

Communication from the Commission in the framework of the implementation of Council Directive 89/686/EEC of 21 December 1989 in relation to personal protective equipment ⁽¹⁾, as amended by Directives 93/68/EEC ⁽²⁾, 93/95/EEC ⁽³⁾ and 96/58/EC ⁽⁴⁾

(2001/C 367/03)

(Text with EEA relevance)

(Publication of titles and references of European harmonised standards under the Directive)

ESO ⁽¹⁾	Reference	Title of the harmonised standards	First publication (OJ) ⁽²⁾
CEN	EN 132:1998	Respiratory protective devices — Definitions of terms and pictograms	4.6.1999
CEN	EN 133:1990	Respiratory protective devices — Classification	19.2.1992
CEN	EN 134:1998	Respiratory protective devices — Nomenclature of components	13.6.1998
CEN	EN 135:1998	Respiratory protective devices — List of equivalent terms	4.6.1999
CEN	EN 136:1998	Respiratory protective devices — Full-face masks: requirements, testing, marking	13.6.1998
CEN	EN 137:1993	Respiratory protective devices — Self-contained open-circuit compressed-air breathing apparatus — requirements, testing, marking	23.12.1993
CEN	EN 138:1994	Respiratory protective devices — Fresh air hose breathing apparatus for use with full face mask, half-mask or mouthpiece assembly — Requirements, testing, marking	16.12.1994
CEN	EN 139:1994	Respiratory protective devices — Compressed airline breathing apparatus for use with full face mask, half-mask or mouthpiece assembly — Requirements, testing, marking	30.8.1995
CEN	EN 139/A1:1999	Respiratory protective devices — Compressed airline breathing apparatus for use with a full face mask, half-mask or a mouthpiece assembly — Requirements, testing, marking — Amendment 1	5.11.1999
CEN	EN 140:1998	Respiratory protective devices — Half-masks and quarter-masks — Requirements, testing, marking	6.11.1998
CEN	EN 141:2000	Respiratory protective devices — Gas filters and combinets filters — Requirements, testing, marking	24.1.2001
CEN	EN 142:1989	Respiratory protective devices — Mouthpieces assemblies — Requirements, testing, marking	19.2.1992

⁽¹⁾ OJ L 399, 30.12.1989, p. 18.

⁽²⁾ OJ L 220, 30.8.1993, p. 1.

⁽³⁾ OJ L 276, 9.11.1993, p. 11.

⁽⁴⁾ OJ L 236, 18.9.1996, p. 44.

ESO (1)	Reference	Title of the harmonised standards	First publication (OJ) (2)
CEN	EN 143:2000	Respiratory protective devices — Particle filters — Requirements, testing, marking	24.1.2001
CEN	EN 144-1:2000	Respiratory protective devices — Gas cylinder valves — Thread connection for insert connector	24.1.2001
CEN	EN 144-2:1998	Respiratory protective devices — Gas cylinder valves — Part 2: Outlet connections	4.6.1999
CEN	EN 145:1997	Respiratory protective devices — Self-contained closed-circuit breathing apparatus compressed oxygen or compressed oxygen-nitrogen type — Requirements, testing, marking	19.2.1998
CEN	EN 145/A1:2000	Respiratory protective devices — Self-contained closed-circuit breathing apparatus compressed oxygen or compressed oxygen-nitrogen type — Requirements, testing, marking — Amendment 1	24.1.2001
CEN	EN 148-1:1999	Respiratory protective devices — Threads for facepieces — Part 1: Standard thread connection	4.6.1999
CEN	EN 148-2:1999	Respiratory protective devices — Threads for facepieces — Part 2: Centre thread connection	4.6.1999
CEN	EN 148-3:1999	Respiratory protective devices — Threads for facepieces — Part 3: Thread connection M 45 x 3	4.6.1999
CEN	EN 149:2001	Respiratory protective devices — Filtering half-masks to protect against particles — Requirements, testing, marking	This is the first publication

Warning: The presumption of conformity, conferred by standard EN 149 of 1991 published in the *Official Journal of the European Communities* C 240, 19.9.1992, ends from the date of this publication.

