

Commission communication in the framework of the implementation of the Directive 98/37/EC of the European Parliament and of the Council of 22 June 1998 on the approximation of the laws of the Member States relating to machinery

(2006/C 180/03)

(Text with EEA relevance)

(Publication of titles and references of harmonised standards under the directive)

ESO ⁽¹⁾	Reference and title of the harmonised standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1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 81-3:2000 Safety rules for the construction and installation of lifts — Part 3: Electric and hydraulic service lifts	27.11.2001	—	
CEN	EN 115:1995 Safety rules for the construction and installation of escalators and passenger conveyors EN 115:1995/A1:1998 EN 115:1995/A2:2004	1.7.1995 15.10.1998 31.12.2005	— Note 3 Note 3	 Date expired (15.10.1998) Date expired (31.12.2005)
CEN	EN 201:1997 Rubber and plastics machines — Injection moulding machines — Safety requirements EN 201:1997/A1:2000 EN 201:1997/A2:2005	4.6.1997 20.5.2000 31.12.2005	— Note 3 Note 3	 Date expired (31.8.2000) Date expired (31.1.2006)
CEN	EN 280:2001 Mobile elevating work platforms — Design calculations — Stability criteria — Construction — Safety — Examinations and tests EN 280:2001/A1:2004	14.6.2002 This is the first publication	— Note 3	 The date of this publication
CEN	EN 289:2004 Plastics and rubber machines — Presses — Safety requirements	31.12.2005	EN 289:1993	Date expired (31.12.2005)
CEN	EN 294:1992 Safety of machinery — Safety distance to prevent danger zones being reached by the upper limbs EN 294:1992/AC:1993	25.8.1993	—	
CEN	EN 349:1993 Safety of machinery — Minimum gaps to avoid crushing of parts of the human body	25.8.1993	—	
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	—	

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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 418:1992 Safety of machinery — Emergency stop equipment, functional aspects — Principles for design	25.8.1993	—	
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 474-1:1994 Earth-moving machinery — Safety — Part 1: General requirements EN 474-1:1994/A1:1998 EN 474-1:1994/AC:1995	31.12.1994 15.10.1998	— Note 3	Date expired (30.11.1998)
CEN	EN 474-2:1996 Earth-moving machinery — Safety — Part 2: Requirements for tractor- dozers	15.10.1996	—	
CEN	EN 474-3:1996 Earth-moving machinery — Safety — Part 3: Requirements for loaders	15.10.1996	—	
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 474-6:1996 Earth-moving machinery — Safety — Part 6: Requirements for dumpers EN 474-6:1996/AC:1996	15.10.1996	—	
CEN	EN 474-7:1998 Earth-moving machinery — Safety — Part 7: Requirements for scrapers	15.10.1998	—	

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 474-8:1998 Earth-moving machinery — Safety — Part 8: Requirements for graders	15.10.1998	—	
CEN	EN 474-9:1998 Earth-moving machinery — Safety — Part 9: Requirements for pipe-layers EN 474-9:1998/AC:1998	15.10.1998	—	
CEN	EN 474-10:1998 Earth-moving machinery — Safety — Part 10: Requirements for trenchers EN 474-10:1998/AC:1998	15.10.1998	—	
CEN	EN 474-11:1998 Earth-moving machinery — Safety — Part 11: Requirements for earth and landfill compactors	15.10.1998	—	
CEN	EN 500-1:1995 Mobile road construction machinery — Safety — Part 1: Common requirements	14.2.1996	—	
CEN	EN 500-2:1995 Mobile road construction machinery — Safety — Part 2: Specific requirements for road-milling machines	14.2.1996	—	
CEN	EN 500-3:1995 Mobile road construction machinery — Safety — Part 3: Specific requirements for soil stabilization machines	14.2.1996	—	
CEN	EN 500-4:1995 Mobile road construction machinery — Safety — Part 4: Specific requirements for compaction machines	14.2.1996	—	
CEN	EN 528:1996 Rail dependent storage and retrieval equipment — Safety EN 528:1996/A1:2002	28.11.1996 14.8.2003	— Note 3	Date expired (14.8.2003)
CEN	EN 536:1999 Road construction machines — Asphalt mixing plants — Safety requirements	5.11.1999	—	
CEN	EN 547-1:1996 Safety of machinery — Human body measurements — Part 1: Principles for determining the dimensions required for openings for whole body access into machinery	22.3.1997	—	
CEN	EN 547-2:1996 Safety of machinery — Human body measurements — Part 2: Principles for determining the dimensions required for access openings	22.3.1997	—	
CEN	EN 547-3:1996 Safety of machinery — Human body measurements — Part 3: Anthropometric data	22.3.1997	—	

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 563:1994 Safety of machinery — Temperatures of touchable surfaces — Ergonomics data to establish temperature limit values for hot surfaces EN 563:1994/A1:1999 EN 563:1994/A1:1999/AC:2000	31.12.1994 15.4.2000	— Note 3	Date expired (15.4.2000)
CEN	EN 574:1996 Safety of machinery — Two-hand control devices — Functional aspects — Principles for design	22.3.2000	—	
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 614-1:1995 Safety of machinery — Ergonomic design principles — Part 1: Terminology and general principles	14.2.1996	—	
CEN	EN 614-2:2000 Safety of machinery — Ergonomic design principles — Part 2: Interactions between the design of machinery and work tasks	10.3.2001	—	
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	—	
CEN	EN 626-1:1994 Safety of machinery — Reduction of risks to health from hazardous substances emitted by machinery — Part 1: Principles and specifications for machinery manufacturers	14.2.1996	—	

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 626-2:1996 Safety of machinery — Reduction of risk to health from hazardous substances emitted by machinery — Part 2: Methodology leading to verification procedures	28.11.1996	—	
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	This is the first publication	EN 692:1996	The date of this publication
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 EN 708:1996/A1:2000	8.5.1997 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 EN 709:1997/A1:1999	23.10.1997 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	—	

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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 EN 774:1996/A1:1997 EN 774:1996/A2:1997 EN 774:1996/A3:2001	15.10.1996 8.5.1997 23.10.1997 27.11.2001	— Note 3 Note 3 Note 3	Date expired (31.8.1997) Date expired (31.12.1997) Date expired (27.11.2001)
CEN	EN 775:1992 Manipulating industrial robots — Safety (ISO 10218:1992, modified) EN 775:1992/AC:1993	25.8.1993	—	
CEN	EN 786:1996 Garden equipment — Electrically powered walk-behind and hand-held lawn trimmers and lawn edge trimmers — Mechanical safety EN 786:1996/A1:2001 EN 786:1996/AC:1996	15.10.1996 27.11.2001	— Note 3	Date expired (27.11.2001)
CEN	EN 791:1995 Drill rigs — Safety	8.8.1996	—	

