — Safety	14.6.2002	—	
CEN	EN 13457:2004 Footwear, leather and imitation leather goods manufacturing machines — Splitting, skiving, cutting, cementing and cement drying machines — Safety requirements	31.12.2005	—	
CEN	EN 13478:2001 + A1:2008 Safety of machinery — Fire prevention and protection	22.8.2008	EN 13478:2001	28.12.2009
CEN	EN 13490:2001 + A1:2008 Mechanical vibration — Industrial trucks — Laboratory evaluation and specification of operator seat vibration	This is the first publication	EN 13490:2001	28.12.2009
CEN	EN 13524:2003 Highway maintenance machines — Safety requirements	20.4.2004	—	
CEN	EN 13525:2005 + A1:2007 Forestry machinery — Wood chippers — Safety	6.11.2007	EN 13525:2005	Date expired (30.11.2007)
CEN	EN 13531:2001 + A1:2008 Earth-moving machinery — Tip-over protection structure (TOPS) for compact excavators — Laboratory tests and performance requirements (ISO 12117:1997 modified)	This is the first publication	EN 13531:2001	28.12.2009
CEN	EN 13534:2006 Food processing machinery — Curing injection machines — Safety and hygiene requirements	2.8.2006	—	
CEN	EN 13557:2003 + A2:2008 Cranes — Controls and control stations	22.8.2008	EN 13557:2003	28.12.2009
CEN	EN 13561:2004 + A1:2008 External blinds — Performance requirements including safety	This is the first publication	EN 13561:2004	28.12.2009
CEN	EN 13570:2005 Food processing machinery — Mixing machines — Safety and hygiene requirements	31.12.2005	—	
CEN	EN 13586:2004 + A1:2008 Cranes — Access	22.8.2008	EN 13586:2004	28.12.2009
CEN	EN 13591:2005 Food processing machinery — Fixed deck oven loaders — Safety and hygiene requirements	2.8.2006	—	

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 13617-1:2004 Petrol filling stations — Part 1: Safety requirements for construction and performance of metering pumps, dispensers and remote pumping units EN 13617-1:2004/AC:2006	31.12.2005	—	
CEN	EN 13621:2004 Food processing machinery — Salad dryers — Safety and hygiene requirements	31.12.2005	—	
CEN	EN 13659:2004 + A1:2008 Shutters — Performance requirements including safety	This is the first publication	EN 13659:2004	28.12.2009
CEN	EN 13675:2004 Safety of machinery — Safety requirements for tube forming and rolling mills and their finishing line equipment	31.12.2005	—	
CEN	EN 13684:2004 Garden equipment — Pedestrian controlled lawn aerators and scarifiers — Safety	31.12.2005	—	
CEN	EN 13731:2007 Lifting bag systems for fire and rescue service use — Safety and performance requirements	24.6.2008	—	
CEN	EN 13732:2002 Food processing machinery — Bulk milk coolers on farms — Requirements for construction, performance, suitability for use, safety and hygiene EN 13732:2002/A1:2005	14.8.2003 31.12.2005	— Note 3	Date expired (28.2.2006)
CEN	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)	28.1.2009	EN ISO 13732-1:2006	28.12.2009
CEN	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)	28.1.2009	EN ISO 13732-3:2005	28.12.2009
CEN	EN 13736:2003 Safety of machine tools — Pneumatic presses EN 13736:2003/AC:2004	14.8.2003	—	
CEN	EN ISO 13753:2008 Mechanical vibration and shock — Hand-arm vibration — Method for measuring the vibration transmissibility of resilient materials when loaded by the hand-arm system (ISO 13753:1998)	28.1.2009	EN ISO 13753:1998	28.12.2009
CEN	EN 13788:2001 Machine tools — Safety — Multi-spindle automatic turning machines	24.6.2003	—	
CEN	EN ISO 13849-1:2008 Safety of machinery — Safety-related parts of control systems — Part 1: General principles for design (ISO 13849-1:2006)	22.8.2008	EN ISO 13849-1:2006 EN 954-1:1996	28.12.2009