CEN	EN 165:1995	Personal eye protection — Vocabulary	15.5.1996
CEN	EN 166:1995	Personal eye protection — Specifications	3.12.1996
CEN	EN 167:1995	Personal eye protection — Optical test methods	10.10.1996
CEN	EN 168:1995	Personal eye protection — Non-optical test methods	10.10.1996
CEN	EN 169:1992	Personal eye protection — Filters for welding and related techniques — Transmittance requirements and recommended utilisation	23.12.1993
CEN	EN 170:1992	Personal eye protection — Ultraviolet filters — transmittance requirements and recommended use	23.12.1993
CEN	EN 171:1992	Personal eye protection — Infrared filters — transmittance requirements and recommended use	23.12.1993
CEN	EN 172:1994	Personal eye protection — Sunglare filters for industrial use	15.5.1996
CEN	EN 172/A1:2000	Personal eye protection — Sunglare filters for industrial use — Amendment 1	4.7.2000

ESO ⁽¹⁾	Reference	Title of the harmonised standards	First publication (OJ) ⁽²⁾
CEN	EN 174:2001	Personal eye protection — Ski goggles for downhill skiing	This is the first publication

Warning: The presumption of conformity, conferred by standard EN 174 of 1996 published in the *Official Journal of the European Communities* C 180, 14.6.1997, ends from the date of this publication.

CEN	EN 175:1997	Personal protection — Equipment for eye and face protection during welding and allied processes	19.2.1998
CEN	EN 207:1998	Personal eye protection — Filters and eye-protectors against laser radiation (laser-eyes protectors)	21.11.1998
CEN	EN 208:1998	Personal eye protection — Eye-protectors for adjustment work on lasers and laser systems (laser adjustment eye protectors)	21.11.1998
CEN	EN 250:2000	Respiratory equipment — Open-circuit self-contained compressed air diving apparatus — Requirements, testing, marking	8.6.2000
CEN	EN 269:1994	Respiratory protective devices — Powered fresh air hose breathing apparatus incorporating a hood — Requirements, testing, marking	16.12.1994
CEN	EN 270:1994	Respiratory protective devices — Compressed airline breathing apparatus incorporating a hood — Requirements, testing, marking	30.8.1995
CEN	EN 270/A1:2000	Respiratory protective devices — Compressed airline breathing apparatus incorporating a hood — Requirements, testing, marking — Amendment 1	8.6.2000
CEN	EN 271:1995	Respiratory protective devices — Compressed airline or powered fresh air hose breathing apparatus incorporating a hood for use in abrasive blasting operations — Requirements, testing, marking	12.1.1996
CEN	EN 271/A1:2000	Respiratory protective devices — Compressed airline or powered fresh air hose breathing apparatus incorporating a hood for use in abrasive blasting operations — Requirements, testing, marking — Amendment 1	8.6.2000
CEN	EN 340:1993	Protective clothing — General requirements.	16.12.1994
CEN	EN 341:1992	Personal protective equipment against falls from a height — Descender devices	23.12.1993
CEN	EN 341/A1:1996	Personal protective equipment against falls from a height — Descender devices — Amendment 1	6.11.1998
CEN	EN 344:1992	Requirements and test methods for safety, protective and occupational footwear for professional use	23.12.1993
CEN	EN 344/A1:1997	Requirements and test methods for safety, protective and occupational footwear for professional use — Amendment 1	19.2.1998
CEN	EN 344-2:1996	Safety, protective and occupational footwear for professional use — Part 2: Additional requirements and test methods	3.12.1996
CEN	EN 345:1992	Specification for safety footwear for professional use	23.12.1993

