



| Appendix B: Non-Government Standards Adopted by DOE | | |
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| Document Number | Document Title | |
| A 112.18.1M | Plumbing Fixture Fittings | |
| A 112.19.6 | Hydraulic Requirements for Water Closets and Urinals | |
| AA | Specifications for Aluminum Structures | |
| AA SAA-46-516124 | Standards for Anodized Architectural Aluminum | |
| AA STFA-601711 | The Surface Treatment and Finishing of Aluminum and Its Alloys | |
| AABC | National Standard for Total System Balance Air Distribution-Hydronic Systems-Sound-Vibration-Field Surveys for Energy Audits | |
| AAHC | Standards of the Accreditation Association for Ambulatory Health Care (AAAHC), Core and Adjunct Standards | |
| AAMA 1002.10 | Aluminum Insulating Storm Products for Windows and Sliding Glass Doors | |
| AAMA 1002.9 | Voluntary Specifications for Aluminum Combination Storm Windows for External Applications | |
| AAMA 101 | Voluntary Specifications for Aluminum Prime Windows and Sliding Glass Doors | |
| AAMA 101/I.S.2 | Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors | |
| AAMA 1102.7 | Voluntary Specifications for Aluminum Storm Doors | |
| AAMA 611 | Voluntary Standards for Anodized Architectural Aluminum | |
| AAMA 800 | Sealant Specifications for Use with Architectural Aluminum | |
| AASHTO BM-2 | Manual for Bridge Maintenance | |
| AASHTO GDHS-2 | A Policy on Geometric Design of Highways and Streets | |
| AASHTO GSDB | Guide Specification for Seismic Isolation Design | |
| AASHTO GSH | Guide Specifications for Highway Construction | |





| Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| AASHTO HB-13 (HB-15) | Standard Specifications for Highway Bridges |
| AASHTO HDG | Highway Drainage Guidelines |
| AASHTO LTS-1 (LTS-2) | Standard Specifications for Structural Supports for Highway Signs, Luminaries, and Traffic Signals |
| AASHTO SR | Highway Safety Design and Operations Guide |
| AASHTO T 104 | Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate |
| AASHTO T 11 | Amount of Material Finer Than 0.075 mm Sieve in Aggregate |
| AASHTO T 164 | Quantitative Extraction of Bitumin from Bituminous Paving Mixtures |
| AASHTO T 165 | Effect of Water on Cohesion of Compacted Bituminous Mixtures |
| AASHTO T 166 | Bulk Specific Gravity of Compacted Bituminous Mixtures |
| AASHTO T 167 | Compressive Strength of Bituminous Mixtures |
| AASHTO T 245 | Resistance to Plastic Flow of Bituminous Mixtures Using Marshall Apparatus |
| AASHTO T 258 | Standard Method of Test for Determining Expansive Soils |
| AASHTO T 27 | Sieve Analysis of Fine and Coarse Aggregates |
| AASHTO T 30 | Mechanical Analysis of Extracted Aggregate |
| AASHTO T 90 | Determining the Plastic Limit and Plasticity Index of Soils |
| AASHTO T 96 | Resistance to Abrasion of Small Size Coarse Aggregate by Use of the Los Angeles Machine |
| AASHTO T89 | Determining the Liquid Limit of Soils |
| AASHTO VLVLR | Guidelines for Geometric Design of Very Low-Volume Local Roads (ADT Less Than or Equal to 400) |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| ACGIH | Industrial Ventilation: A Manual of Recommended Practice |
| ACGIH TLVs | Threshold Limit Values for Chemical Substances and Physical Agents |
| ACI 207.1R | Mass Concrete |
| ACI 207.4R | Cooling and Insulating Systems for Mass Concrete |
| ACI 211.1 | Standard Practice for Selecting Proportions for Normal, Heavyweight, and Mass Concrete |
| ACI 211.2 | Standard Practice for Selecting Proportions for Structural Lightweight Concrete |
| ACI 214 | Evaluation of Strength Test Results of Concrete |
| ACI 216.1 | Standard Method for Determining Fire Resistance of Concrete and Masonry Construction Assemblies |
| ACI 301 | Structural Concrete for Buildings |
| ACI 304 (304R) | Guide for Measuring, Mixing, Transporting, and Placing Concrete |
| ACI 305R | Hot Weather Concreting |
| ACI 306R | Cold Weather Concreting |
| ACI 307 | Design and Construction of Reinforced Concrete Chimneys |
| ACI 308 | Curing Concrete |
| ACI 309 | Recommended Practice for Consolidation of Concrete |
| ACI 309R | Consolidation of Concrete |
| ACI 315R | Details and Detailing of Concrete Reinforcement |
| ACI 318 | Building Code Requirements for Reinforced Concrete |





| Non-Government Standards Adopted by DOE | | |
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| Document Number | Document Title | |
| ACI 336.2R | Suggested Analysis and Design Procedures for Combined Footing and Mats | |
| ACI 336.3R | Suggested Design and Construction Procedures for Pier Foundations | |
| ACI 347 | Formwork for Concrete, Fifth Edition | |
| ACI 349 | Code Requirements for Nuclear Safety Related Concrete Structures | |
| ACI 350-01 | Code Requirements for Environmental Engineering Concrete Structures | |
| ACI 350M-01 | Code Requirements for Environmental Engineering Concrete Structures (Metric Version) | |
| ACI 350R | Environmental Engineering Concrete Structures | |
| ACI 352R | Recommendations for Design of Beam-Column Joints in Monolithic Reinforced Concrete Structures | |
| ACI 503.4 | Standard Specifications for Repairing Concrete with Epoxy Mortars | |
| ACI 515.1R | Guide to the Use of Waterproofing, Damp Proofing, Protective, and Decorative Barrier Systems for Concrete | |
| ACI 530 | Building Code Requirements for Masonry Structures Specification for Masonry Structures and Commentary | |
| ACI 531 | Building Code Requirements for Concrete Masonry Structures | |
| ACI 531.1 | Specifications for Concrete Masonry | |
| ACI 543R | Recommendation for Design, Manufacture, and Installation of Concrete Piles | |
| ACI 546.1R | Guide for Repair of Concrete Bridge Superstructures | |
| ACI MCP 2005 | Manual of Concrete Practice (as applicable to the specific project) | |
| ACI SP-4 (347-89) | Formwork for Concrete | |
| ACI SP-66 | ACI Detailing Manual | |