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CEN	EN ISO 13849-2:2008 Safety of machinery — Safety-related parts of control systems — Part 2: Validation (ISO 13849-2:2003)	22.8.2008	EN ISO 13849-2:2003	28.12.2009
CEN	EN ISO 13850:2008 Safety of machinery — Emergency stop — Principles for design (ISO 13850:2006)	22.8.2008	EN ISO 13850:2006	28.12.2009
CEN	EN 13852-1:2004 Cranes — Offshore cranes — Part 1: General — Purpose offshore cranes EN 13852-1:2004/AC:2007	31.12.2005	—	
CEN	EN ISO 13857:2008 Safety of machinery — Safety distances to prevent hazard zones being reached by upper and lower limbs (ISO 13857:2008)	22.8.2008	EN 294:1992 EN 811:1996	28.12.2009
CEN	EN 13862:2001 Floor cutting-off machines — Safety	14.8.2003	EN 500-5:1995	Date expired (14.8.2003)
CEN	EN 13870:2005 Food processing machinery — Chop cutting machines — Safety and hygiene requirements	31.12.2005	—	
CEN	EN 13871:2005 Food processing machinery — Cubes cutting machinery — Safety and hygiene requirements EN 13871:2005/AC:2005	31.12.2005	—	
CEN	EN 13885:2005 Food processing machinery — Clipping machines — Safety and hygiene requirements	31.12.2005	—	
CEN	EN 13886:2005 Food processing machinery — Cooking kettles equipped with powered stirrer and/or mixer — Safety and hygiene requirements	31.12.2005	—	
CEN	EN 13889:2003 + A1:2008 Forged steel shackles for general lifting purposes — Dee shackles and bow shackles — Grade 6 — Safety	This is the first publication	EN 13889:2003	28.12.2009
CEN	EN 13898:2003 Machine tools — Safety — Sawing machines for cold metal	31.12.2005	—	
CEN	EN 13951:2003 + A1:2008 Liquid pumps — Safety requirements — Agrifoodstuffs equipment — Design rules to ensure hygiene in use	This is the first publication	EN 13951:2003	28.12.2009
CEN	EN 13954:2005 Food processing machinery — Bread slicers — Safety and hygiene requirements	2.8.2006	—	
CEN	EN 13977:2005 + A1:2007 Railway applications — Track — Safety requirements for portable machines and trolleys for construction and maintenance	22.8.2008	EN 13977:2005	Date expired (22.8.2008)

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 13985:2003 Machine tools — Safety — Guillotine shears	14.8.2003	—	
CEN	EN 14010:2003 Safety of machinery — Equipment for power driven parking of motor vehicles — Safety and EMC requirements for design, manufacturing, erection and commissioning stages	31.12.2005	—	
CEN	EN 14017:2005 + A1:2008 Agricultural and forestry machinery — Solid fertilizer distributors — Safety	This is the first publication	EN 14017:2005	28.12.2009
CEN	EN 14018:2005 Agricultural and forestry machinery — Seed drills — Safety	2.8.2006	—	
CEN	EN 14043:2005 High rise aerial appliances for fire service use — Turntable ladders with combined movements — Safety and performance requirements and test methods EN 14043:2005/AC:2006	31.12.2005	—	
CEN	EN 14044:2005 High rise aerial appliances for fire service use — Turntable ladders with sequential movements — Safety and performance requirements and test methods EN 14044:2005/AC:2007	2.8.2006	—	
CEN	EN 14070:2003 Safety of machine tools — Transfer and special purpose machines	31.12.2005	—	
CEN	EN ISO 14121-1:2007 Safety of machinery — Risk assessment — Part 1: Principles (ISO 14121-1:2007)	24.6.2008	EN 1050:1996	28.12.2009
CEN	EN ISO 14122-1:2001 Safety of machinery — Permanent means of access to machinery — Part 1: Choice of fixed means of access between two levels (ISO 14122-1:2001)	14.6.2002	—	
CEN	EN ISO 14122-2:2001 Safety of machinery — Permanent means of access to machinery — Part 2: Working platforms and walkways (ISO 14122-2:2001)	14.6.2002	—	
CEN	EN ISO 14122-3:2001 Safety of machinery — Permanent means of access to machinery — Part 3: Stairs, stepladders and guard-rails (ISO 14122-3:2001)	14.6.2002	—	
CEN	EN ISO 14159:2008 Safety of machinery — Hygiene requirements for the design of machinery (ISO 14159:2002)	22.8.2008	EN ISO 14159:2004	28.12.2009
CEN	EN 14238:2004 Cranes — Manually controlled load manipulating devices	31.12.2005	—	
CEN	EN ISO 14314:2004 Reciprocal internal combustion engines — Recoil starting equipment — General safety requirements (ISO 14314:2004)	31.12.2005	—	