ESO (1)	Reference	Title of the harmonised standards	First publication (OJ) (2)
CEN	EN 345/A1:1997	Specification for safety footwear for professional use — Amendment 1	19.2.1998
CEN	EN 345-2:1996	Safety footwear for professional use — Part 2: Additional specifications	3.12.1996
CEN	EN 346:1992	Specification for protective footwear for professional use	23.12.1993
CEN	EN 346/A1:1997	Specification for protective footwear for professional use — Amendment 1	19.2.1998
CEN	EN 346-2:1996	Protective footwear for professional use — Part 2: Additional specifications	3.12.1996
CEN	EN 347:1992	Specification for occupational footwear for professional use	23.12.1993
CEN	EN 347/A1:1997	Specification for occupational footwear for professional use — Amendment 1	19.2.1998
CEN	EN 347-2:1996	Occupational footwear for professional use — Part 2: Additional specifications	14.6.1997
CEN	EN 348:1992	Protective clothing — Test method: determination of behaviour of materials on impact of small splashes of molten metal	23.12.1993
CEN	EN 352-1:1993	Hearing protectors — Safety requirements and testing — Part 1: ear-muffs	23.12.1993
CEN	EN 352-2:1993	Hearing protectors — Safety requirements and testing — Part 2: ear-plugs	23.12.1993
CEN	EN 352-3:1996	Hearing protectors — Safety requirements and testing — Part 3: ear-muffs attached to an industrial safety helmet	14.6.1997
CEN	EN 353-1:1992	Personal protective equipment against falls from a height — guided-type fall arresters — Part 1: guided-type fall arresters on a rigid anchorage line	23.12.1993
CEN	EN 353-2:1992	Personal protective equipment against falls from a height — guided-type fall arresters — Part 2: guided-type fall arresters on a flexible anchorage line	23.12.1993
CEN	EN 354:1992	Personal protective equipment against falls from a height — Lanyards	23.12.1993
CEN	EN 355:1992	Personal protective equipment against falls from a height — Energy absorbers	23.12.1993
CEN	EN 358:1999	Personal protective equipment for work positioning and prevention of falls from a height — Belts for work positioning and restraint and work positioning lanyards	This is the first publication
CEN	EN 360:1992	Personal equipment against falls from a height — Retractable type fall arresters	23.12.1993
CEN	EN 361:1992	Personal equipment against falls from a height — Full body harnesses	23.12.1993

Warning: The presumption of conformity, conferred by standard EN 358 of 1992 published in the *Official Journal of the European Communities* C 345, 23.12.1993, ends from the date of this publication.

ESO (1)	Reference	Title of the harmonised standards	First publication (OJ) (2)
CEN	EN 362:1992	Personal equipment against falls from a height — Connectors	23.12.1993
CEN	EN 363:1992	Personal equipment against falls from a height — Fall arrest systems	23.12.1993
CEN	EN 364:1992	Personal equipment against falls from a height — Test methods	23.12.1993
CEN	EN 365:1992	Personal equipment against falls from a height — General requirements for instructions for use and for marking	23.12.1993
CEN	EN 366:1993	Protective clothing — Protection against heat and fire — Method of test: Evaluation of materials and material assemblies when exposed to a source of radiant heat	16.12.1994
CEN	EN 367:1992	Protective clothing — Protection against heat and fire — Method of determining heat transmission on exposure to flame	23.12.1993
CEN	EN 368:1992	Protective clothing — Protection against liquid chemicals — Test method: resistance of materials to penetration by liquids	23.12.1993
CEN	EN 369:1993	Protective clothing — Protection against liquid chemicals — Test method: resistance of materials to permeation by liquids	23.12.1993
CEN	EN 371:1992	Respiratory protective devices — AX gas filters and combined filters against low-boiling point organic compounds — Requirements, testing, marking	23.12.1993
CEN	EN 372:1992	Respiratory protective devices — SX gas filters and combined filters against specific named compounds — Requirements, testing, marking	23.12.1993
CEN	EN 373:1993	Protective clothing — Assessment of resistance of materials to molten metal splash	23.12.1993
CEN	EN 374-1:1994	Protective gloves against chemicals and micro-organisms — Part 1: Terminology and performance requirements	16.12.1994
CEN	EN 374-2:1994	Protective gloves against chemicals and micro-organisms — Part 2: Determination of resistance to penetration	16.12.1994
CEN	EN 374-3:1994	Protective gloves against chemicals and micro-organisms — Part 3: Determination of resistance to permeation by chemicals	16.12.1994
CEN	EN 379:1994	Specification for welding filters with switchable luminous transmittance and welding filters with dual luminous transmittance	16.12.1994
CEN	EN 379/A1:1998	Specification for welding filters with switchable luminous transmittance and welding filters with dual luminous transmittance — Amendment 1	6.11.1998
CEN	EN 381-1:1993	Protective clothing for users of hand-held chain saws — Part 1: Test rig for testing resistance to cutting by a chainsaw	23.12.1993