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CEN	EN 792-1:2000 Hand-held non-electric power tools — Safety requirements — Part 1: Assembly power tools for non-threaded mechanical fasteners	27.11.2001	—	
CEN	EN 792-2:2000 Hand-held non-electric power tools — Safety requirements — Part 2: Cutting-off and crimping power tools	27.11.2001	—	
CEN	EN 792-3:2000 Hand-held non-electric power tools — Safety requirements — Part 3: Drills and tappers	27.11.2001	—	
CEN	EN 792-4:2000 Hand-held non-electric power tools — Safety requirements — Part 4: Non-rotary percussive power tools	27.11.2001	—	
CEN	EN 792-5:2000 Hand-held non-electric power tools — Safety requirements — Part 5: Rotary percussive drills	27.11.2001	—	
CEN	EN 792-6:2000 Hand-held non-electric power tools — Safety requirements — Part 6: Assembly power tools for threaded fasteners	27.11.2001	—	
CEN	EN 792-7:2001 Hand-held non-electric power tools — Safety requirements — Part 7: Grinders	14.6.2002	—	
CEN	EN 792-8:2001 Hand-held non-electric power tools — Safety requirements — Part 8: Sanders and polishers	14.6.2002	—	
CEN	EN 792-9:2001 Hand-held non-electric power tools — Safety requirements — Part 9: Die grinders	14.6.2002	—	
CEN	EN 792-10:2000 Hand-held non-electric power tools — Safety requirements — Part 10: Compression power tools	27.11.2001	—	
CEN	EN 792-11:2000 Hand-held non-electric power tools — Safety requirements — Part 11: Nibblers and shears	27.11.2001	—	
CEN	EN 792-12:2000 Hand-held non-electric power tools — Safety requirements — Part 12: Small circular, small oscillating and reciprocating saws	27.11.2001	—	
CEN	EN 792-13:2000 Hand-held non-electric power tools — Safety requirements — Part 13: Fastener driving tools	27.11.2001	—	

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CEN	EN 809:1998 Pumps and pump units for liquids — Common safety requirements EN 809:1998/AC:2001	15.10.1998	—	
CEN	EN 811:1996 Safety of machinery — Safety distances to prevent danger zones being reached by the lower limbs	8.5.1997	—	
CEN	EN 815:1996 Safety of unshielded tunnel boring machines and rodless shaft boring machines for rock EN 815:1996/A1:2005	22.3.1997 31.12.2005	— Note 3	Date expired (31.12.2005)
CEN	EN 818-1:1996 Short link chain for lifting purposes — Safety — Part 1: General condi- tions of acceptance EN 818-1:1996/AC:1996	15.10.1996	—	
CEN	EN 818-2:1996 Short link chain for lifting purposes — Safety — Part 2: Medium toler- ance chain for chain slings — Grade 8	28.11.1996	—	
CEN	EN 818-3:1999 Short link chain for lifting purposes — Safety — Part 3: Medium toler- ance chain for chain slings — Grade 4	10.3.2001	—	
CEN	EN 818-4:1996 Short link chain for lifting purposes — Safety — Part 4: Chain slings — Grade 8	28.11.1996	—	
CEN	EN 818-5:1999 Short link chain for lifting purposes — Safety — Part 5: Chain slings — Grade 4	10.3.2001	—	
CEN	EN 818-6:2000 Short link chain for lifting purposes — Safety — Part 6: Chain slings — Specification for information for use and maintenance to be provided by the manufacturer	10.3.2001	—	
CEN	EN 818-7:2002 Short link chain for lifting purposes — Safety — Part 7: Fine tolerance hoist chain, Grade T (Types T, DAT and DT)	14.6.2002	—	

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CEN	EN 836:1997 Garden equipment — Powered lawnmowers — Safety EN 836:1997/A1:1997 EN 836:1997/A2:2001 EN 836:1997/A3:2004 EN 836:1997/AC:2006	4.6.1997 13.3.1998 27.11.2001 31.12.2005	— Note 3 Note 3 Note 3	 Date expired (30.4.1998) Date expired (27.11.2001) Date expired (31.12.2005)
CEN	EN 842:1996 Safety of machinery — Visual danger signals — General requirements, design and testing	28.11.1996	—	
CEN	EN 848-1:1998 Safety of woodworking machines — One side moulding machines with rotating tool — Part 1: Single spindle vertical moulding machines EN 848-1:1998/A1:2000	15.10.1998 10.3.2001	— Note 3	 Date expired (10.3.2001)
CEN	EN 848-2:1998 Safety of woodworking machines — One side moulding machines with rotating tool — Part 2: Single spindle handfed/integrated fed routing machines	15.10.1998	—	
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	—	
CEN	EN 859:1997 Safety of woodworking machines — Handfed surface planing machines	13.3.1998	—	
CEN	EN 860:1997 Safety of woodworking machines — One side thickness planing machines	23.10.1997	—	
CEN	EN 861:1997 Safety of woodworking machines — Surface planing and thicknessing machines	13.3.1998	—	
CEN	EN 869:1997 Safety requirements for high pressure metal diecasting units	13.3.1998	—	

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CEN	EN 894-1:1997 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	13.3.1998	—	
CEN	EN 894-2:1997 Safety of machinery — Ergonomics requirements for the design of displays and control actuators — Part 2: Displays	13.3.1998	—	
CEN	EN 894-3:2000 Safety of machinery — Ergonomics requirements for the design of displays and control actuators — Part 3: Control actuators	27.11.2001	—	
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)
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 954-1:1996 Safety of machinery — Safety-related parts of control systems — Part 1: General principles for design	8.5.1997	—	