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 14351-1:2006 Windows and doors — Product standard, performance characteristics — Part 1: Windows and external pedestrian doorsets without resistance to fire and/or smoke leakage characteristics	2.8.2006	—	
CEN	EN 14439:2006 Cranes — Safety — Tower cranes	8.5.2007	—	
CEN	EN 14462:2005 Surface treatment equipment — Noise test code for surface treatment equipment including its ancillary handling equipment — Accuracy grades 2 and 3	31.12.2005	—	
CEN	EN 14466:2005 + A1:2008 Fire-fighting pumps — Portable pumps — Safety and performance requirements, tests	28.1.2009	EN 14466:2005	28.12.2009
CEN	EN 14492-1:2006 Cranes — Power driven winches and hoists — Part 1: Power driven winches	8.5.2007	—	
CEN	EN 14492-2:2006 Cranes — Power driven winches and hoists — Part 2: Power driven hoists	8.5.2007	—	
CEN	EN 14502-2:2005 + A1:2008 Cranes — Equipment for the lifting of persons — Part 2: Elevating control stations	22.8.2008	EN 14502-2:2005	28.12.2009
CEN	EN 14655:2005 Food processing machinery — Baguette slicers — Safety and hygiene requirements	31.12.2005	—	
CEN	EN 14656:2006 Safety of machinery — Safety requirements for extrusion presses for steel and non-ferrous metals	8.5.2007	—	
CEN	EN 14658:2005 Continuous handling equipment and systems — General safety require- ments for continuous handling equipment for opencast lignite mining	31.12.2005	—	
CEN	EN 14673:2006 Safety of machinery — Safety requirements for hydraulically powered open die hot forging presses for the forging of steel and non-ferrous metals	8.5.2007	—	
CEN	EN 14677:2008 Safety of machinery — Secondary steelmaking — Machinery and equip- ment for treatment of liquid steel	22.8.2008	—	
CEN	EN 14681:2006 Safety of machinery — Safety requirements for machinery and equipment for production of steel by electric arc furnaces	8.5.2007	—	
CEN	EN 14710-1:2005 + A1:2008 Fire-fighting pumps — Fire-fighting centrifugal pumps without primer — Part 1: Classification, general and safety requirements	28.1.2009	EN 14710-1:2005	28.12.2009

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 14710-1:2005 + A2:2008 Fire-fighting pumps — Fire-fighting centrifugal pumps without primer — Part 1: Classification, general and safety requirements	This is the first publication	EN 14710-1:2005	28.12.2009
CEN	EN 14710-2:2005 + A1:2008 Fire-fighting pumps — Fire-fighting centrifugal pumps without primer — Part 2: Verification of general and safety requirements	22.8.2008	EN 14710-2:2005	28.12.2009
CEN	EN 14710-2:2005 + A2:2008 Fire-fighting pumps — Fire-fighting centrifugal pumps without primer — Part 2: Verification of general and safety requirements	This is the first publication	EN 14710-2:2005	28.12.2009
CEN	EN ISO 14738:2008 Safety of machinery — Anthropometric requirements for the design of workstations at machinery (ISO 14738:2002, including Cor 1:2003 and Cor 2:2005)	28.1.2009	EN ISO 14738:2002	28.12.2009
CEN	EN 14753:2007 Safety of machinery — Safety requirements for machinery and equipment for continuous casting of steel	24.6.2008	—	
CEN	EN 14861:2004 Forest machinery — Self propelled machinery — Safety requirements	31.12.2005	—	
CEN	EN 14886:2008 Plastics and rubber machines — Bandknife cutting machines for block foams — Safety requirements	24.6.2008	—	
CEN	EN 14910:2007 Garden equipment — Walk-behind combustion engine powered trimmers — Safety	24.6.2008	—	
CEN	EN 14930:2007 Agricultural and forestry machinery and gardening equipment — Pede- strian controlled and hand-held machines — Determination of accessi- bility of hot surfaces	6.11.2007	—	
CEN	EN 14957:2006 Food processing machinery — Dishwashing machines with conveyor — Safety and hygiene requirements	8.5.2007	—	
CEN	EN 14958:2006 Food processing machinery — Machinery for grinding and processing flour and semolina — Safety and hygiene requirements	8.5.2007	—	
CEN	EN 14973:2006 + A1:2008 Conveyor belts for use in underground installations — Electrical and flammability safety requirements	22.8.2008	EN 14973:2006	22.12.2009
CEN	EN ISO 14982:1998 Agricultural and forestry machines — Electromagnetic compatibility — Test methods and acceptance criteria (ISO 14982:1998)	15.10.1998	—	
CEN	EN 14985:2007 Cranes — Slewing jib cranes	6.11.2007	—	