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| Document Number | Document Title | |
| ACS PH1.28 | Archival Records, Silver-Gelatin Type or Cellulose Ester Base | |
| ACS PH1.41 | Archival Records, Silver-Gelatin Type on Polyester Base | |
| ACS PH1.53 | Processed Films, Plates, and Papers—Filing Enclosures and Containers for Storage | |
| AFMAN 91-201, Chapt. 2, Sect. A -E, G | A Explosives Safety Standards (Explosives Safety Requirements) | |
| AGA 1 | Requirements for Heat Reclaimer Devices for Use with Gas-Fired Appliances | |
| AGS G001 | Guideline for Gloveboxes, Second Edition | |
| AGS G002 | The Standard of Practice for the Design and Fabrication of Glovebags | |
| AGS G003 | The Standard of Practice for the Application of Linings to Gloveboxes | |
| AGS G005 | Standard of Practice for the Specification of Gloves for Gloveboxes | |
| AGS G006 | Standard of Practice for the Design and Fabrication of Nuclear-Application Gloveboxes | |
| AGS-G004-2014 | Standard of Practice for Leak Test Methodologies for Gloveboxes and other Enclosures | |
| AGS-G010-2011 | Standard of Practice for Glovebox Fire Protection | |
| AGS-G013-2011 | Guideline for Glovebox Ergonomics | |
| AIHA | Hygiene Guide Series | |
| AIHA | Industrial Noise Manual (see Noise and Hearing Conservation Manual) | |
| AIHA | Noise and Hearing Conservation Manual | |
| AIHA | The AIHA 2004 Emergency Response Planning Guidelines and Workplace Environmental Exposure Level Guides Handbook | |
| AIHA | Workplace Environmental Exposure Level Guides | |





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| Document Number | Document Title |
| AIHA-2004 | American Industrial Hygiene Association, 2004 Emergency Response Planning Guidelines (ERPG) Update Set |
| AIIM MS 5 | Microfiche |
| AIIM MS 9 | Aperture, Camera, Copy and Image Cards |
| AIIM MS14 | Specifications for 16 and 35 mm Roll Microfilm |
| AIIM MS23 | Practice for Operational Procedures/Inspection and Quality Control of First Generation Silver—Gelatin Microfilm of Documents |
| AIIM MS43 | Recommended Practice for Operational Procedures/Inspection and Quality Control of Duplicate Microforms of Documents and From COM |
| AISC | Code of Standard Practice for Steel Buildings and Bridges |
| AISC | Detailing for Steel Construction |
| AISC M 011 (M016-89) | Manual of Steel Construction Allowable Stress Design Ninth Edition |
| AISC N 690 (S327-84) | Nuclear Facilities—Steel Safety-Related Structures for Design, Fabrication and Erection |
| AISC N690-2012 | American National Standard Specification for the Design, Fabrication, and Erection of Steel Safety-Related Structures for Nuclear Facilities |
| AISC S 326 (S328-86) | Specification for Structural Steel Building Load and Resistance Factor Design |
| AISI | Manual for Structural Application of Steel Cables for Buildings |
| AISI SG-673 | Specifications for the Design of Cold-Formed Steel Structural Members |
| AMA OOCH-213 | Scope, Objectives, and Functions of Occupational Health Programs |
| AMA OOCH-290 | Epidemiology in Occupational Disease and Injury |
| AMCA 201 | Fans and Systems |
| AMCA 210 | Laboratory Methods for Testing Fans for Ratings |





| Non-Government Standards Adopted by DOE | | |
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| Document Number | Document Title | |
| AMCA 261 | Directory of Products Licensed to Bear the AMCA Certified Rating Seal | |
| AMCA 99 | Standards Handbook | |
| American Industrial Hygiene Association, 2004 | Emergency Response Planning Guidelines (ERPG) Update Set | |
| ANS 8.20 | Nuclear Criticality Safety Training | |
| ANS-2.16 | Criteria for Modeling Design-Basis Accidental Releases from Nuclear Facilities | |
| ANSI 156.12-2005 | Grade 1, Mortise Locksets | |
| ANSI 156.2-2003 | Grade 1, Bored and Preassembled Locks and Latches | |
| ANSI 2.3-1967 | Immediate Evacuation Signal for Use in Industrial Installations Where Radiation Exposure May Occur | |
| ANSI 92.3 | Manually Propelled Elevating Aerial Platforms | |
| ANSI 92.5 | Boom-supported Elevating Work Platforms | |
| ANSI 92.6 | Self-Propelled Elevating Work Platforms | |
| ANSI A 1.5 | Safety Requirements for Material Hoists | |
| ANSI A 10.31 | Construction and Demolition | |
| ANSI A 10.33-1992 | Safety and Health Program Requirements for Multi-Employer Projects | |
| ANSI A 108.1 | Installation of Ceramic Tile with Portland Cement Mortar | |
| ANSI A 115 | Door and Frame Preparation | |
| ANSI A 115.1 | Door and Frame Preparation for Mortise Door Locks for 1-3/4-inch Doors | |
| ANSI A 13.1 | Scheme for the Identification of Piping Systems | |





| Appendix B: Non-Government Standards Adopted by DOE | | |
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| Document Number | Document Title | |
| ANSI A 14.1-1994 | Ladders—Portable Wood—Safety Requirements | |
| ANSI A 14.2-1990 | Safety Requirements for Portable Metal Ladders | |
| ANSI A 14.3-1992 | Ladders—Fixed—Safety Requirements | |
| ANSI A 14.5-1992 | Ladders—Portable Reinforced Plastic—Safety Requirements | |
| ANSI A 156 | Hardware | |
| ANSI A 156.1 | Butts and Hinges | |
| ANSI A 156.2 | American National Standard for Bored and Preassembled Locks and Latches | |
| ANSI A 156.3 | Exit Devices | |
| ANSI A 156.4 | Door Controls (Closers) | |
| ANSI A 156.6 | Architectural Door Trim | |
| ANSI A 156.8 | Door Controls - Overhead Stops and Holder | |
| ANSI A 216.1 | Sectional Overhead Type Doors (ANSI/NAGDM 102) | |
| ANSI A 39.1 | Safety Requirements for Window Cleaning | |
| ANSI A 58.1 | Building Code Requirements for Minimum Design Loads in Buildings and Other Structures | |
| ANSI A 92.2 | Vehicle-Mounted Elevating and Rotating Aerial Device | |
| ANSI A92.1 | Manually Propelled Mobile Ladder Stands And Scaffolds (Towers) | |
| ANSI A92.2 | Vehicle-Mounted Elevating And Rotating Aerial Devices | |
| ANSI A92.6 | Self-Propelled Elevating Work Platforms | |