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CEN	EN 972:1998 Tannery machines — Reciprocating roller machines — Safety requirements	15.10.1998	—	
CEN	EN 981:1996 Safety of machinery — System of auditory and visual danger and information signals	8.5.1997	—	
CEN	EN 982:1996 Safety of machinery — Safety requirements for fluid power systems and their components — Hydraulics	15.10.1996	—	
CEN	EN 983:1996 Safety of machinery — Safety requirements for fluid power systems and their components — Pneumatics	15.10.1996	—	
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 Safety of machinery — The positioning of protective equipment in respect of approach speeds of parts of the human body	11.6.1999	—	
CEN	EN 1005-1:2001 Safety of machinery — Human physical performance — Part 1: Terms and definitions	14.6.2002	—	
CEN	EN 1005-2:2003 Safety of machinery — Human physical performance — Part 2: Manual handling of machinery and component parts of machinery	20.4.2004	—	
CEN	EN 1005-3:2002 Safety of machinery — Human physical performance — Part 3: Recommended force limits for machinery operation	14.6.2002	—	
CEN	EN 1005-4:2005 Safety of machinery — Human physical performance — Part 4: Evaluation of working postures and movements in relation to machinery	31.12.2005	—	
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	—	

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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	This is the first publication	—	
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 Fire-fighting pumps — Fire-fighting centrifugal pumps with primer — Part 1: Classification — General and safety requirements	14.8.2003	—	
CEN	EN 1028-2:2002 Fire-fighting pumps — Fire-fighting centrifugal pumps with primer — Part 2: Verification of general and safety requirements	14.8.2003	—	
CEN	EN 1032:2003 Mechanical vibration — Testing of mobile machinery in order to determine the vibration emission value	31.12.2005	EN 1032:1996	Date expired (31.12.2005)
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	This is the first publication		

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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	This is the first publication		
CEN	EN 1034-5:2005 Safety of machinery — Safety requirements for the design and construction of paper making and finishing machines — Part 5: Sheeters	This is the first publication		
CEN	EN 1034-6:2005 Safety of machinery — Safety requirements for the design and construction of paper making and finishing machines — Part 6: Calander	This is the first publication		
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	This is the first publication		
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	This is the first publication		
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 Safety of machinery — Prevention of unexpected start-up	15.10.1996	—	
CEN	EN 1050:1996 Safety of machinery — Principles for risk assessment	23.10.1997	—	
CEN	EN 1088:1995 Safety of machinery — Interlocking devices associated with guards — Principles for design and selection	15.10.1996	—	

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CEN	EN 1093-1:1998 Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 1: Selection of test methods	14.11.1998	—	
CEN	EN 1093-3:1996 Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 3: Emission rate of a specified pollutant — Bench test method using the real pollutant	15.10.1996	—	
CEN	EN 1093-4:1996 Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 4: Capture efficiency of an exhaust system — Tracer method	15.10.1996	—	
CEN	EN 1093-6:1998 Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 6: Separation efficiency by mass, unducted outlet	14.11.1998	—	
CEN	EN 1093-7:1998 Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 7: Separation efficiency by mass, ducted outlet	14.11.1998	—	
CEN	EN 1093-8:1998 Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 8: Pollutant concentration parameter, test bench method	14.11.1998	—	
CEN	EN 1093-9:1998 Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 9: Pollutant concentration parameter, room method	14.11.1998	—	
CEN	EN 1093-11:2001 Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 11: Decontamination index	14.6.2002	—	
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 Rubber and plastics machines — Extruders and extrusion lines — Part 2: Safety requirements for die face pelletisers	15.10.1998	—	
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 1127-1:1997 Explosive atmospheres — Explosion prevention and protection — Part 1: Basic concepts and methodology	13.3.1998	—	

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CEN	EN 1127-2:2002 Explosive atmospheres — Explosion prevention and protection — Part 2: Basic concepts and methodology for mining	31.12.2005	—	
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	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	31.12.2005 This is the first publication	— Note 3	The date of this publication
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	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 Noise test code for foundry machines and equipment	15.4.2000	—	

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 Mechanical vibration and shock — Vibration isolation of machines — Information for the application of source isolation	4.6.1997	—	
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 Rubber and plastics machines — Two roll mills — Safety requirements	22.3.1997	—	
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.

CEN	EN 1492-1:2000 Textile slings — Safety — Part 1: Flat woven webbing slings, made of man-made fibres, for general purpose use	27.11.2001	—	
CEN	EN 1492-2:2000 Textile slings — Safety — Part 2: Roundslings, made of man-made fibres, for general purpose use	27.11.2001	—	
CEN	EN 1492-4:2004 Textile slings — Safety — Part 4: Lifting slings for general service made from natural and man-made fibre ropes	31.12.2005	—	
CEN	EN 1493:1998 Vehicle lifts	11.6.1999	—	
CEN	EN 1494:2000 Mobile or movable Jacks and associated lifting equipment	27.11.2001	—	
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 This is the first publication	— Note 3	The date of this publication
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 1525:1997 Safety of industrial trucks — Driverless trucks and their systems	13.3.1998	—	
CEN	EN 1526:1997 Safety of industrial trucks — Additional requirements for automated functions on trucks	13.3.1998	—	
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 Machine-tools safety — Safety requirements for the design and construction of work holding chucks	13.3.1998	—	
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)
CEN	EN 1612-1:1997 Rubber and plastics machines — Reaction moulding machines — Part 1: Safety requirements for metering and mixing units	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 1612-2:2000 Rubber and plastics machines — Reaction moulding machines — Part 2: Safety requirements for reaction moulding plant	10.3.2001	—	
CEN	EN 1672-2:2005 Food processing machinery — Basic concepts — Part 2: Hygiene requirements	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 Components for slings — Safety — Part 1: Forged steel components, Grade 8	14.6.2002	—	
CEN	EN 1677-2:2000 Components for slings — Safety — Part 2: Forged steel lifting hooks with latch, Grade 8	14.6.2002	—	
CEN	EN 1677-3:2001 Components for slings — Safety — Part 3: Forged steel self-locking hooks — Grade 8	14.6.2002	—	
CEN	EN 1677-4:2000 Components for slings — Safety — Part 4: Links, Grade 8	27.11.2001	—	
CEN	EN 1677-5:2001 Components for slings — Safety — Part 5: Forged steel lifting hooks with latch — Grade 4	27.11.2001	—	
CEN	EN 1677-6:2001 Components for slings — Safety — Part 6: Links — Grade 4	27.11.2001	—	
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: Compression ignition engines	13.6.1998	—	
CEN	EN 1710:2005 Equipment and components intended for use in potentially explosive atmospheres in underground mines	This is the first publication		