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 15000:2008 Safety of industrial trucks — Self propelled variable reach trucks — Specification, performance and test requirements for longitudinal load moment indicators and longitudinal load moment limiters	28.1.2009	—	
CEN	EN 15027:2007 Transportable wall saw and wire saw equipment for job site — Safety	24.6.2008	—	
CEN	EN 15056:2006 Cranes — Requirements for container handling spreaders	8.5.2007	—	
CEN	EN 15061:2007 + A1:2008 Safety of machinery — Safety requirements for strip processing line machinery and equipment	This is the first publication	EN 15061:2007	28.12.2009
CEN	EN 15067:2007 Plastics and rubber machines — Film converting machines for bags and sacks — Safety requirements	24.6.2008	—	
CEN	EN 15093:2008 Safety of Machinery — Safety requirements for hot flat rolling mills	This is the first publication	—	
CEN	EN 15094:2008 Safety of Machinery — Safety requirements for cold flat rolling mills	This is the first publication	—	
CEN	EN 15095:2007 + A1:2008 Power-operated mobile racking and shelving, carousels and storage lifts — Safety requirements	This is the first publication	EN 15095:2007	28.12.2009
CEN	EN 15162:2008 Machines and plants for mining and tooling of natural stone — Safety requirements for gang saws	22.8.2008	—	
CEN	EN 15163:2008 Machines and installations for the exploitation and processing of natural stone — Safety — Requirements for diamond wire saws	22.8.2008	—	
CEN	EN 15164:2008 Machines and plants for mining and tooling of natural stone — Safety — Requirements for chain and belt-slotting machines	22.8.2008	—	
CEN	EN 15166:2008 Food processing machinery — Automatic back splitting machines of butchery carcasses — Safety and hygiene requirements	This is the first publication	—	
CEN	EN 15268:2008 Petrol filling stations — Safety requirements for the construction of submersible pump assemblies	28.1.2009	—	

ESO (*)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN ISO 15536-1:2008 Ergonomics — Computer manikins and body templates — Part 1: General requirements (ISO 15536-1:2005)	28.1.2009	EN ISO 15536-1:2005	28.12.2009
CEN	EN ISO 15744:2008 Hand-held non-electric power tools — Noise measurement code — Engi- neering method (Grade 2) (ISO 15744:2002)	28.1.2009	EN ISO 15744:2002	28.12.2009
CEN	EN ISO 19432:2008 Building construction machinery and equipment — Portable, hand-held, internal combustion engine driven cut-off machines — Safety require- ments and testing (ISO 19432:2006)	22.8.2008	EN ISO 19432:2006	28.12.2009
CEN	EN ISO 20643:2008 Mechanical vibration — Hand-held and hand-guided machinery — Princi- ples for evaluation of vibration emission (ISO 20643:2005)	22.8.2008	EN ISO 20643:2005	28.12.2009
CEN	EN ISO 22867:2008 Forestry machinery — Vibration test code for portable hand-held machines with internal combustion engine — Vibration at the handles (ISO 22867:2004, including Cor 1:2006)	This is the first publication	EN ISO 22867:2006	28.12.2009
CEN	EN ISO 22868:2008 Forestry machinery — Noise test code for portable hand-held machines with internal combustion engine — Engineering method (Grade 2 accu- racy) (ISO 22868:2005)	This is the first publication	EN ISO 22868:2006	28.12.2009
CEN	EN 28662-1:1992 Hand-held portable power tools — Measurement of vibrations at the handle — Part 1: General (ISO 8662-1:1988)	31.12.1994	—	
CEN	EN 28662-2:1994 Hand-held portable power tools — Measurement of vibrations at the handle — Part 2: Chipping hammers and riveting hammers (ISO 8662-2:1992)	14.2.1996	—	
	EN 28662-2:1994/A1:1995	14.2.1996	Note 3	Date expired (29.2.1996)
	EN 28662-2:1994/A2:2001	14.6.2002	Note 3	Date expired (14.6.2002)
CEN	EN 28662-3:1994 Hand-held portable power tools — Measurement of vibrations at the handle — Part 3: Rock drills and rotary hammers (ISO 8662-3:1992)	14.2.1996	—	
	EN 28662-3:1994/A1:1995	14.2.1996	Note 3	Date expired (29.2.1996)
	EN 28662-3:1994/A2:2001	14.6.2002	Note 3	Date expired (14.6.2002)