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| Document Number | Document Title |
| ANSI AWS F3.2 | Ventilation Guide for Weld Fume |
| ANSI B 1.1 | Unified Inch Screw Threads (UN and UNR Thread Form) |
| ANSI B 18.22.1 | Plain Washers |
| ANSI B 30 Series | Cranes |
| ANSI B 31.2 | Petroleum Refining Piping |
| ANSI B 31.4 | Liquid Petroleum Transportation Piping System |
| ANSI B 46.1 | Surface Texture, Surface Roughness, Waviness and Lay |
| ANSI B114.1 | Slow-moving Vehicle Identification Emblem (ASAE S 276.7) |
| ANSI B149.1 | Dehumidifiers |
| ANSI B30.21 (1994) | Manually Operated Hoists (design specifications only) |
| ANSI B30.5 (1995) | Mobile and Locomotive Cranes (design specifications only) |
| ANSI B30.9 (1992) | Slings (equipment design specifications only) |
| ANSI B38.1 | Method of Testing for Household Refrigerators, Combination Refrigerator Freezers and Household Freezers |
| ANSI B56.1 | Safety Standard for Low Lift and High Lift Trucks |
| ANSI B56.1 | Safety Standard for Low Fit and High Fit Trucks |
| ANSI B56.6 | Rough Terrain Forklift Trucks |
| ANSI B93.114M | Pneumatic Fluid Power - Systems Standard for Industrial Machinery |
| ANSI C 136 | Roadway Lighting |





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| Document Number | Document Title | |
| ANSI C 2 | National Electric Safety Code | |
| ANSI C 57 | Distribution, Power and Regulating Transformers | |
| ANSI C 82 | For Reference Ballasts for Fluorescent Lamps | |
| ANSI C 82.2 | Fluorescent Lamp BallastsMethods of Measurement | |
| ANSI C 84.1 | Electric Power Systems And Equipment-Voltage Ratings (60 Hertz) | |
| ANSI C 95.1 | Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 300 KHZ to 100 GHZ | |
| ANSI C16.13 | Monochrome Television Broadcast Receivers | |
| ANSI C2 | American National Standards Institute on Safety (NESC) | |
| ANSI C78.1 | For Fluorescent LampsRapid Start TypesDimensional and Electrical Characteristics | |
| ANSI C78.2 | For Fluorescent LampsPreheat Start TypesDimensional and Electrical Characteristics | |
| ANSI C78.21 | Incandescent LampsPAR and R Shapes | |
| ANSI C78.3 | For Fluorescent LampsInstant Start and Cold-Cathode TypesDimensional and Electrical Characteristics | |
| ANSI C78.375 | For Fluorescent LampsGuide for Electrical Measurements | |
| ANSI C79.1 | Nomenclature for Glass Bulbs Intended for Use with Electric Lamps | |
| ANSI CGA G-7.1 | Commodity Specifications for Air | |
| ANSI D 12.1 | Roadway Lighting (see IES RP8) | |
| ANSI D 6.1e | Manual on Uniform Traffic Control Devices for Streets and Highways | |
| ANSI D6 1989 | Manual on Uniform Traffic Control Devices | |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| ANSI G 7.1 | Commodity Specification for Air, Third Edition |
| ANSI N 101.6 | Standards for Concrete Radiation Shields |
| ANSI N 12.1 | Warning Symbols-Fissile Material Symbol |
| ANSI N 13.1 | Guide for Sampling Airborne Radioactive Materials in Nuclear Facilities |
| ANSI N 13.11 | Dosimetry-Personnel Dosimetry Performance-Criteria For Testing |
| ANSI N 13.14 | Internal Dosimetry Programs for Tritium Exposure—Minimum Requirements |
| ANSI N 13.15 | Radiation Detectors—Personnel Thermoluminescence Dosimetry Systems—Performance |
| ANSI N 13.2 | Guide to Administrative Practices in Radiation Monitoring |
| ANSI N 13.27 | Performance Requirements for Pocket-Sized Alarm Dosimeters and Alarm Rate Meters |
| ANSI N 13.3 | Dosimetry for Criticality Accidents |
| ANSI N 13.30-1996 | Performance Criteria for Radiobioassay |
| ANSI N 13.4-1983 | Specifications of Portable X- or Gamma Radiation Survey Instruments |
| ANSI N 13.41-1997 | Criteria for Performing Multiple Dosimetry |
| ANSI N 13.5 | Performance Specifications for Direct Reading and Indirect Reading Pocket Dosimeters for X and Gamma Radiation |
| ANSI N 13.6 | Practice for Occupational Radiation Exposure Record Systems |
| ANSI N 13.7 | Radiation Protection—Photographic Film Dosimeters—Criteria for Performance |
| ANSI N 1342 | Dosimetry |
| ANSI N 14.1 | Nuclear Materials—Uranium Hexafluoride—Packaging for Transport |