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	This is the first publication	Note 3	The date of this publication
CEN	EN 1726-2:2000 Safety of Industrial Trucks — Self-propelled trucks up to and including 10000 kg capacity and tractors with a drawbar pull up to and including 20000 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 Tail lifts — Platform lifts for mounting on wheeled vehicles — Safety requirements — Part 1: Tail lifts for goods	14.6.2002	—	
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	—	

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 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	—	
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 require- ments	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 1807:1999 Safety of woodworking machines — Band sawing machines	27.11.2001	—	
CEN	EN 1808:1999 Safety requirements on Suspended Access Equipment — Design calcula- tions, stability criteria, construction — Tests	5.11.1999	—	
CEN	EN 1834-1:2000 Reciprocating internal combustion engines — Safety requirements for design and construction of engines for use in potentially explosive atmo- spheres — 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 atmo- spheres — 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 atmo- spheres — Part 3: Group II engines for use in flammable dust atmo- spheres	31.12.2005	—	
CEN	EN 1837:1999 Safety of machinery — Integral lighting of machines	11.6.1999	—	
CEN	EN 1845:1998 Footwear manufacturing machines — Footwear moulding machines — 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 1846-2:2001 Firefighting and rescue service vehicles — Part 2: Common requirements — Safety and performance EN 1846-2:2001/A1:2004	14.6.2002 31.12.2005	— Note 3	Date expired (31.12.2005)
CEN	EN 1846-3:2002 Firefighting and rescue service vehicles — Part 3: Permanently installed equipment — Safety and performance	14.8.2003	—	
CEN	EN 1853:1999 Agricultural machinery — Trailers with tipping body — Safety	5.11.1999	—	
CEN	EN 1870-1:1999 Safety of woodworking machines — Circular sawing machines — Part 1: Circular saw benches (with and without sliding table) and dimension saws	10.3.2001	—	
CEN	EN 1870-2:1999 Safety of woodworking machines — Circular sawing machines — Part 2: Horizontal beam panel saws and vertical panel saws	20.4.2004	—	
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	—	

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 1870-9:2000 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	—	
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	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)	31.12.2005	—	
CEN	EN 1870-12:2003 Safety of woodworking machines — Circular sawing machines — Part 12: Pendulum cross-cut sawing machines	31.12.2005	—	
CEN	EN 1870-15:2004 Safety of woodworking machines — Circular sawing machines — Part 15: Multiblade cross-cut sawing machines with integrated feed of the workpiece 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 underground — Safety — Part 1: Rubber tyred vehicles	20.4.2004	—	
CEN	EN 1889-2:2003 Machines for underground mines — Mobile machines working underground — 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 OJ	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 2151:2004 Acoustics — Noise test code for compressors and vacuum pumps Engineering method (grade 2) (ISO 2151:2004) EN ISO 2151:2004/AC:2006	This is the first publication	—	
CEN	EN ISO 2860:1999 Earth-moving machinery — Minimum access dimensions (ISO 2860:1992)	5.11.1999	—	
CEN	EN ISO 2867:1998 Earth-moving machinery — Access systems (ISO 2867:1994)	14.11.1998	—	
CEN	EN ISO 3164:1999 Earth-moving machinery — Laboratory evaluations of protective structures — Specifications for deflection-limiting volume (ISO 3164:1995)	5.11.1999	—	
CEN	EN ISO 3411:1999 Earth-moving machinery — Human physical dimensions of operators and minimum operator space envelope (ISO 3411:1995)	5.11.1999	—	
CEN	EN ISO 3449:2005 Earth-moving machinery — Falling-object protective structures — Laboratory tests and performance requirements (ISO 3449:2005)	31.12.2005	EN 13627:2000	Date expired (31.3.2006)
CEN	EN ISO 3450:1996 Earth-moving machinery — Braking systems of rubber-tyred machines — Systems and performance requirements and test procedures (ISO 3450:1996)	15.10.1996	—	
CEN	EN ISO 3457:2003 Earth-moving machinery — Guards — Definitions and requirements (ISO 3457:2003)	20.4.2004	EN ISO 3457:1995	Date expired (20.4.2004)
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)

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 3743-1:1995 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	—	
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	This is the first publication	—	
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 5674:2004 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)	31.12.2005	EN 1152:1994	Date expired (31.12.2005)
CEN	EN ISO 6682:1995 Earth-moving machinery — Zones of comfort and reach for controls (ISO 6682:1986 including Amendment 1:1989)	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 6683:2005 Earth-moving machinery — Seat belts and seat belt anchorages — Performance requirements and tests (ISO 6683:2005)	31.12.2005	EN ISO 6683:1999	Date expired (31.12.2005)
CEN	EN ISO 7096:2000 Earth-moving machinery — Laboratory evaluation of operator seat vibration (ISO 7096:2000)	14.6.2002	—	
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)
CEN	EN ISO 7250:1997 Basic human body measurements for technological design (ISO 7250:1996)	13.3.1998	—	
CEN	EN ISO 7731:2005 Ergonomics — Danger signals for public and work areas — Auditory danger signals (ISO 7731:2003)	31.12.2005	EN 457:1992	Date expired (31.3.2006)
CEN	EN ISO 8230:1997 Safety requirements for dry-cleaning machines using perchloroethylene (ISO 8230:1997)	13.6.1998	—	
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	—	

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 8662-12:1997 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	—	
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	—	

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 10472-1:1997 Safety requirements for industrial laundry machinery — Part 1: Common requirements (ISO 10472-1:1997)	13.6.1998	—	
CEN	EN ISO 10472-2:1997 Safety requirements for industrial laundry machinery — Part 2: Washing machines and washer-extractors (ISO 10472-2:1997)	13.6.1998	—	
CEN	EN ISO 10472-3:1997 Safety requirements for industrial laundry machinery — Part 3: Washing tunnel lines including component machines (ISO 10472-3:1997)	13.6.1998	—	
CEN	EN ISO 10472-4:1997 Safety requirements for industrial laundry machinery — Part 4: Air dryers (ISO 10472-4:1997)	13.6.1998	—	
CEN	EN ISO 10472-5:1997 Safety requirements for industrial laundry machinery — Part 5: Flatwork ironers, feeders and folders (ISO 10472-5:1997)	13.6.1998	—	
CEN	EN ISO 10472-6:1997 Safety requirements for industrial laundry machinery — Part 6: Ironing and fusing presses (ISO 10472-6:1997)	13.6.1998	—	
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 require- ments (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 prepara- tory 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)