ESO (*)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
CEN	EN 28662-5:1994 Hand-held portable power tools — Measurement of vibrations at the handle — Part 5: Pavement breakers and hammers for construction work (ISO 8662-5:1992) EN 28662-5:1994/A1:1995 EN 28662-5:1994/A2:2001	14.2.1996 14.2.1996 20.4.2004	— Note 3 Note 3	 Date expired (29.2.1996) Date expired (20.4.2004)
CEN	EN 30326-1:1994 Mechanical vibration — Laboratory method for evaluating vehicle seat vibration — Part 1: Basic requirements (ISO 10326-1:1992) EN 30326-1:1994/A1:2007	14.2.1996 24.6.2008	— Note 3	 Date expired (24.6.2008)
Cenelec	EN 50144-1:1998 Safety of hand-held electric motor operated tools — Part 1: General requirements Note 4 EN 50144-1:1998/A1:2002 EN 50144-1:1998/A2:2003	15.4.2000 24.6.2003 20.4.2004	— Note 3 Note 3	 Date expired (31.12.2005) Date expired (31.12.2005)
Cenelec	EN 50144-2-7:2000 Safety of hand-held electric motor operated tools — Part 2-7: Particular requirements for spray guns	27.11.2001	—	
Cenelec	EN 50144-2-13:2002 Safety of hand-held electric motor operated tools — Part 2-13: Particular requirements for chain saws	14.8.2003	—	
Cenelec	EN 50144-2-16:2003 Safety of hand-held electric motor operated tools — Part 2-16: Particular requirements for tackers	20.4.2004	—	
Cenelec	EN 50260-1:2002 Safety of hand-held battery-powered motor-operated tools and battery packs — Part 1: General requirements Note 4	24.6.2003	—	
Cenelec	EN 50260-2-7:2002 Safety of hand-held battery-powered motor-operated tools and battery packs — Part 2-7: Particular requirements for spray guns	24.6.2003	—	

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
Cenelec	EN 50338:2006 Safety of household and similar electrical appliances — Particular requirements for pedestrian-controlled battery powered electrical lawn mowers	6.11.2007	EN 50338:2000 and its amendment Note 2.1	Date expired (1.10.2008)
Cenelec	EN 50416:2005 Household and similar electrical appliances — Safety — Particular requirements for commercial electric conveyor dishwashing machines	31.12.2006	—	
Cenelec	EN 60204-1:2006 Safety of machinery — Electrical equipment of machines — Part 1: General requirements (IEC 60204-1:2005 (Modified))	6.11.2007	EN 60204-1:1997 Note 2.1	1.6.2009
Cenelec	EN 60204-11:2000 Safety of machinery — Electrical equipment of machines — Part 11: Requirements for HV equipment for voltages above 1 000 V a.c. or 1 500 V d.c. and not exceeding 36 kV (IEC 60204-11:2000)	27.11.2001	—	
Cenelec	EN 60204-31:1998 Safety of machinery — Electrical equipment of machines — Part 31: Particular safety and EMC requirements for sewing machines, units and systems (IEC 60204-31:1996 (Modified))	15.4.2000	—	
Cenelec	EN 60204-32:1998 Safety of machinery — Electrical equipment of machines — Part 32: Requirements for hoisting machines (IEC 60204-32:1998)	15.4.2000	—	
Cenelec	EN 60335-1:1994 Safety of household and similar electrical appliances — Part 1: General requirements (IEC 60335-1:1991 (Modified)) Note 4	15.4.2000	—	
	EN 60335-1:1994/A11:1995	15.4.2000	Note 3	
	EN 60335-1:1994/A15:2000	10.3.2001	Note 3	
	EN 60335-1:1994/A16:2001	27.11.2001	Note 3	
	EN 60335-1:1994/A1:1996 (IEC 60335-1:1991/A1:1994 (Modified))	15.4.2000	Note 3	Date expired (15.4.2000)
	EN 60335-1:1994/A12:1996	15.4.2000	Note 3	Date expired (15.4.2000)
	EN 60335-1:1994/A13:1998	15.4.2000	Note 3	Date expired (1.12.2000)
	EN 60335-1:1994/A14:1998	15.4.2000	Note 3	Date expired (1.7.2001)
	EN 60335-1:1994/A2:2000 (IEC 60335-1:1991/A2:1999)	27.11.2001	Note 3	Date expired (1.8.2007)