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| Document Number | Document Title |
| ANSI N 14.2 | Commercial Vehicle Standards |
| ANSI N 14.27-1993 | Carrier and Shipper Responsibilities and Emergency Response Procedures for Highway Transportation Accidents |
| ANSI N 14.29-1988 | Guide for Writing Operating Manuals for Packaging |
| ANSI N 14.30-1992 | Design, Fabrication, and Maintenance of Semi-Trailers Employed in the Transport of Weight-Concentrated Radioactive Loads |
| ANSI N 14.36- 2013 | Measurement of Radiation Level and Surface Contamination for Packages and Conveyances |
| ANSI N 14.5 | Radioactive Materials—Leakage Tests on Packages for Shipment |
| ANSI N 14.6-1993 | Radioactive Materials, Special Lifting Devices for Shipping Containers Weighing 10,000 pounds (4500 kg) or More |
| ANSI N 14.6-1993 | Special Lifting Devices for Shipping Containers Weighing 10,000 (4500kg) or More Pounds |
| ANSI N 15.1 | Classification of Unirradiated Uranium Scrap |
| ANSI N 15.10 | Nuclear Materials - Classification of Unirradiated Plutonium Scrap |
| ANSI N 15.18 | Mass Calibration Techniques for Control |
| ANSI N 15.18 | Nuclear Materials - Mass Calibration Techniques for Nuclear Material Control |
| ANSI N 15.19 | Nuclear Material Control—Volume Calibration Techniques for Nuclear Material Control |
| ANSI N 15.28-91 | Nuclear Materials Control - Guide for Qualification and Certification of Safeguards and Security Personnel |
| ANSI N 15.36 | Nuclear Materials—Nondestructive Assay Measurement Control and Assurance |
| ANSI N 15.41 | Nuclear Facilities—Derivation of Measurement Control Programs—General Principles |
| ANSI N 15.51 | Nuclear Materials Management—Measurement Control Program—Nuclear Materials Analytical Chemistry Laboratory |
| ANSI N 15.54 | Instrumentation—Radiometric Calorimeters - Measurement Control Program |





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| Document Number | Document Title |
| ANSI N 15.56 | Measurement Program Administrative Practices for NDA Measurement of Nuclear Material In-Situ |
| ANSI N 15.8 | Material Control Systems Special Nuclear Material Control and Accounting Systems for Nuclear Power Plants |
| ANSI N 2.1 | Radiation Symbol |
| ANSI N 2.3-1979 | Immediate Evacuation Signal for Use In Industrial Installations Where Radiation Exposures May Occur |
| ANSI N 278.1-1975 (R 1992) | Self-Operated and Power-Operated Safety-Related Valves Functional Specification Standard |
| ANSI N 317 | Performance Criteria for Instrumentation Used for Inplant Plutonium Monitoring |
| ANSI N 319 | Personnel Neutron Dosimeters (Neutron Energies less than 20 MeV) |
| ANSI N 320-1979 (R1993) | Performance Specifications for Reactor Emergency Radiological Monitoring Instrumentation |
| ANSI N 322 | Inspection and Test Specifications for Direct and Indirect Reading Quartz Fiber Pocket Dosimeters |
| ANSI N 323A-1997 | Radiation Protection Instrumentation Test and Calibrations |
| ANSI N 323B-2003 | Radiation Protection Instrumentation Test & Calibration, Portable Survey Instrumentation for Near Background Operation |
| ANSI N 323C-2009 | Radiation Protection Instrumentation Test & Calibration, Air Monitoring Instruments |
| ANSI N 343 | Internal Dosimetry for Mixed Fission and Activation Products |
| ANSI N 42.14-1999 (R2004) | American National Standard for Calibration and Use of Germanium Spectrometers for the Measurement of Gamma-Ray Emission Rates of Radionuclides |
| ANSI N 42.17A | Performance Specifications for Health Physics Instrumentation - Portable Instrumentation for Use in Normal Environmental Conditions |
| ANSI N 42.17B | Radiation Instrumentation Performance Specifications for Health Physics Instrumentation-Occupational Airborne Radioactivity Monitoring Instrumentation |
| ANSI N 42.17C | Radiation Instrumentation Performance Specifications for Health Physics Instrumentation—Portable Instrumentation for Use in Extreme Environmental Conditions |
| ANSI N 42.18 | Specification and Performance of On-Site Instrumentation for Continuously Monitoring Radioactivity in Effluents |





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| Document Number | Document Title |
| ANSI N 42.22-1995 (R2002) | Traceability of Radioactive Sources to the National Institute of Standards and Technology (NIST) and Associated Instrument Quality Control |
| ANSI N 42.23 | American National Standard Measurement and Associated Instrumentation Quality Assurance for Radioassay Laboratories |
| ANSI N 42.25-1997 | Calibration & Usage of Alpha/Beta Proportional Counters |
| ANSI N 42.34-2003 | Performance Criteria for Hand-held Instruments for the Detection and Identification of Radionuclides |
| ANSI N 43.1 | Radiological Safety in the Design and Operation of Particle Accelerators |
| ANSI N 43.10 | Safe Design and Use of Panoramic Wet Source Storage Gamma Irradiators (Category IV) |
| ANSI N 43.2 | Radiation Safety for X-Ray Diffraction and Fluorescence Analysis Equipment |
| ANSI N 43.3 | General Radiation Safety—Installations Using Non-Medical X-Ray and Sealed Gamma-Ray Sources, Energies up to 10 MeV |
| ANSI N 43.5 | Radiological Safety Standard for the Design of Radiographic and Fluoroscopic Industrial X-Ray Equipment |
| ANSI N 43.6 | Sealed Radioactive Sources |
| ANSI N 43.8 | Classification of Industrial Ionizing Radiation Gaging Devices |
| ANSI N 43.9 | American National Standard for Gamma Radiography—Specifications for Design and Testing of Apparatus |
| ANSI N 510 | Testing of Nuclear Air-Cleaning Systems |
| ANSI N 512 | Protective Coatings (Paint) for the Nuclear Industry |
| ANSI N 542 | Sealed Radioactive Sources |
| ANSI N 545 | Thermoluminescence Dosimetry: Environmental Applications, Performance, Testing, and Specifications |
| ANSI N 8.3-1979 | Criticality Accident Alarm |
| ANSI N15-36 1994 | Nondestructive Assay Measurement Control and Assurance |