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 11111-5:2005 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)
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 11145:2001 Optics and optical instruments — Lasers and laser-related equipment — Vocabulary and symbols (ISO 11145:2001)	14.6.2002	EN ISO 11145:1994	Date expired (14.6.2002)
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	—	

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 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	This is the first publication	—	
CEN	EN ISO 11252:2004 Lasers and laser-related equipment — Laser device — Minimum requirements for documentation (ISO 11252:2004)	31.12.2005	EN 31252:1994	Date expired (31.12.2005)
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	—	
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 11553-1:2005 Safety of machinery — Laser processing machines — Part 1: General safety requirements (ISO 11553-1:2005)	31.12.2005	EN 12626:1997	Date expired (31.12.2005)
CEN	EN ISO 11554:2003 Optics and optical instruments — Lasers and laser-related equipment — Test methods for laser beam power, energy and temporal characteristics (ISO 11554:2003)	20.4.2004	EN ISO 11554:1998	Date expired (20.4.2004)
CEN	EN ISO 11680-1:2000 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) EN ISO 11680-1:2000/AC:2002	14.6.2002	—	
CEN	EN ISO 11680-2:2000 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) EN ISO 11680-2:2000/AC:2002	14.6.2002	—	
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)

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 11681-2:1998 Machinery for forestry — Portable chain-saws — Safety requirements and testing — Part 2: Chain-saws for tree service (ISO 11681-2:1998) EN ISO 11681-2:1998/A1:2003	15.10.1998 31.12.2005	— Note 3	Date expired (31.12.2005)
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) EN ISO 11688-1:1998/AC:1998	15.10.1998	—	
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 11806:1997 Agricultural and forestry machinery — Portable hand-held combustion engine driven brush cutters and grass trimmers — Safety (ISO 11806:1997) EN ISO 11806:1997/AC:1998	23.10.1997	—	
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 12012-1:2000 Rubber and plastics machines — Size reduction machines — Part 1: Safety requirements for blade granulators	27.11.2001	—	
CEN	EN 12012-2:2001 Rubber and plastics machines — Size reduction machines — Part 2: Safety requirements for strand pelletisers EN 12012-2:2001/A1:2003	14.6.2002 31.12.2005	— Note 3	Date expired (31.12.2005)
CEN	EN 12012-3:2001 Rubber and plastics machines — Size reduction machines — Part 3: Safety requirements for shredders	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 12013:2000 Rubber and plastics machines — Internal mixers — Safety requirements	27.11.2001	—	
CEN	EN 12016:2004 Electromagnetic compatibility — Product family standard for lifts, escalators and moving walks — Immunity	31.12.2005	EN 12016:1998	Date expired (30.6.2006)
CEN	EN 12041:2000 Food processing machinery — Moulders — Safety and hygiene requirements	10.3.2001	—	
CEN	EN 12042:2005 Food processing machinery — Automatic dividers — Safety and hygiene requirements	This is the first publication		
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	31.12.2005	—	
CEN	EN 12053:2001 Safety of industrial trucks — Test methods for measuring noise emissions	14.6.2002	—	
CEN	EN 12077-2:1998 Cranes safety — Requirements for health and safety — Part 2: Limiting and indicating devices	11.6.1999	—	
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 Tunnelling machines — Air locks — Safety requirements	14.8.2003	—	
CEN	EN 12111:2002 Tunnelling machines — Road headers, continuous miners and impact rippers — Safety requirements	14.8.2003	—	
CEN	EN 12158-1:2000 Builders hoists for goods — Part 1: Hoists with accessible platforms	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 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 Safety of machinery — Assessment and reduction of risks arising from radiation emitted by machinery — Part 1: General principles	10.3.2001	—	
CEN	EN 12198-2:2002 Safety of machinery — Assessment and reduction of risks arising from radiation emitted by machinery — Part 2: Radiation emission measurement procedure	14.8.2003	—	
CEN	EN 12198-3:2002 Safety of machinery — Assessment and reduction of risks arising from radiation emitted by machinery — Part 3: Reduction of radiation by attenuation or screening	14.8.2003	—	
CEN	EN 12203:2003 Footwear, leather and imitation leather goods manufacturing machines — Shoe and leather presses — Safety requirements	31.12.2005	—	
CEN	EN 12254:1998 Screens for laser working places — Safety requirements and testing	14.8.2003	—	
CEN	EN 12254:1998/A1:2002	14.8.2003	Note 3	Date expired (14.8.2003)
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 Rubber and plastic machines — Calenders — Safety requirements	27.11.2001	—	
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	—	

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 12312-4:2003 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 12312-15:2006 Aircraft ground support equipment — Specific requirements — Part 15: Baggage and equipment tractors	This is the first publication		
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	—	

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 12312-20:2005 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 EN 12331:2003/A1:2005	31.12.2005 31.12.2005	— Note 3	Date expired (31.1.2006)
CEN	EN 12336:2005 Tunnelling machines — Shield machines, thrust boring machines, auger boring machines, lining erection equipment — Safety requirements	31.12.2005	—	
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 Steel wire ropes — Safety — Part 1: General requirements	14.8.2003	—	
CEN	EN 12385-2:2002 Steel wire ropes — Safety — Part 2: Definitions, designation and classifi- cation	14.8.2003	—	
CEN	EN 12385-3:2004 Steel wire ropes — Safety — Part 3: Information for use and mainte- nance	31.12.2005	—	
CEN	EN 12385-4:2002 Steel wire ropes — Safety — Part 4: Stranded ropes for general lifting applications	14.8.2003	—	
CEN	EN 12385-10:2003 Steel wire ropes — Safety — Part 10: Spiral ropes for general structural applications	31.12.2005	—	
CEN	EN 12387:2005 Footwear, leather and imitation leather goods manufacturing machines — Modular shoe repair equipment — Safety requirements	31.12.2005	—	
CEN	EN 12409:1999 Rubber and plastics machines — Thermoforming machines — Safety requirements	15.4.2000	—	

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 12415:2000 Safety of machine tools — Small numerically controlled turning machines and turning centres EN 12415:2000/A1:2002	27.11.2001 14.8.2003	— Note 3	Date expired (14.8.2003)
CEN	EN 12417:2001 Machine tools — Safety — Machining centres EN 12417:2001/A1:2006	14.6.2002 This is the first publication	— Note 3	30.9.2006
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 EN 12478:2000/AC:2001	27.11.2001	—	
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	—	
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	—	
CEN	EN 12549:1999 Acoustics — Noise test code for fastener driving tools — Engineering method	15.4.2000	—	
CEN	EN 12581:2005 Coating plants — Machinery for dip coating and electrodeposition of organic liquid coating material — Safety requirements	This is the first publication		
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	This is the first publication	—	