ESO (1)	Reference	Title of the harmonised standards	First publication (OJ) (2)
CEN	EN 381-2:1995	Protective clothing for users of hand-held chain saws — Part 2: Test methods for leg protectors	12.1.1996
CEN	EN 381-3:1996	Protective clothing for users of hand-held chain-saws — Part 3: Test methods for footwear	10.10.1996
CEN	EN 381-4:1999	Protective clothing for users of hand-held chainsaws — Part 4: Test methods for chainsaw protective gloves	16.3.2000
CEN	EN 381-5:1995	Protective clothing for users of hand-held chain saws — Part 5: Requirements for leg protectors	12.1.1996
CEN	EN 381-7:1999	Protective clothing for users of hand-held chainsaws — Part 7: Requirements for chainsaw protective gloves	16.3.2000
CEN	EN 381-8:1997	Protective clothing for users of hand-held chain saws — Part 8: Test methods for chain saw protective gaiters	18.10.1997
CEN	EN 381-9:1997	Protective clothing for users of hand-held chain saws — Part 9: Requirements for chain saw protective gaiters	18.10.1997
CEN	EN 388:1994	Protective gloves against mechanical risks	16.12.1994
CEN	EN 393:1993	Lifejackets and personal buoyancy aids — Buoyancy aids — 50 N	16.12.1994
CEN	EN 393/A1:1998	Lifejackets and personal buoyancy aids — Buoyancy aids — 50 N — Amendment 1	6.11.1998
CEN	EN 394:1993	Lifejackets and personal buoyancy aids — Additional items	16.12.1994
CEN	EN 395:1993	Lifejackets and personal buoyancy aids — Lifejackets — 100 N	16.12.1994
CEN	EN 395/A1:1998	Lifejackets and personal buoyancy aids — Lifejackets — 100 N — Amendment 1	11.6.1998
CEN	EN 396:1993	Lifejackets and personal buoyancy aids — Lifejackets — 150 N	16.12.1994
CEN	EN 396/A1:1998	Lifejackets and personal buoyancy aids — Lifejackets — 150 N — Amendment 1	6.11.1998
CEN	EN 397:1995	Industrial safety helmets	12.1.1996
CEN	EN 397/A1:2000	Industrial safety helmets — Amendment 1	24.1.2001
CEN	EN 399:1993	Lifejackets and personal buoyancy aids — Lifejackets — 275 N	16.12.1994
CEN	EN 399/A1:1998	Lifejackets and personal buoyancy aids — Lifejackets — 275 N	6.11.1998
CEN	EN 400:1993	Respiratory protective devices for self-rescue — Self-contained closed-circuit breathing apparatus — compressed oxygen escape apparatus — Requirements, testing, marking	23.12.1993

ESO (1)	Reference	Title of the harmonised standards	First publication (OJ) (2)
CEN	EN 401:1993	Respiratory protective devices for self-rescue — Self-contained closed-circuit breathing apparatus — chemical oxygen (KO ₂) — escape apparatus — Requirements, testing, marking	23.12.1993
CEN	EN 402:1993	Respiratory protective devices for escape — Self-contained open-circuit compressed air breathing apparatus with full face mask or mouthpiece assembly — Requirements, testing, marking	16.12.1994
CEN	EN 403:1993	Respiratory protective devices for self-rescue — Filtering devices with hood for self-rescue from fire — Requirements, testing, marking	23.12.1993
CEN	EN 404:1993	Respiratory protective devices for self-rescue — Filter self-rescuer — Requirements, testing, marking	16.12.1994
CEN	EN 405:1992	Respiratory protective devices — valved filtering half-masks to protect against gases or gases and particles — Requirements, testing, marking	23.12.1993
CEN	EN 407:1994	Protective gloves against thermal risks (heat and/or fire)	16.12.1994
CEN	EN 412:1993	Protective aprons for use with hand-knives	23.12.1993
CEN	EN 420:1994	General requirements for gloves	16.12.1994
CEN	EN 421:1994	Protective gloves against ionising radiation and radioactive contamination	16.12.1994
CEN	EN 443:1997	Helmets for firefighters	19.2.1998
CEN	EN 458:1993	Hearing protectors — Recommendations for selection, use, care and maintenance — Guidance document	16.12.1994
CEN	EN 463:1994	Protective clothing for use against liquid chemicals — Test method: Determination of resistance to penetration by a jet of liquid (jet test)	16.12.1994
CEN	EN 464:1994	Protective clothing for use against liquid and gaseous chemicals including aerosols and solid particles — Test method: Determination of leak-tightness of gas-tight suits (internal pressure test)	16.12.1994
CEN	EN 465:1995	Protective clothing — Protection against liquid chemicals — Performance requirements for chemical protective clothing with spray-tight connections between different parts of the clothing (Type 4 equipment)	12.1.1996
CEN	EN 465/A1:1998	Protective clothing — Protection against liquid chemicals — Performance requirements for chemical protective clothing with spray-tight connections between different parts of the clothing (Type 4 equipment) — Amendment 1	4.6.1999
CEN	EN 466:1995	Protective clothing — Protection against liquid chemicals — Performance requirements for chemical protective clothing with liquid-tight connections between different parts of the clothing (Type 3 equipment)	12.1.1996