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
Cenelec	EN 60335-1:2002 Household and similar electrical appliances — Safety — Part 1: General requirements (IEC 60335-1:2001 (Modified)) Note 4 EN 60335-1:2002/A11:2004 EN 60335-1:2002/A1:2004 (IEC 60335-1:2001/A1:2004) EN 60335-1:2002/A12:2006	14.8.2003 6.8.2005 31.12.2006 6.11.2007	EN 60335-1:1994 and its amendment Note 2.1 Note 3 Note 3 Note 3	 Date expired (1.10.2006) Date expired (1.10.2007) Date expired (6.11.2007)
Cenelec	EN 60335-2-64:2000 Safety of household and similar electrical appliances — Part 2-64: Particular requirements for commercial electric kitchen machines (IEC 60335-2-64:1997 (Modified)) EN 60335-2-64:2000/A1:2002 (IEC 60335-2-64:1997/A1:2000 (Modified))	20.5.2000 24.6.2003	— Note 3	 Date expired (31.12.2005)
Cenelec	EN 60335-2-72:1998 Safety of household and similar electrical appliances — Part 2-72: Particular requirements for automatic machines for floor treatment for commercial and industrial use (IEC 60335-2-72:1995 (Modified)) EN 60335-2-72:1998/A1:2000 (IEC 60335-2-72:1995/A1:2000)	15.4.2000 10.3.2001	— Note 3	 Date expired (1.9.2003)
Cenelec	EN 60335-2-77:2006 Household and similar electrical appliances — Safety — Part 2-77: Particular requirements for pedestrian controlled mains-operated lawnmowers (IEC 60335-2-77:1996 (Modified))	6.11.2007	EN 60335-2-77:2000 Note 2.1	Date expired (1.9.2008)
Cenelec	EN 60335-2-91:2003 Household and similar electrical appliances — Safety — Part 2-91: Particular requirements for walk-behind and hand-held lawn trimmers and lawn edge trimmers (IEC 60335-2-91:2002 (Modified))	6.8.2005	—	
Cenelec	EN 60335-2-92:2005 Household and similar electrical appliances — Safety — Part 2-92: Particular requirements for pedestrian-controlled mains-operated lawn scarifiers and aerators (IEC 60335-2-92:2002 (Modified))	2.8.2006	—	
Cenelec	EN 60745-1:2003 Hand-held motor-operated electric tools — Safety — Part 1: General requirements (IEC 60745-1:2001 (Modified)) Note 4 EN 60745-1:2003/A1:2003 (IEC 60745-1:2001/A1:2002)	20.4.2004 20.4.2004	EN 50144-1:1998 and its amendments Note 2.1 EN 50260-1:2002 Note 3	

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
Cenelec	EN 60745-2-1:2003 Hand-held motor-operated electric tools — Safety — Part 2-1: Particular requirements for drills and impact drills (IEC 60745-2-1:2003 (Modified)) EN 60745-2-1:2003/A11:2007	20.4.2004 6.11.2007	EN 50144-2-1:1999 + EN 50260-2-1:2002 Note 2.1 Note 3	Date expired (31.12.2005) Date expired (6.11.2007)
Cenelec	EN 60745-2-2:2003 Hand-held motor-operated electric tools — Safety — Part 2-2: Particular requirements for screwdrivers and impact wrenches (IEC 60745-2-2:2003 (Modified)) EN 60745-2-2:2003/A11:2007	20.4.2004 6.11.2007	EN 50144-2-2:1999 + EN 50260-2-2:2002 Note 2.1 Note 3	Date expired (31.12.2005) Date expired (1.12.2007)
Cenelec	EN 60745-2-3:2007 Hand-held motor-operated electric tools — Safety — Part 2-3: Particular requirements for grinders, polishers and disk-type sanders (IEC 60745-2-3:2006 (Modified))	6.11.2007	EN 50144-2-3:2002 and its amendments Note 2.1	1.12.2009
Cenelec	EN 60745-2-4:2003 Hand-held motor-operated electric tools — Safety — Part 2-4: Particular requirements for sanders and polishers other than disk type (IEC 60745-2-4:2002 (Modified)) EN 60745-2-4:2003/A11:2007	20.4.2004 6.11.2007	EN 50144-2-4:1999 + EN 50260-2-4:2002 Note 2.1 Note 3	Date expired (1.2.2006) Date expired (1.2.2008)
Cenelec	EN 60745-2-5:2003 Hand-held motor-operated electric tools — Safety — Part 2-5: Particular requirements for circular saws (IEC 60745-2-5:2003 (Modified))	20.4.2004	EN 50144-2-5:1999 + EN 50260-2-5:2002 Note 2.1	Date expired (1.4.2006)
Cenelec	EN 60745-2-6:2003 Hand-held motor-operated electric tools — Safety — Part 2-6: Particular requirements for hammers (IEC 60745-2-6:2003 (Modified)) EN 60745-2-6:2003/A11:2007 EN 60745-2-6:2003/A1:2006 (IEC 60745-2-6:2003/A1:2006)	20.4.2004 6.11.2007 6.11.2007	EN 50144-2-6:2000 and its amendment + EN 50260-2-6:2002 Note 2.1 Note 3 Note 3	Date expired (1.2.2006) Date expired (6.11.2007) 1.5.2009
Cenelec	EN 60745-2-8:2003 Hand-held motor-operated electric tools — Safety — Part 2-8: Particular requirements for shears and nibblers (IEC 60745-2-8:2003 (Modified)) EN 60745-2-8:2003/A11:2007	20.4.2004 24.6.2008	— Note 3	Date expired (24.6.2008)