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 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	—	
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	—	

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 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 Earth-moving machinery — Rubber-tyred machines — Steering requirements (ISO 5010:1992 modified)	13.3.1998	—	
CEN	EN 12644-1:2001 Cranes — Information for use and testing — Part 1: Instructions	27.11.2001	—	
CEN	EN 12644-2:2000 Cranes — Information for use and testing — Part 2: Marking	20.5.2000	—	
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 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	—	
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	This is the first publication		
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	This is the first publication		

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 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 Conveyor belts — Fire simulation flammability testing — Part 1: Propane burner tests	This is the first publication		
CEN	EN 12881-2:2005 Conveyor belts — Fire simulation flammability testing — Part 2: Large scale fire test	31.12.2005	—	
CEN	EN 12882:2001 Conveyor belts for general purpose use — Electrical and flammability safety requirements	24.6.2003	—	
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	—	
CEN	EN 12921-2:2005 Machines for surface cleaning and pre-treatment of industrial items using liquids or vapours — Part 2: Safety of machines using water based cleaning liquids	31.12.2005	—	
CEN	EN 12921-3:2005 Machines for surface cleaning and pre-treatment of industrial items using liquids or vapours — Part 3: Safety of machines using flammable cleaning liquids	31.12.2005	—	
CEN	EN 12921-4:2005 Machines for surface cleaning and pretreatment of industrial items using liquids or vapours — Part 4: Safety of machines using halogenated solvents	31.12.2005	—	
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)

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 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	This is the first publication		
CEN	EN 12999:2002 Cranes — Loader cranes	14.8.2003	—	Date expired (31.12.2005)
	EN 12999:2002/A1:2004	31.12.2005	Note 3	
CEN	EN 13001-1:2004 Cranes — General design — Part 1: General principles and requirements	31.12.2005	—	
CEN	EN 13001-2:2004 Cranes — General design — Part 2: Load actions	31.12.2005	—	
CEN	EN 13015:2001 Maintenance for lifts and escalators — Rules for maintenance instructions	14.6.2002	—	
CEN	EN 13019:2001 Machines for road surface cleaning — Safety requirements	27.11.2001	—	
CEN	EN 13020:2004 Road surface treatment machines — Safety requirements	31.12.2005	—	
CEN	EN 13021:2003 Winter service machines — Safety requirements	20.4.2004	—	
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 13035-3:2003 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	—	

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 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 13042-5:2003 Machines and plants for the manufacture, treatment and processing of hollow glass — Safety requirements — Part 5: Presses	20.4.2004	—	
CEN	EN 13059:2002 Safety of industrial trucks — Test methods for measuring vibration	14.8.2003	—	
CEN	EN 13102:2005 Ceramic machines — Safety — Loading and unloading of fine clay tiles	This is the first publication	—	
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	—	
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 This is the first publication	— Note 3	30.9.2006
CEN	EN 13135-1:2003 Cranes — Safety — Design — Requirements for equipment — Part 1: Electrotechnical equipment	31.12.2005	—	
CEN	EN 13135-2:2004 Cranes — Equipment — Part 2: Non-electrotechnical equipment EN 13135-2:2004/AC:2005	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 13140:2000 Agricultural machinery — Sugar beet and fodder beet harvesting equipment — 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:2005	31.12.2005	—	
CEN	EN 13204:2004 Double acting hydraulic rescue tools for fire and rescue service use — Safety and performance requirements	31.12.2005	—	
CEN	EN 13208:2003 Food processing machinery — Vegetable peelers — Safety and hygiene requirements	20.4.2004	—	
CEN	EN 13218:2002 Machine tools — Safety — Stationary grinding machines	14.8.2003	—	
CEN	EN 13241-1:2003 Industrial, commercial and garage doors and gates — Product standard — Part 1: Products without fire resistance or smoke control characteristics	20.4.2004	—	
CEN	EN 13288:2005 Food processing machinery — Bowl lifting and tilting machines — Safety and hygiene requirements	This is the first publication	—	
CEN	EN 13289:2001 Pasta processing plants — Dryers and coolers — Safety and hygiene requirements	14.6.2002	—	
CEN	EN 13367:2005 Ceramic machines — Safety — Transfer platforms and cars	31.12.2005	—	
CEN	EN 13378:2001 Pasta processing plants — Pasta presses — Safety and hygiene requirements	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	This is the first publication	—	

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 13390:2002 Food processing machinery — Pie and tart machines — Safety and hygiene requirements	14.6.2002	—	
CEN	EN 13411-1:2002 Terminations for steel wire ropes — Safety — Part 1: Thimbles for steel wire rope slings	24.6.2003	—	
CEN	EN 13411-2:2001 Terminations for steel wire ropes — Safety — Part 2: Splicing of eyes for wire rope slings	14.6.2002	—	
CEN	EN 13411-3:2004 Terminations for steel wire ropes — Safety — Part 3: Ferrules and ferrule-securing EN 13411-3:2004/AC:2005	31.12.2005	—	
CEN	EN 13411-4:2002 Terminations for steel wire ropes — Safety — Part 4: Metal and resin socketing	14.6.2002	—	
CEN	EN 13411-5:2003 Terminations for steel wire ropes — Safety — Part 5: U-bolt wire rope grips	20.4.2004	—	
CEN	EN 13411-6:2004 Terminations for steel wire ropes — Safety — Part 6: Asymmetric wedge socket	31.12.2005	—	
CEN	EN 13414-1:2003 Steel wire rope slings — Safety — Part 1: Slings for general lifting service EN 13414-1:2003/A1:2005	31.12.2005 31.12.2005	— Note 3	Date expired (31.12.2005)
CEN	EN 13414-2:2003 Steel wire rope slings — Safety — Part 2: Specification for information for use and maintenance to be provided by the manufacturer EN 13414-2:2003/A1:2005	31.12.2005 31.12.2005	— Note 3	Date expired (31.3.2006)
CEN	EN 13414-3:2003 Steel wire rope slings — Safety — Part 3: Grommets and cable-laid slings	31.12.2005	—	
CEN	EN 13418:2004 Rubber and plastics machines — Winding machines for film or sheet — Safety requirements	31.12.2005	—	
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	—	