ESO (1)	Reference	Title of the harmonised standards	First publication (OJ) (2)
CEN	EN 466/A1:1998	Protective clothing — Protection against liquid chemicals — Performance requirements for chemical protective clothing with liquid-tight connections between different parts of the clothing (Type 3 equipment) — Amendment 1	4.6.1999
CEN	EN 467:1995	Protective clothing — Protection against liquid chemicals — Performance requirements for garments providing protection to parts of the body	14.6.1997
CEN	EN 467/A1:1998	Protective clothing — Protection against liquid chemicals — Performance requirements for garments providing protection to parts of the body — Amendment 1	4.6.1999
CEN	EN 468:1994	Protective clothing for use against liquid chemicals — Test method: Determination of resistance to penetration by spray (spray test)	16.12.1994
CEN	EN 469:1995	Protective clothing for fire-fighters — Requirements and test methods for protective clothing for firefighting	15.5.1996
CEN	EN 470-1:1995	Protective clothing for use in welding and allied processes — Part 1: General requirements	12.1.1996
CEN	EN 470-1/A1:1998	Protective clothing for use in welding and allied processes — Part 1: General requirements — Amendment 1	13.6.1998
CEN	EN 471:1994	High-visibility warning clothing	16.12.1994
CEN	EN 510:1993	Specification for protective clothing for use where there is a risk of entanglement with moving parts	16.12.1994
CEN	EN 511:1994	Protective gloves against cold	16.3.2000
CEN	EN 530:1994	Abrasion resistance of protective clothing material — Test methods	30.8.1995
CEN	EN 531:1995	Protective clothing for industrial workers exposed to heat (excluding firefighters' and welders' clothing)	6.11.1998
CEN	EN 531/A1:1998	Protective clothing for workers exposed to heat — Amendment 1	4.6.1999
CEN	EN 532:1994	Protective clothing — Protection against heat and flame — Test method for limited flame spread	12.1.1996
CEN	EN 533:1997	Protective clothing — Protection against heat and flame — Limited flame spread materials and material assemblies	14.6.1997
CEN	EN 568:1997	Mountaineering equipment — Ice anchors — Safety requirements and test methods	14.6.1997
CEN	EN 659:1996	Protective gloves for fire-fighters	10.10.1996
CEN	EN 702:1994	Protective clothing — Protection against heat and flame — Test method: Determination of the contact heat transmission through protective clothing or its materials	12.1.1996

ESO (1)	Reference	Title of the harmonised standards	First publication (OJ) (2)
CEN	EN 795:1996	Protection against falls from a height — Anchor devices — Requirements and testing	12.2.2000

Warning: This publication does not concern the equipment described in classes A (structural anchors), C (anchor devices employing horizontal flexible lines), and D (anchor devices employing horizontal rigid anchor rails) referred to in paragraphs 3.13.1, 3.13.3, 3.13.4, 4.3.1, 4.3.3, 4.3.4, 5.2.1, 5.2.2, 5.2.4, 5.2.5, 5.3.2 (in respect of class A 1), 5.3.3, 5.3.4, 5.3.5, 6 (in respect of classes A, C and D), Annex A (paragraphs A.2, A.3, A.5 and A.6), Annex B, and Annex ZA (in respect of classes A, C and D), in respect of which there shall be no presumption of conformity with the provisions of Directive 89/686/EEC.