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
Cenelec	EN 60745-2-9:2003 Hand-held motor-operated electric tools — Safety — Part 2-9: Particular requirements for tappers (IEC 60745-2-9:2003 (Modified)) EN 60745-2-9:2003/A11:2007	20.4.2004 24.6.2008	— Note 3	Date expired (24.6.2008)
Cenelec	EN 60745-2-11:2003 Hand-held motor-operated electric tools — Safety — Part 2-11: Particular requirements for reciprocating saws (jig and sabre saws) (IEC 60745-2-11:2003 (Modified)) EN 60745-2-11:2003/A11:2007	20.4.2004 24.6.2008	EN 50144-2-10:2001 + EN 50260-2-10:2002 Note 2.1 Note 3	Date expired (1.2.2006) Date expired (24.6.2008)
Cenelec	EN 60745-2-14:2003 Hand-held motor-operated electric tools — Safety — Part 2-14: Particular requirements for planers (IEC 60745-2-14:2003 (Modified)) EN 60745-2-14:2003/A11:2007 EN 60745-2-14:2003/A1:2007 (IEC 60745-2-14:2003/A1:2006 (Modified))	20.4.2004 24.6.2008 24.6.2008	EN 50144-2-14:2001 Note 2.1 Note 3 Note 3	Date expired (1.7.2006) Date expired (24.6.2008) 1.2.2010
Cenelec	EN 60745-2-15:2006 Hand-held motor-operated electric tools — Safety — Part 2-15: Particular requirements for hedge trimmers (IEC 60745-2-15:2006 (Modified))	22.8.2008	EN 50144-2-15:2001 Note 2.1	1.5.2009
Cenelec	EN 60745-2-17:2003 Hand-held motor-operated electric tools — Safety — Part 2-17: Particular requirements for routers and trimmers (IEC 60745-2-17:2003 (Modified)) EN 60745-2-17:2003/A11:2007	20.4.2004 24.6.2008	EN 50144-2-17:2000 + EN 50144-2-18:2000 + EN 50260-2-14:2002 Note 2.1 Note 3	Date expired (31.12.2005) Date expired (24.6.2008)
Cenelec	EN 60745-2-18:2004 Hand-held motor-operated electric tools — Safety — Part 2-18: Particular requirements of strapping tools (IEC 60745-2-18:2003 (Modified)) EN 60745-2-18:2004/A11:2007	2.8.2006 24.6.2008	— Note 3	Date expired (24.6.2008)
Cenelec	EN 60745-2-19:2005 Hand-held motor-operated electric tools — Safety — Part 2-19: Particular requirements for jointers (IEC 60745-2-19:2005 (Modified)) EN 60745-2-19:2005/A11:2007	2.8.2006 24.6.2008	— Note 3	Date expired (1.7.2008)

ESO (1)	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
Cenelec	EN 60745-2-20:2003 Hand-held motor-operated electric tools — Safety — Part 2-20: Particular requirements for band saws (IEC 60745-2-20:2003 (Modified)) EN 60745-2-20:2003/A11:2007	20.4.2004 24.6.2008	— Note 3	Date expired (24.6.2008)
Cenelec	EN 60745-2-21:2007 Hand-held motor-operated electric tools — Safety — Part 2-21: Particular requirements for drain cleaners (IEC 60745-2-21:2002 (Modified))	24.6.2008	—	
Cenelec	EN 60947-5-3:1999 Low-voltage switchgear and controlgear — Part 5-3: Control circuit devices and switching elements — Requirements for proximity devices with defined behaviour under fault conditions (PDF) (IEC 60947-5-3:1999) EN 60947-5-3:1999/A1:2005 (IEC 60947-5-3:1999/A1:2005)	24.6.2003 31.12.2005	— Note 3	Date expired (1.3.2008)
Cenelec	EN 60947-5-5:1997 Low-voltage switchgear and controlgear — Part 5-5: Control circuit devices and switching elements — Electrical emergency stop device with mechanical latching function (IEC 60947-5-5:1997) EN 60947-5-5:1997/A1:2005 (IEC 60947-5-5:1997/A1:2005)	10.3.2001 31.12.2005	— Note 3	Date expired (1.3.2008)
Cenelec	EN 61029-1:2000 Safety of transportable motor-operated electric tools — Part 1: General requirements (IEC 61029-1:1990 (Modified)) Note 4 EN 61029-1:2000/A11:2003 EN 61029-1:2000/A12:2003	10.3.2001 20.4.2004 20.4.2004	— Note 3 Note 3	Date expired (1.10.2005) Date expired (1.11.2005)
Cenelec	EN 61029-2-1:2002 Safety of transportable motor-operated electric tools — Part 2-1: Particular requirements for circular saw benches (IEC 61029-2-1:1993 + A1:1999 + A2:2001 (Modified))	24.6.2003	—	
Cenelec	EN 61029-2-4:2003 Safety of transportable motor-operated electric tools — Part 2-4: Particular requirements for bench grinders (IEC 61029-2-4:1993 (Modified)) EN 61029-2-4:2003/A1:2003 (IEC 61029-2-4:1993/A1:2001 (Modified))	14.8.2003 20.4.2004	— Note 3	Date expired (2.8.2006)