| | Appendix B: Non-Government Standards Adopted by DOE |
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| Document Number | Document Title |
| ANSI N15.36- 1994 | Nondestructive Assay Measurement Control and Assurance |
| ANSI S 3.34 | American National Standard Guide for the Measurement and Evaluation of Human Exposure to Vibration Transmitted to the Hand |
| ANSI S 3.6 | Specification for Audiometers |
| ANSI S3.19-1974 | Laboratory Safety Supply |
| ANSI \$82.01 | Standard for Instrumentation |
| ANSI X 3.135 | Database Language SQL |
| ANSI X 3.136 | Serial Recorded Magnetic Tape Cartridge for Information Interchange |
| ANSI X 3.205 | Helical-Scan Digital Computer Tape Cartridge 3.81 mm DATA/DAT, for Information Interchange |
| ANSI X 3.40 | Information Systems—Unrecorded Magnetic Tape for Information Exchange |
| ANSI X 3.54 | Recorded Magnetic Tape for Information Interchange 6250 bpi, Group Coded Recording |
| ANSI X 3.55 | Recorded Magnetic Tape for Information Interchange 1600 bpi, Phase Encoded |
| ANSI X 3.85 | One Half Inch Magnetic Tape Interchange Using a Self-Loading Cartridge |
| ANSI X 4.16 | Size and Placement of Security Badges (Inactive) |
| ANSI X 9.17 | Financial Institution Key Management |
| ANSI Y 1.1 | Abbreviations for Use on Drawings and in Text |
| ANSI Y 14.1 | Drawing Sheet Size and Format |
| ANSI Y 14.15 | General Electronic Diagrams |
| ANSI Y 14.2 | Surface Texture Symbols |





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| Document Number | Document Title |
| ANSI Y 14.5M | Dimensioning and Tolerancing |
| ANSI Y 32.14 | Graphic Symbols for Logic Functions |
| ANSI Y 32.16 | Reference Designators (schematics and PCB) |
| ANSI Y 32.2 | Graphic Symbols for Electrical and Electronics Diagrams |
| ANSI Z 1030 | Power Tools |
| ANSI Z 11.182 | Standard Method of Test for Smoke Density in the Flue Gases from Distillate Fuels reapproved 1971 (ASTM D2156-65(1975)) |
| ANSI Z 117.1 | Safety Requirements for Working in Tanks and Other Confined Spaces |
| ANSI Z 124.2-1995 | Plastic Shower Receptors and Shower Stalls |
| ANSI Z 133.1-2000 | American National Standard for Arboricultural Operations - Pruning, Repairing, Maintaining, and Removing Trees, and Cutting Brush |
| ANSI Z 136.1 | Safe Use of Lasers |
| ANSI Z 136.1-2007 | American National Standard for Safe Use of Lasers |
| ANSI Z 136.2-1997 | Safe Use of Optical Fiber Communication Systems Utilizing Laser Diode and LED Sources 10/01/97 |
| ANSI Z 21.10.1 | Gas Automatic Storage Type Water Heaters |
| ANSI Z 21.10.3 | Gas Water Heaters, Volume III, Storage with Input Ratings Above 75,000 Btu's per Hour, Circulating and Instantaneous Water Heaters |
| ANSI Z 21.11.1 | Gas-Fired Room Heaters, Volume I, Vented Room Heaters |
| ANSI Z 21.13 | Gas-Fired Low Pressure Steam and Hot Water Heating Boilers including addenda Z21.13a-69 and Z21.13b-94 |
| ANSI Z 21.17 | Domestic Gas Conversion Burners Including Z21.17a-90 |
| ANSI Z 21.20 | Automatic Gas Ignition Systems and Components |





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| Document Number | Document Title |
| ANSI Z 21.21 | Automatic Valves for Gas Appliances (Including Z21.21a-89) |
| ANSI Z 21.44 | Gas-Fired Gravity and Fan Type Direct Vent Wall Furnaces |
| ANSI Z 21.47 | Gas-Fired Central Furnaces (including Z21.47a-88 and Z21.47b-89) |
| ANSI Z 21.48 | Gas-Fired Gravity and Fan Type Floor Furnaces |
| ANSI Z 21.49 | Gas-Fired Gravity and Fan Type Vented Wall Furnaces |
| ANSI Z 21.56 | Gas-Fired Pool Heaters (including addenda Z21.56a-96) |
| ANSI Z 21.59 | Gas-Fired high Pressure Steam and Hot Water Heating Boilers |
| ANSI Z 21.66 | Automatic Vent Damper Devices for Use with Gas-Fired Appliances |
| ANSI Z 21.67 | Mechanically-Actuated Automatic Vent Damper Devices for Use with Gas-Fired Appliances |
| ANSI Z 21.68 | Thermally-Actuated Automatic Vent Damper Devices for Use with Gas-Fired Appliances |
| ANSI Z 21.71 | Automatic Intermittent Pilot Ignition systems for Field Installation (including Z21.71a-85 and Z21.71b-89) |
| ANSI Z 21.8 | Installation of Domestic Gas Conversion Burners |
| ANSI Z 223.1 | National Fuel Code Including Appendices H, I, J, and K |
| ANSI Z 224.1 | Performance Evaluation Procedures for Household Washers |
| ANSI Z 234.1 | Room Air Conditioners |
| ANSI Z 235.1 | Appliance Humidifier Standard |
| ANSI Z 358.1 | Emergency Eyewash and Shower Equipment |
| ANSI Z 359.1-1992 | Safety Requirements for Personal Fall Arrest Systems, Subsystems and Components |





| Appendix B: Non-Government Standards Adopted by DOE | | |
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| Document Number | Document Title | |
| ANSI Z 39.14 | Writing Abstracts | |
| ANSI Z 39.18 | Information Sciences—Scientific and Technical Reports—Organization, Preparation, and Production | |
| ANSI Z 39.29 | Bibliographic References | |
| ANSI Z 39.32 | Microfiche Headings | |
| ANSI Z 39.59 | Electronic Manuscript Preparation and Markup | |
| ANSI Z 39.67 | Computer Software Description | |
| ANSI Z 39.72 | CD-ROM Standard Format for Submission of Data for Multimedia CD-ROM Mastering | |
| ANSI Z 41-1991 | Personal Protection—Protective Footwear | |
| ANSI Z 49.1 | Safety in Welding, Cutting and Allied Processes | |
| ANSI Z 535.1-1991 | Environmental and Facility Safety Signs | |
| ANSI Z 535.2 | Environmental and Facility Signs | |
| ANSI Z 535.3-1991 | Criteria for Safety Symbols, 10/01/97 | |
| ANSI Z 535.5 | Safety Tags and Barricade Tapes | |
| ANSI Z 540-1-1994 | Calibration - Calibration Laboratories and Measuring and Test Equipment - General Requirements | |
| ANSI Z 540.1 | Calibration Laboratories and Measuring and Test Equipment General Requirements | |
| ANSI Z 83.8 | Gas Unit Heater and Gas-Fired Duct Furnaces | |
| ANSI Z 83.9 | Gas-Fired Duct Furnaces (including addenda Z83.9a-92) | |
| ANSI Z 87.1 | Practice for Occupational/Educational Eye and Face Protection Devices | |