CEN	EN 795/A1:2000	Protection against falls from a height — Anchor devices — Requirements and testing — Amendment 1	24.1.2001
CEN	EN 812:1997	Industrial bump caps	19.2.1998
CEN	EN 813:1997	Personal protective equipment for prevention of falls from a height — Sit harnesses	14.6.1997
CEN	EN 863:1995	Protective clothing — Mechanical properties — Test method: Puncture resistance	15.5.1996
CEN	EN 892:1996	Mountaineering equipment — Dynamic mountaineering ropes — Safety requirements and test methods	14.6.1997
CEN	EN 958:1996	Mountaineering equipment — Energy absorbing systems for use in <i>klettersteig</i> (via ferrata) climbing — Safety requirements and test methods	14.6.1997
CEN	EN 960:1994	Headforms for use in the testing of protective helmets	15.5.1996
CEN	EN 960/A1:1998	Headforms for use in the testing of protective helmets — Amendment 1	6.11.1998
CEN	EN 966:1996	Helmets for airborne sports	10.10.1996
CEN	EN 966/A1:2000	Helmets for airborne sports — Amendment 1	4.7.2000
CEN	EN 967:1996	Head protectors for ice hockey players	14.6.1997
CEN	EN 1061:1996	Respiratory protective devices for escape — Self-contained closed-circuit breathing apparatus — Chemical oxygen (NaClO ₃) escape apparatus — Requirements, testing, marking	14.6.1997
CEN	EN 1073-1:1998	Protective clothing against radioactive contamination — Part 1: Requirements and test methods for ventilated protective clothing against particulate radioactive contamination	6.11.1998
CEN	EN 1077:1996	Helmets for alpine skiers	10.10.1996
CEN	EN 1078:1997	Helmets for pedal cyclists and for users of skateboards and roller-skates	14.6.1997
CEN	EN 1080:1997	Impact protection helmets for young children	14.6.1997
CEN	EN 1082-1:1996	Protective clothing — Gloves and arm guards protection against cuts and stabs by hand knives — Part 1: Chain-mail gloves and arm guards	14.6.1997

ESO (1)	Reference	Title of the harmonised standards	First publication (OJ) (2)
CEN	EN 1082-2:2000	Protective clothing — Gloves and arm guards protection against cuts and stabs by hand knives — Part 2: Chain-mail gloves and arm guards	This is the first publication
CEN	EN 1082-3:2000	Protective clothing — Gloves and arm guards protecting against cuts and stabs by hand knives — Part 3: Impact cut test for fabric, leather and other materials	This is the first publication
CEN	EN 1095:1998	Deck safety harness and safety line for use on recreational craft — Safety requirements and test methods	6.11.1998
CEN	EN 1146:1997	Respiratory protective devices for self-rescue — Self-contained open-circuit compressed air breathing apparatus incorporating a hood (compressed air escape apparatus with hood) — Requirements, testing, marking	14.6.1997
CEN	EN 1146/A1:1998	Respiratory protective devices — Self-contained open-circuit compressed air breathing apparatus incorporating a hood (compressed air escape apparatus with hood) — Requirements, testing, marking — Amendment 1	4.6.1999
CEN	EN 1146/A2:1999	Respiratory protective devices — Self-contained open-circuit compressed air breathing apparatus incorporating a hood (compressed air escape apparatus with hood) — Requirements, testing, marking — Amendment 2	16.3.2000
CEN	EN 1149-1:1995	Protective clothing — Electrostatic properties — Part 1: Surface resistivity (Test methods and requirements)	10.10.1996
CEN	EN 1149-2:1997	Protective clothing — Electrostatic properties — Part 2: Test method for measurement of the electrical resistance through a material (vertical resistance)	19.2.1998
CEN	EN 1150:1999	Protective clothing — Visibility clothing for non-professional use — Test methods and requirements	4.6.1999
CEN	EN 1384:1996	Helmets for equestrian activities	14.6.1997
CEN	EN 1385:1997	Helmets for canoeing and white water sports	13.6.1998
CEN	EN 1486:1996	Protective clothing for firefighters — Test methods and requirements for reflective clothing for specialised fire-fighting	3.12.1996
CEN	EN 1621-1:1997	Motorcyclists' protective clothing against mechanical impact — Part 1: Requirements and test methods for impact protectors	13.6.1998
CEN	EN 1731:1997	Mesh-type eye and face protectors for industrial and non-industrial use against mechanical hazards and/or heat	14.6.1997
CEN	EN 1731/A1:1997	Mesh-type eye and face protectors for industrial and non-industrial use against mechanical hazards and/or heat — Amendment 1	13.6.1998
CEN	EN 1809:1997	Diving accessories — Buoyancy compensators — Functional and safety requirements, test methods	13.6.1998
CEN	EN 1827:1999	Respiratory protective devices — Half-masks without inhalation valves and with separable filters to protect against gases or gases and particles or particles only — Requirements, testing, marking	24.2.2001