ESO ⁽¹⁾	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard (Note 1)
Cenelec	EN 61029-2-8:2003 Safety of transportable motor-operated electric tools — Part 2: Particular requirements for single spindle vertical moulders (IEC 61029-2-8:1995 + A1:1999 + A2:2001 (Modified))	20.4.2004	—	
Cenelec	EN 61029-2-9:2002 Safety of transportable motor-operated electric tools — Part 2-9: Particular requirements for mitre saws (IEC 61029-2-9:1995 (Modified))	14.8.2003	—	
Cenelec	EN 61310-1:2008 Safety of machinery — Indication, marking and actuation — Part 1: Requirements for visual, acoustic and tactile signals (IEC 61310-1:2007)	22.8.2008	EN 61310-1:1995 Note 2.1	1.12.2010
Cenelec	EN 61310-2:2008 Safety of machinery — Indication, marking and actuation — Part 2: Requirements for marking (IEC 61310-2:2007)	22.8.2008	EN 61310-2:1995 Note 2.1	1.12.2010
Cenelec	EN 61310-3:2008 Safety of machinery — Indication, marking and actuation — Part 3: Requirements for the location and operation of actuators (IEC 61310-3:2007)	22.8.2008	EN 61310-3:1999 Note 2.1	1.12.2010
Cenelec	EN 61496-1:2004 Safety of machinery — Electro-sensitive protective equipment — Part 1: General requirements and tests (IEC 61496-1:2004 (Modified))	6.8.2005	EN 61496-1:1997 Note 2.1	Date expired (1.4.2007)
Cenelec	EN 61800-5-2:2007 Adjustable speed electrical power drive systems — Part 5-2: Safety requirements — Functional (IEC 61800-5-2:2007)	24.6.2008	—	
Cenelec	EN 62061:2005 Safety of machinery — Functional safety of safety-related electrical, electronic and programmable electronic control systems (IEC 62061:2005)	31.12.2005	—	

(¹) ESO: European Standardisation Organisation:

— CEN: avenue Marnix 17, B-1000 Brussels, tel. (32-2) 550 08 11; fax (32-2) 550 08 19 (<http://www.cen.eu>),

— Cenelec: avenue Marnix 17, B-1000 Brussels, tel. (32-2) 519 68 71; fax (32-2) 519 69 19 (<http://www.cenelec.org>),

— ETSI: 650, route des Lucioles, F-06921 Sophia Antipolis, tel. (33) 492 94 42 00; fax (33) 493 65 47 16 (<http://www.etsi.org>).

Note 1 Generally the date of cessation of presumption of conformity will be the date of withdrawal ('dow'), set by the European Standardisation Organisation, but attention of users of these standards is drawn to the fact that in certain exceptional cases this can be otherwise.

Note 2.1 The new (or amended) standard has the same scope as the superseded standard. On the date stated, the superseded standard ceases to give presumption of conformity with the essential requirements of the directive.

Note 3 In case of amendments, the referenced standard is EN CCCC:YYYY, its previous amendments, if any, and the new, quoted amendment. The superseded standard (column 4) therefore consists of EN CCCC:YYYY and its previous amendments, if any, but without the new quoted amendment. On the date stated, the superseded standard ceases to give presumption of conformity with the essential requirements of the directive.

Note 4 Presumption of conformity for a product is achieved by complying with the requirements of Part 1 and the relevant Part 2 when this Part 2 is also listed in the OJ under Directive 98/37/EC.

Note:

- any information concerning the availability of the standards can be obtained either from the European Standardisation Organisations or from the national standardisation bodies of which the list is annexed to the Directive 98/34/EC of the European Parliament and of the Council ⁽¹⁾ amended by the Directive 98/48/EC ⁽²⁾,
- publication of the references in the *Official Journal of the European Union* does not imply that the standards are available in all the Community languages,
- this list replaces all the previous lists published in the *Official Journal of the European Union*. The Commission ensures the updating of this list.

More information about harmonised standards on the Internet at:

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

⁽¹⁾ OJL 204, 21.7.1998, p. 37.

⁽²⁾ OJL 217, 5.8.1998, p. 18.