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 13478:2001 Safety of machinery — Fire prevention and protection	14.6.2002	—	
CEN	EN 13490:2001 Mechanical vibration — Industrial trucks — Laboratory evaluation and specification of operator seat vibration	14.8.2003	—	
CEN	EN 13510:2000 Earth-moving machinery — Roll-over protective structures — Laboratory tests and performance requirements (ISO 3471:1994, including Amendment 1:1997 modified)	16.6.2000	—	
CEN	EN 13524:2003 Highway maintenance machines — Safety requirements	20.4.2004	—	
CEN	EN 13525:2005 Forestry machinery — Wood chippers — Safety	31.12.2005	—	
CEN	EN 13531:2001 Earth-moving machinery — Tip-over protection structure (TOPS) for compact excavators — Laboratory tests and performance requirements (ISO 12117:1997 modified)	14.6.2002	—	
CEN	EN 13534:2006 Food processing machinery — Curing injection machines — Safety and hygiene requirements	This is the first publication	—	
CEN	EN 13557:2003 Cranes — Controls and control stations EN 13557:2003/A1:2005	31.12.2005 This is the first publication	— Note 3	The date of this publication
CEN	EN 13561:2004 External blinds — Performance requirements including safety	31.12.2005	—	
CEN	EN 13570:2005 Food processing machinery — Mixing machines — Safety and hygiene requirements	31.12.2005	—	
CEN	EN 13586:2004 Cranes — Access	31.12.2005	—	
CEN	EN 13591:2005 Food processing machinery — Fixed deck oven loaders — Safety and hygiene requirements	This is the first publication	—	
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	—	

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 13621:2004 Food processing machinery — Salad dryers — Safety and hygiene requirements	31.12.2005	—	
CEN	EN 13659:2004 Shutters — Performance requirements including safety	31.12.2005	—	
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 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 13732-3:2005 Ergonomic of the thermal environment — Methods for the assessment of human responses to contact with surfaces — Part 3: Cold surfaces (ISO 13732-3:2005)	This is the first publication	—	
CEN	EN 13736:2003 Safety of machine tools — Pneumatic presses EN 13736:2003/AC:2004	14.8.2003	—	
CEN	EN ISO 13753:1998 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)	15.10.1998	—	
CEN	EN 13788:2001 Machine tools — Safety — Multi-spindle automatic turning machines	24.6.2003	—	
CEN	EN ISO 13849-2:2003 Safety of machinery — Safety-related parts of control systems — Part 2: Validation (ISO 13849-2:2003)	20.4.2004	—	
CEN	EN 13852-1:2004 Cranes — Offshore cranes — Part 1: General — purpose offshore cranes	31.12.2005	—	
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	—	

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 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 Forged steel shackles for general lifting purposes — Dee shackles and bow shackles — Grade 6 — Safety	20.4.2004	—	
CEN	EN 13898:2003 Machine tools — Safety — Sawing machines for cold metal	31.12.2005	—	
CEN	EN 13951:2003 Liquid pumps — Safety requirements — Agrifoodstuffs equipment; Design rules to ensure hygiene in use	20.4.2004	—	
CEN	EN 13954:2005 Food processing machinery — Bread slicers — Safety and hygiene requirements	This is the first publication	—	
CEN	EN 13977:2005 Railway applications — Track — Safety requirements for portable machines and trolleys for construction and maintenance	31.12.2005	—	
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 14018:2005 Agricultural and forestry machinery — Seed drills — Safety	This is the first publication	—	
CEN	EN 14043:2005 High rise aerial appliances for fire service use — Turntable ladders with combined movements — Safety and performance requirements and test methods	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	This is the first publication	—	
CEN	EN 14070:2003 Safety of machine tools — Transfer and special purpose 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 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 14159:2004 Safety of machinery — Hygiene requirements for the design of machinery (ISO 14159:2002)	31.12.2005	—	
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	—	
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	This is the first publication		
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 Fire fighting pumps — Portable pumps — Safety and performance requirements, tests	31.12.2005	—	
CEN	EN 14502-2:2005 Cranes — Equipment for the lifting of persons — Part 2: Elevating control stations	31.12.2005	—	
CEN	EN 14655:2005 Food processing machinery — Baguette slicers — Safety and hygiene requirements	31.12.2005	—	
CEN	EN 14658:2005 Continuous handling equipment and systems — General safety requirements for continuous handling equipment for opencast lignite mining	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 14710-1:2005 Fire-fighting pumps — Fire-fighting centrifugal pumps without primer — Part 1: Classification, general and safety requirements	31.12.2005	—	
CEN	EN 14710-2:2005 Fire-fighting pumps — Fire-fighting centrifugal pumps without primer — Part 2: Verification of general and safety requirements	31.12.2005	—	
CEN	EN ISO 14738:2002 Safety of machinery — Anthropometric requirements for the design of workstations at machinery (ISO 14738:2002)	14.8.2003	—	
CEN	EN 14861:2004 Forest machinery — Self propelled machinery — Safety requirements	31.12.2005	—	
CEN	EN ISO 14982:1998 Agricultural and forestry machines — Electromagnetic compatibility — Test methods and acceptance criteria (ISO 14982:1998)	15.10.1998	—	
CEN	EN ISO 15536-1:2005 Ergonomics — Computer manikins and body templates — Part 1: General requirements (ISO 15536-1:2005)	31.12.2005	—	
CEN	EN ISO 15744:2002 Hand-held non-electric power tools — Noise measurement code — Engineering method (grade 2) (ISO 15744:2002)	14.6.2003	—	
CEN	EN ISO 19432:2006 Building construction machinery and equipment — Portable, hand-held, internal combustion engine driven cut-off machines — Safety require- ments and testing (ISO 19432:2006)	This is the first publication	EN 1454:1997	30.9.2006
CEN	EN ISO 20643:2005 Mechanical vibration — Hand-held and hand-guided machinery — Prin- ciples for evaluation of vibration emission (ISO 20643:2005)	31.12.2005	EN 1033:1995	Date expired (31.12.2005)
CEN	EN ISO 22867:2006 Forestry machinery — Vibration test code for portable hand-held machines with internal combustion engine — Vibration at the handles (ISO 22867:2004)	This is the first publication	—	
CEN	EN ISO 22868:2005 Forestry machinery — Noise test code for portable hand-held machines with internal combustion engine — Engineering method (Grade 2 accu- racy) (ISO 22868:2005)	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 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)
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)	14.2.1996	—	
	EN 28662-5:1994/A1:1995	14.2.1996	Note 3	Date expired (29.2.1996)
	EN 28662-5:1994/A2:2001	20.4.2004	Note 3	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)	14.2.1996	—	
CENELEC	EN 50144-1:1998 Safety of hand-held electric motor operated tools — Part 1: General requirements	15.4.2000	—	
	EN 50144-1:1998/A1:2002	24.6.2003	Note 3	Date expired (31.12.2005)
	EN 50144-1:1998/A2:2003 Note 4	20.4.2004	Note 3	Date expired (31.12.2005)
CENELEC	EN 50144-2-3:2002 Safety of hand-held electric motor operated tools — Part 2-3: Particular requirements for grinders, disk type sanders and polishers	14.8.2003	—	
	EN 50144-2-3:2002/A1:2002	14.8.2003	Note 3	Date expired (31.12.2005)
	EN 50144-2-3:2002/A2:2003	20.4.2004	Note 3	Date expired (1.4.2006)
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	—	

