

Product Safety Standards

The following list is a sampling of product safety standards in the United States and Europe.

American National Standards Institute (ANSI)

ANSI N2.1:1994—Warning symbols—Radiation symbol.

ANSI N43.3:1993—General radiation safety—Installations using nonmedical x-ray and sealed gamma-ray sources, energies up to 10 MeV.

American Society of Agricultural Engineers (ASAE)

ASAE S441.2:1995—Safety signs.

ASAE S441.3:1999—Safety signs.

European Committee for Electrotechnical Standardization (CENELEC)

EN 614-1—Safety of machinery—Ergonomic design principles—Part 1: Terminology and general principles.

EN 626-1—Safety of machinery—Reduction of risks to health from hazardous substances emitted by machinery—Part 1: Principles and specifications for machinery manufacturers.

EN 626-2—Safety of machinery—Reduction of risk to health from hazardous substances emitted by machinery—Part 2: Methodology leading to verification procedures.

EN 692—Mechanical presses—Safety.

EN 710—Safety requirements for foundry moulding and core-making machinery and plant and associated equipment.

EN 730:1995—Gas welding equipment—Equipment used in gas welding, cutting, and allied processes, safety devices for fuel gases and oxygen or compressed air—General specifications, requirements, and tests.

EN 793—Particular requirements for safety of medical supply units.

EN 809—Pumps and pump units for liquids—Common safety requirements.

EN 869—Safety requirements for high-pressure metal die-casting units.

EN 954-1—Safety of machinery—Safety-related parts of control systems—Part 1: General principles for design.

EN 996—Piling equipment—Safety requirements.

EN 1070—Safety of machinery—Terminology.

EN 1987-3—Electrically propelled road vehicles—Specific requirements for safety—Part 3: Protection of users against electrical hazards.

EN 12547—Centrifuges—Common safety requirements.

EN 12626—Safety of machinery—Laser processing machines—Safety requirements (ISO 11553:1996, modified).

EN 41003:1999—Particular safety requirements for

equipment to be connected to telecommunications networks.

EN 45502-1—Active implantable medical devices—Part 1: General requirements for safety, marking, and information to be provided by the manufacturer.

EN 50019:2003—Electrical apparatus for potentially explosive atmospheres—Increased safety “e.”

EN 50020:2002—Electrical apparatus for potentially explosive atmospheres—Intrinsic safety “i.”

EN 50061—Medical electrical equipment—Safety of implantable cardiac pacemakers.

EN 50063:1989—Safety requirements for the construction and installation of equipment for resistance welding and allied processes.

EN 50065-1:2001—Signaling on low-voltage electrical installations in the frequency range of 3 kHz to 148.5 kHz—Part 1: General requirements, frequency bands, and electromagnetic disturbances.

EN 50087:1993—Safety of household and similar electrical appliances—Particular requirements for bulk-milk coolers.

EN 50088:1996 (R2005)—Safety of electric toys.

EN 50091-1:1993—Uninterruptible power systems (UPSs)—Part 1: General and safety requirements.

EN 50091-1-1:1997—Uninterruptible power systems (UPSs)—Part 1-1: General and safety requirements for UPSs used in operator access areas; Corrigendum: 2004.

EN 50091-1-2:1999 (R2000)—Uninterruptible power systems (UPSs)—Part 1-2: General and safety requirements for UPSs used in restricted access locations.

EN 50106:1997 (R2001)—Safety of household and similar electrical appliances—Particular rules for routine tests referring to appliances under the scope of EN 60335-1 and EN 60967.

EN 50116:1996—Information technology equipment—Routine electrical safety testing in production.

EN 50122-1:1998—Railway applications—Fixed installations—Part 1: Protective provisions relating to electrical safety and earthing.

EN 50144-1:1999—Safety of handheld electric motor-operated tools—Part 1: General requirements; Amendment 2:2003.

EN 50165:1997 (R2001)—Electrical equipment of nonelectric appliances for household and similar purposes—Safety requirements.

EN 60061-1:1997—Lamp caps and holders together with gauges for the control of interchangeability and safety—Part 1: Lamp caps; Amendment 7:2003.

EN 60061-2:1997—Lamp caps and holders together with gauges for the control of interchangeability and safety—Part 2: Lampholders; Amend-

ment 8:2004.

EN 60061-3:1997—Lamp caps and holders together with gauges for the control of interchangeability and safety—Part 3: Gauges; Amendment 9:2005.

EN 60065:2002—Audio, video, and similar electronic apparatus—Safety requirements; Corrigendum: 2003.

EN 60073:2002—Basic and safety principles for man-machine interface, marking, and identification—Coding principles for indication devices and actuators.

EN 60143-1:1993 (R1995)—Series capacitors for power systems—Part 1: General—Performance, testing, and rating—Safety requirements—Guide for installation.

EN 60204-1:1998—Safety of machinery—Electrical equipment of machines—Part 1: General requirements.

EN 60215:1996—Safety requirements for radio transmitting equipment; Amendment A1:1992 to EN 60215:1989; Amendment A:1994.

EN 60335-1:2002—Safety of household and similar electrical appliances—Part 1: General requirements.

EN 60432-1:2002—Safety specifications for incandescent lamps—Part 1: Tungsten filament lamps for domestic and similar general lighting purposes.

EN 60432-2:2000—Safety specifications for incandescent lamps—Part 2: Tungsten halogen lamps for domestic and similar lighting purposes; Reaffirmed: 2003.

EN 60491:1997—Safety requirements for electronic flash apparatus for photographic purposes.

EN 60598-2-19—Luminaires—Part 2: Particular requirements—Section 19: Air-handling luminaires—Safety requirements.

EN 60695-1-1:2000—Guidance for assessing fire hazard of electrotechnical products—General guidance.

EN 60799:1998—Cord sets—Nonrewirable cord sets for appliances—Safety requirements and test methods.

EN 60825-1:1994 (R2002)—Safety of laser products—Part 1: Equipment classification, requirements, and user's guide.

EN 60825-2:2000—Safety of laser products—Part 2: Safety of optical fiber communication systems.

EN 60922:1997—Auxiliaries for lamps—Ballasts for discharge lamps (excluding tubular fluorescent lamps)—General and safety requirements.

EN 60950:2000 (R2002)—Safety of information technology equipment.

EN 60967:1991 (R1999)—Safety of electrically heated blankets, pads, and similar flexible heating appliances for household use.

EN 60974-1:1998 (R2000)—Safety requirements for arc welding equipment—Part 1: Welding power sources.