ESO (1)	Reference	Title of the harmonised standards	First publication (OJ) (2)
CEN	EN 1835:1999	Respiratory protective devices — Light duty construction compressed airline breathing apparatus incorporating a helmet or a hood — Requirements, testing, marking	8.6.2000
CEN	EN 1836:1997	Personal eye protection — Sunglasses and sunglare filters for general use	14.6.1997
CEN	EN 1836/A1:2001	Personal eye protection — Sunglasses and sunglare filters for general use — Amendment 1	This is the first publication
CEN	EN 1868:1997	Personal protective equipment against falls from a height — List of equivalent terms	18.10.1997
CEN	EN 1891:1998	Personal protective equipment for the prevention of falls from a height — Low stretch kernmantel ropes	6.11.1998
CEN	EN 1938:1998	Personal eye protection — Goggles for motorcycle and moped users	4.6.1999
CEN	EN ISO 4869-2:1995	Acoustics — Hearing protectors — Part 2: Estimation of effective A-weighted sound pressure levels when hearing protectors are worn (ISO 4869-2:1994)	15.5.1996
CEN	EN ISO 10819:1996	Mechanical vibration and shock — Hand-arm vibration — Method for the measurement and evaluation of the vibration transmissibility of gloves at the palm of the hand (ISO 10819:1996)	3.12.1996
CEN	EN 12083:1998	Respiratory protective devices — Filters with breathing hoses, (Non-mask mounted filters) — Particle filters, gas filters and combined filters — Requirements, testing, marking	4.7.2000
CEN	EN 12270:1998	Mountaineering equipment — Chocks — Safety requirements and test methods	16.3.2000
CEN	EN 12275:1998	Mountaineering equipment — Connectors — Safety requirements and test methods	16.3.2000
CEN	EN 12276:1998	Mountaineering equipment — Frictional anchors — Safety requirements and test methods	24.2.2001
CEN	EN 12277:1998	Mountaineering equipment — Harnesses — Safety requirements and test methods	6.11.1998
CEN	EN 12278:1998	Mountaineering equipment — Pulleys — Safety requirements and test methods	6.11.1998
CEN	EN 12419:1999	Respiratory protective devices — Light duty construction compressed airline breathing apparatus incorporating a full face mask, half-mask or quarter mask — Requirements, testing, marking	5.11.1999
CEN	EN 12492:2000	Mountaineering equipment — Helmets for mountaineers — Safety requirements and test methods	This is the first publication
CEN	EN 12568:1998	Foot and leg protectors — Requirements and test methods for toecaps and metal penetration resistant inserts	6.11.1998
CEN	EN 12628:1999	Diving accessories — Combined buoyancy and rescue devices — Functional and safety requirements, test methods	4.7.2000