| Appendix B: Non-Government Standards Adopted by DOE | | |
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| Document Number | Document Title | |
| ANSI Z 87.1-1989 | Practice for Occupational and Educational Eye and Face Protection | |
| ANSI Z 88.2 | Respiratory Protection | |
| ANSI Z 88.2-1992 | Respiratory Protection Handbook | |
| ANSI Z 88.6 | Physical Qualifications for Respirator Use | |
| ANSI Z 89.1-1997 | Industrial Head Protection | |
| ANSI Z 9.2 | Fundamentals governing the Design and Operation of Local Exhaust Ventilation Systems [IBR 29 1910.94; 1910.124, 1910.261] | |
| ANSI Z 9.2-1979 | Fundamentals Governing the Design and Operation of Local Exhaust Systems | |
| ANSI Z 9.5-1992 | American National Standard for Laboratory Ventilation | |
| ANSI Z 91.1 | Performance Requirements for Oil-Powered Central Furnaces | |
| ANSI Z 91.2 | Performance Requirements for Automatic Pressure Oil Burners of the Mechanical Draft Type | |
| ANSI Z 96.1 | Oil-Fired Central Furnaces | |
| ANSI Z 96.2 | Oil Burners | |
| ANSI Z 96.3 | Oil-Fired Boiler Assemblies | |
| ANSI Z136.1-2000 | Laser Eye Exam | |
| ANSI Z236.8 | Safe Use of Lasers in Research, Development, or Testing | |
| ANSI Z308.1-2003 | American National Standard for Minimum Requirements for Workplace First Aid Kits and Supplies | |
| ANSI Z33.1 | Installation of Blower and Exhaust Systems for Dust, Stock, and Vapor Removal or Conveying | |
| ANSI Z359 | American National Standard for Fall Protection | |





| | Non-Government Standards Adopted by DOE |
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| Document Number | Document Title |
| ANSI Z41.1 | Personal Protection - Protective Footwear |
| ANSI Z535.4 | Product Safety Signs and Labels; a.k.a. NEMA Z535.4 |
| ANSI Z9.1 | Practices for Ventilation and Operation of Open-Surface Tanks |
| ANSI-/ANS 8.3-1997 | Criticality Accident Alarm System |
| ANSI/ACI 349-85 | Code Requirements for Nuclear Safety Related Concrete Structures (ACI 349-85) and Commentary (ACI 349R-85) |
| ANSI/AIHA Z 9.10 | Fundamentals Governing Design and Operation of Dilution Ventilation Systems in Industrial Occupancies |
| ANSI/AIHA Z 9.11 | Laboratory Decommissioning |
| ANSI/AIHA Z 9.3 | Spray Finishing Operations: Safety Code for Design, Construction and Ventilation |
| ANSI/AIHA Z 9.4 | Abrasive-Blasting Operations - Ventilation and Safe Practices for Fixed Location Enclosures |
| ANSI/AIHA Z 9.6 | Exhaust Systems for Grinding, Polishing, and Buffing |
| ANSI/AIHA Z 9.7 | Recirculation of Air from Industrial Process Exhaust Systems |
| ANSI/AIHA Z9.5-2003 | American National Standard for Laboratory Ventilation |
| ANSI/AIIM MS-32-1996 | Standard Recommended Practice - Microrecording of Engineering Source Document on 35mm Microfilm |
| ANSI/AIIM MS-41-1996 | Dimensions of Unitized Microfilm Carriers and Apertures (Aperture, Camera, Copy and Image Cards) |
| ANSI/AIIM MS-45-90 | Recommended Practice for Inspection of Stored Silver Gelatin Microforms for Evidence of Deterioration |
| ANSI/AIM-BC1-1995 | Uniform Symbology Specification |
| ANSI/AISC N690-1994 | Specifications for the Design, Fabrication, and Erection of Steel Safety-Related Structures for Nuclear Facilities |
| ANSI/AMS-2.5 | Standards for Onsite Meteorological Monitoring Program |





| | Appendix B: Non-Government Standards Adopted by DOE |
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| Document Number | Document Title |
| ANSI/ANS 8.1 | Nuclear Criticality Safety in Operations with Fissionable Materials Outside Reactors. |
| ANSI/ANS 8.22 | Limiting and Control of Moderators |
| ANSI/ANS 8.23 | Emergency Planning and Response |
| ANSI/ANS 8.7-1998 | Nuclear Criticality Safety in the Storage of Fissile Materials |
| ANSI/ANS-1 | Conduct of Critical Experiments |
| ANSI/ANS-10.3 | Guidelines for the Documentation of Digital Computer Programs |
| ANSI/ANS-10.4 | Verification and Validation of Scientific and Engineering Computer Programs for the Nuclear Industry |
| ANSI/ANS-11.13 | Concrete Radiation Shields (replaced by ANS 11-1987) (Inactive) |
| ANSI/ANS-11.16 | Design Guides for Radioactive Material Handling Facilities and Equipment |
| ANSI/ANS-14.1 | Operation of Fast Pulse Reactors |
| ANSI/ANS-15-21 | Standard Format and Content for Safety Analyses Reports for Small Research Reactors |
| ANSI/ANS-15.1 | Development of Technical Specifications for Research Reactors |
| ANSI/ANS-15.11 | Radiation Protection at Research Reactor Facilities |
| ANSI/ANS-15.12 | Design Objectives for and Monitoring of Systems Controlling Research Reactor Effluents (incorporated into ANS 15.11) (Inactive) |
| ANSI/ANS-15.15 | Criteria for the Reactor Safety System of Research Reactors |
| ANSI/ANS-15.16 | Emergency Planning for Research Reactors |
| ANSI/ANS-15.18 | Administrative Controls for Research Reactors |
| ANSI/ANS-15.2 | Quality Control for Plate-Type Uranium-Aluminum Fuel Elements |