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 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 50144-2-15:2001 Safety of hand-held electric motor operated tools — Part 2-15: Particular requirements for hedge trimmers	27.11.2001	—	
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	—	
CENELEC	EN 50338:2000 Safety of household and similar electrical appliances — Particular requirements for pedestrian controlled battery powered electrical lawnmowers	27.11.2001	—	
	EN 50338:2000/A1:2003	6.8.2005	Note 3	1.9.2006
CENELEC	EN 50416:2005 Household and similar electrical appliances — Safety — Particular requirements for commercial electric conveyor dishwashing machines	31.12.2006	—	
CENELEC	EN 60204-1:1997 Safety of machinery — Electrical equipment of machines — Part 1: General requirements (IEC 60204-1:1997)	20.5.2000	EN 60204-1:1992 Note 2.1	Date expired (1.7.2001)
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	—	

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 60335-1:1994 Safety of household and similar electrical appliances — Part 1: General requirements (IEC 60335-1:1991 (Modified)) Note 4 EN 60335-1:1994/A11:1995 EN 60335-1:1994/A15:2000 EN 60335-1:1994/A16:2001 EN 60335-1:1994/A1:1996 (IEC 60335-1:1991/A1:1994 (Modified)) EN 60335-1:1994/A12:1996 EN 60335-1:1994/A13:1998 EN 60335-1:1994/A14:1998 EN 60335-1:1994/A2:2000 (IEC 60335-1:1991/A2:1999)	15.4.2000 15.4.2000 10.3.2001 27.11.2001 15.4.2000 15.4.2000 15.4.2000 15.4.2000 27.11.2001	— Note 3 Note 3 Note 3 Note 3 Note 3 Note 3 Note 3	— — Date expired (15.4.2000) Date expired (15.4.2000) Date expired (1.12.2000) Date expired (1.7.2001) 1.8.2007
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/A1:2004 (IEC 60335-1:2001/A1:2004) EN 60335-1:2002/A11:2004	14.8.2003 31.12.2006 6.8.2005	EN 60335-1:1994 and its amendment Note 2.1 Note 3 Note 3	— 1.10.2007 1.10.2006
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 60335-2-77:2000 Safety of household and similar electrical appliances — Part 2-77: Particular requirements for pedestrian controlled mains-operated lawnmowers (IEC 60335-2-77:1996 (Modified))	27.11.2001	—	—
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	—	—

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 60335-2-92:2005 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))	This is the first publication	—	
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	
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))	20.4.2004	EN 50144-2-1:1999 + EN 50260-2-1:2002 Note 2.1	Date expired (31.12.2005)
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))	20.4.2004	EN 50144-2-2:1999 + EN 50260-2-2:2002 Note 2.1	Date expired (31.12.2005)
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))	20.4.2004	EN 50144-2-4:1999 + EN 50260-2-4:2002 Note 2.1	Date expired (1.2.2006)
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))	20.4.2004	EN 50144-2-6:2000 and its amendment + EN 50260-2-6:2002 Note 2.1	Date expired (1.2.2006)
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))	20.4.2004	—	
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))	20.4.2004	—	
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))	20.4.2004	EN 50144-2-10:2001 + EN 50260-2-10:2002 Note 2.1	Date expired (1.2.2006)

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 60745-2-14:2003 Hand-held motor-operated electric tools — Safety — Part 2-14: Particular requirements for planers (IEC 60745-2-14:2003 (Modified))	20.4.2004	EN 50144-2-14:2001 Note 2.1	Date expired (1.7.2006)
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))	20.4.2004	EN 50144-2-17:2000 + EN 50144-2-18:2000 + EN 50260-2-14:2002 Note 2.1	Date expired (31.12.2005)
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))	This is the first publication	—	
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))	This is the first publication	—	
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))	20.4.2004	—	
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	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	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	—	

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 61029-2-4:2003 Safety of transportable motor-operated electric tools — Part 2-4: Particular requirements for bench grinders (IEC 61029-2-4:1993 (Modified))	14.8.2003	—	
	EN 61029-2-4:2003/A1:2003 (IEC 61029-2-4:1993/A1:2001 (Modified))	20.4.2004	Note 3	The date of this publication
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 61310-1:1995 Safety of machinery — Indication, marking and actuation — Part 1: Requirements for visual, auditory and tactile signals (IEC 61310-1:1995)	15.4.2000	—	
CENELEC	EN 61310-2:1995 Safety of machinery — Indication, marking and actuation — Part 2: Requirements for marking (IEC 61310-2:1995)	15.4.2000	—	
CENELEC	EN 61310-3:1999 Safety of machinery — Indication, marking and actuation — Part 3: Requirements for the location and operation of actuators (IEC 61310-3:1999)	15.4.2000	—	
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	1.4.2007
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: rue de Stassart 36, B-1050 Brussels, Tel. (32-2) 550 08 11; fax (32-2) 550 08 19 (<http://www.cenorm.be>)

— CENELEC: rue de Stassart 35, B-1050 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 ⁽¹⁾ of the European Parliament and Council 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://europa.eu.int/comm/enterprise/newapproach/standardization/harmstds/>

⁽¹⁾ OJ L 204, 21.7.1998, p. 37.

⁽²⁾ OJ L 217, 5.8.1998, p. 18.