ESO (1)	Reference	Title of the harmonised standards	First publication (OJ) (2)
CEN	EN 12941:1998	Respiratory protective devices — Powered filtering devices incorporating a helmet or a hood — Requirements, testing, marking	4.6.1999
CEN	EN 12942:1998	Respiratory protective devices — Power assisted filtering devices incorporating full face masks, half-masks or quarter-masks — Requirements, testing, marking	4.6.1999
CEN	EN 13087-4:2000	Protective helmets — Test methods — Part 4: Retention system effectiveness	This is the first publication
CEN	EN 13087-5:2000	Protective helmets — Test methods — Part 5: Retention system strength	24.2.2001
CEN	EN 13087-8:2000	Protective helmets — Test methods — Part 8: Electrical properties	This is the first publication
CEN	EN 13087-10:2000	Protective helmets — Test methods — Part 10: Resistance to radiant heat	This is the first publication
CEN	EN 13158:2000	Protective clothing — Protective jackets, body and shoulder protectors for horse riders — Requirements and test methods	24.2.2001
CEN	EN 13178:2000	Personal eye protection — Eye protectors and for snow-mobile users	This is the first publication
CEN	EN 13274-1:2001	Respiratory protective devices — Methods of test — Part 1: Determination of inward leakage and total inward leakage	This is the first publication
CEN	EN 13274-2:2001	Respiratory protective devices — Methods of test — Part 2: Practical performance tests	This is the first publication
CEN	EN 13274-5:2001	Respiratory protective devices — Methods of test — Part 5: Climatic conditions	This is the first publication
CEN	EN 13277-1:2000	Protective equipment for martial arts — Part 1: General requirements and test methods	24.2.2001
CEN	EN 13277-2:2000	Protective equipment for martial arts — Part 2: Additional requirements and test methods for instep protectors, shin protectors and forearm protectors	24.2.2001
CEN	EN 13277-3:2000	Protective equipment for martial arts — Part 3: Additional requirements and test methods for trunk protectors	24.2.2001
CEN	EN 13356:2001	Visibility accessories for non-professional use — Test methods and requirements	This is the first publication
CEN	EN ISO 13997:1999	Protective clothing — Mechanical properties — Determination of resistance to cutting by sharp objects (ISO 13997:1999)	4.7.2000
CEN	EN ISO 14460:1999	Protective clothing for automobile racing drivers — Protection against heat and flame — Performance requirements and test methods (ISO 14460:1999)	16.3.2000

ESO ⁽¹⁾	Reference	Title of the harmonised standards	First publication (OJ) ⁽²⁾
CEN	EN 24869-1:1992	Acoustics — Hearing protectors — Part 1: Subjective method for the measurement of sound attenuation (ISO 4869-1:1990)	16.12.1994
CEN	EN 24869-3:1993	Acoustics — Hearing protectors — Part 3: Simplified method for the measurement of insertion loss of ear-muff type protectors for quality inspection purposes (ISO/TR 4869-3:1989)	16.12.1994
Cenelec	EN 50237:1997	Gloves and mitts with mechanical protection for electrical purposes	4.6.1999
Cenelec	EN 50286:1999	Electrical insulating protective clothing for low-voltage installations	16.3.2000
Cenelec	EN 50321:1999	Electrically insulating footwear for working on low-voltage installations	16.3.2000
Cenelec	EN 60743:1996	Terminology for tools and equipment to be used in live working (IEC 60743:1983 + A1:1995)	4.6.1999
Cenelec	EN 60895:1996	Conductive clothing for live working at a nominal voltage up to 800 kV a.c. (IEC 60895:1987 — Modified)	4.6.1999
Cenelec	EN 60903:1992	Specification for gloves and mitts of insulating material for live working (IEC 60903:1988 — Modified)	4.6.1999
Cenelec	EN 60903/A11:1997	Specification for gloves and mitts of insulating material for live working — Amendment 11	4.6.1999
Cenelec	EN 60984:1992	Sleeves of insulating material for live working (IEC 60984:1990 — Modified)	4.6.1999
Cenelec	EN 60984/A11:1997	Sleeves of insulating material for live working — Amendment 11	4.6.1999

⁽¹⁾ ESO (European standardisation organisation):

- CEN: rue de Stassart/Stassartstraat 36, B-1050 Brussels, tel. (32-2) 550 08 11, fax (32-2) 550 08 19,
- Cenelec: rue de Stassart/Stassartstraat 35, B-1050 Brussels, tel. (32-2) 519 68 71, fax (32-2) 519 69 19,
- ETSI: 650, route des Lucioles, F-06921 Sophia Antipolis Cedex, tel. (33-4) 92 94 42 00, fax (33-4) 93 65 47 16.

⁽²⁾ Date from which the use of this standard guarantees a presumption of conformity to the essential requirements it covers.

NOTE:

Any information concerning the availability of the standards can be obtained either from the European standardisation organisation 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 Communities* 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 Communities*.

The Commission ensures the updating of this list.

A complete updated list can be found on the Europa server in the Internet at:

<http://europa.eu.int/comm/enterprise/newapproach/standardization/harmstds/reflist/ppe.html>

⁽¹⁾ OJ L 204, 21.7.1998, p. 37.

⁽²⁾ OJ L 217, 5.8.1998, p. 18.