| | Appendix B: Non-Government Standards Adopted by DOE |
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| Document Number | Document Title |
| ANSI/ANS-15.3 | Records and Reports for Research Reactors (incorporated into ANS 15.1) (Inactive) |
| ANSI/ANS-15.4 | Selection and Training of Personnel for Research Reactors |
| ANSI/ANS-15.8 | Quality Assurance Program Requirements for Research Reactors |
| ANSI/ANS-19.4 | Guidelines for the Verification and Validation of Scientific and Engineering Computer Programs for the Nuclear Industry |
| ANSI/ANS-19.61 | Startup Physics Tests for Pressurized Water Reactors |
| ANSI/ANS-2.17 | Evaluation of Radionuclide Transport in Ground Water for Nuclear Power Sites |
| ANSI/ANS-2.2 | Earthquake Instrumentation Criteria for Nuclear Power Plants |
| ANSI/ANS-2.26-2004 | Categorization of nuclear facility structures, systems, and components for seismic design. |
| ANSI/ANS-2.27-2008 | Criteria for investigations of nuclear facility sites for seismic hazard assessments. |
| ANSI/ANS-2.29-2008 | Probabilistic seismic hazards analysis. |
| ANSI/ANS-2.3-2011 | Estimating tornado, hurricane, and extreme straight line wind characteristics at nuclear facility sites. |
| ANSI/ANS-3.1 | Selection, Qualification, and Training of Personnel for Nuclear Power Plants |
| ANSI/ANS-3.1-1987 | Selection, Qualification and Training of Personnel for Nuclear Power Plants |
| ANSI/ANS-3.2 | Quality Assurance Requirements for Operating Nuclear Power Plants |
| ANSI/ANS-3.2-1994 | Administrative and Quality Assurance Requirements for Operating Nuclear Power Plants. |
| ANSI/ANS-3.4 | Medical Certification and Monitoring of Personnel Requiring Operator Licenses for Nuclear Power Plants |
| ANSI/ANS-3.5 | Nuclear Power Plant Simulators for Use in Operator Training |
| ANSI/ANS-3.7.2 | Emergency Control Centers for Nuclear Power Plants (replaced by ANS 3.8.2) |





| | Appendix B: Non-Government Standards Adopted by DOE |
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| Document Number | Document Title |
| ANSI/ANS-4.5 | Criteria for Accident Monitoring Functions in Light-Water-Cooled Reactors |
| ANSI/ANS-41.5-2012 | Verification and Validation of Radiological Data for Use in Waste Management and Environmental Remediation |
| ANSI/ANS-5.1 | Decay Heat Power in Light Water Reactors |
| ANSI/ANS-54.1 | General Safety Design Criteria for a Liquid Metal Reactor Nuclear Power Plant |
| ANSI/ANS-54.2 | Design Basis for Facilities for LMFBR Spent Fuel Storage in Liquid Metal Outside the Primary Coolant Boundary |
| ANSI/ANS-57.2 | Design Requirements for Light Water Reactor Spent Fuel Storage Facilities at Light Water Reactor Plants |
| ANSI/ANS-57.3 | Design Requirements for New Fuel Storage Facilities at Light Water Reactor Plants |
| ANSI/ANS-59.1 | Nuclear Safety-Related Cooling Water Systems in Nuclear Power Plants |
| ANSI/ANS-59.2-1985 | Safety Criteria for Nuclear Power Plants HVAC Systems Located Outside Primary Containment, American National Standards Institute |
| ANSI/ANS-59.3 | Safety-Related Control Air Systems |
| ANSI/ANS-59.51 | Fuel Oil Systems for Standby Diesel Generators |
| ANSI/ANS-6.4 | Guidelines on Nuclear Analysis and Design of Concrete Radiation Shielding for Nuclear Power Plants |
| ANSI/ANS-6.4.2 | Specification for Radiation Shielding Materials |
| ANSI/ANS-6.4.3 | Gamma-Ray Attenuation Coefficients and Buildup Factors for Engineering Materials |
| ANSI/ANS-8.1 | Nuclear Criticality Safety in Operations with Fissionable Materials Outside Reactors |
| ANSI/ANS-8.1-1998, R2007 | Nuclear Criticality Safety in Operations with Fissionable Materials Outside Reactors |
| ANSI/ANS-8.10 | Criteria for Nuclear Criticality Safety Controls in Operations with Shielding and Confinement |
| ANSI/ANS-8.12 | Nuclear Criticality Control and Safety of Plutonium-Uranium Fuel Mixtures Outside Reactors |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| ANSI/ANS-8.14 | Use of Soluble Neutron Absorbers in Nuclear Facilities Outside Reactors |
| ANSI/ANS-8.15 | Nuclear Criticality Control of Special Actinide Elements |
| ANSI/ANS-8.17 | Criticality Safety Criteria for the Handling, Storage and Transportation of LWR Fuel Outside Reactors |
| ANSI/ANS-8.19 | Administrative Practices for Nuclear Criticality Safety |
| ANSI/ANS-8.20 | Nuclear Criticality Safety Training |
| ANSI/ANS-8.21 | Use of Fixed Neutron Absorbers in Nuclear Facilities Outside Reactors |
| ANSI/ANS-8.22 | Nuclear Criticality Safety Based on Limiting and Controlling Moderators |
| ANSI/ANS-8.23 | Nuclear Criticality Accident Emergency Planning and Response |
| ANSI/ANS-8.24-2007 | Validation of Neutron Transport Methods for Nuclear Criticality safety Calculations |
| ANSI/ANS-8.26-2007 | Criticality Safety Engineer Training and Qualification Program |
| ANSI/ANS-8.3 | Criticality Accident Alarm System |
| ANSI/ANS-8.5 | Use of Borosilicate-Glass Raschig Rings as a Neutron Absorber in Solutions of Fissile Material |
| ANSI/ANS-8.6 | Safety in Conducting Subcritical Neutron-Multiplication Measurements In Situ |
| ANSI/ANS-8.7 | Guide for Nuclear Criticality Safety in the Storage of Fissile Materials |
| ANSI/ANS-8.9 | Nuclear Criticality Safety Criteria for Steel-Pipe Intersections Containing Aqueous Solutions of Fissile Material |
| ANSI/API-620-1998 | Rules for Design and Construction of Large, Welded, Low-Pressure Storage Tanks |
| ANSI/ASME A 17.2.1 | Inspectors Manual for Electric Elevators |
| ANSI/ASME A 17.2.2 | Inspectors Manual for Hydraulic Elevators |





| Appendix B: Non-Government Standards Adopted by DOE | | |
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| Document Number | Document Title | |
| ANSI/ASME A 17.3 | Existing Elevators and Escalators | |
| ANSI/ASME A 17.5 | Elevator and Escalator Electrical Equipment | |
| ANSI/ASME B 31 | National Boiler Inspection (Piping) Code | |
| ANSI/ASME B16.5-1998 | Pipe Flanges and Flanged Fittings (Includes Revision Service) | |
| ANSI/ASME B18.18.1-1987 (R1994) | Inspection and Quality Assurance for General Purpose Fasteners | |
| ANSI/ASME B18.18.2M-1987 (R1993) | Inspection and Quality Assurance for High-Volume Machine Assembly Fasteners | |
| ANSI/ASME B18.18.3M-1987 (R1993) | Inspection and Quality Assurance for Special Purpose Fasteners | |
| ANSI/ASME B18.18.4M-1987 (R1993) | Inspection and Quality Assurance for Fasteners for Highly Specialized Engineering Applications | |
| ANSI/ASME B30.11-1993 | Monorails and Underhung Cranes | |
| ANSI/ASME B30.16-1993 | Overhead Hoists (Underhung) | |
| ANSI/ASME B30.17-1992 | Overhead and gantry cranes (top running bridge, single girder, underhung hoists) | |
| ANSI/ASME B30.18-1993 | Stacker Cranes (Top or Under Running Bridge, Multiple Girder with Top or Under Running Trolley Hoist) | |
| ANSI/ASME B30.2-1996 | Overhead and gantry cranes, top running bridge single or multiple girder top running trolley hoist | |
| ANSI/ASME B30.2-1996 (R 1998) | Overhead and Gantry Cranes | |
| ANSI/ASME B56.1-1993 | Low-Lift and High-Lift Trucks | |
| ANSI/ASME B73.1M-1991 (R 1992) | Horizontal End Suction Centrifugal Pumps for Chemical Process | |
| ANSI/ASME B73.2M-1991 | Specifications for Vertical In-Line Centrifugal Pumps for Chemical Process | |





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| Document Number | Document Title | |
| ANSI/ASME B96.1-1993 | Welded Aluminum-Alloy Storage Tanks | |
| ANSI/ASME NOG-1-1998 | Rules for Construction of Overhead and Gantry Cranes (Top Running Bridge, Multiple Girder) | |
| ANSI/ASME Y 32.4 | Graphic Symbols for Plumbing Fixtures for Diagrams Used in Architecture and Building Construction | |
| ANSI/ASQ Z1.4-2003 | Sampling Procedures and Tables for Inspection by Attributes | |
| ANSI/ASQ Z1.9-2003 | Sampling Procedures and Tables for Inspection by Variables for Percent Nonconforming | |
| ANSI/ASQC Q10011-1-1994 | Guidelines for Auditing Quality Systems—Auditing | |
| ANSI/ASQC Q10011-2-1994 | Guidelines for Auditing Quality Systems—Qualification Criteria for Quality Systems Auditors | |
| ANSI/ASQC Q10011-3-1994 | Guidelines for Auditing Quality Systems—Management of Audit Programs | |
| ANSI/ASQC Q9001-1994 | Quality Systems-Model for Quality Assessment in Design/Development, Production, Installation and Servicing | |
| ANSI/ASQC Z1.4-1993 | Sampling Procedures and Tables for Inspection by Attributes | |
| ANSI/ASQZ 1.13-1999 | Quality Guidelines for Research | |
| ANSI/ASTM C852-93 (R 1997) | Standard Guide for Design Criteria for Plutonium Gloveboxes | |
| ANSI/AWWA C651 | American Water Works Association AWWA C651-14 Disinfecting Water Mains | |
| ANSI/AWWA C652 | American Water Works Association C652-92: AWWA Standard for Disinfection of Water-Storage Facilities | |
| ANSI/AWWA C653 | Disinfection of Water Treatment Plants | |
| ANSI/AWWA C654 | Disinfection of Wells | |
| ANSI/CABO A 117.1 | Specifications for Making Buildings and Facilities Accessible to and Usable by Physically Handicapped People | |
| ANSI/CGA | Compressed Gas Association | |





| Non-Government Standards Adopted by DOE | | |
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| Document Number | Document Title | |
| ANSI/CGA G-7.1-1989 | Commodity Specification | |
| ANSI/EIA 748-B | Standard for Earned Value Management Systems intent guide | |
| ANSI/EIA 748A 1998 | Earned Value Management Systems | |
| ANSI/EIA-649-B | Standard for Configuration Management | |
| ANSI/EIA-649-B | Standard for Configuration Management | |
| ANSI/EIA-748-B | Earned Value Management Systems (EVMS) | |
| ANSI/HFS 100-1988 | Human Factors Engineering of Visual Display Terminal Workstations | |
| ANSI/HPS N 13.32- | Performance Testing of Extremity Dosimeters | |
| ANSI/HPS N 13.32-2008 | Performance Testing of Extremity Dosimeters | |
| ANSI/HPS N13.1-1999 | Sampling and Monitoring Releases of Airborne Radioactive Substances from the Stacks and Ducts of Nuclear Facilities | |
| ANSI/HPS N13.12-1999 | Surface and Volume Radioactivity Standards for Clearance | |
| ANSI/HPS N13.22-2013 | Bioassay Programs for Uranium | |
| ANSI/HPS N13.30-2011 | Performance Criteria for Radiobioassay | |
| ANSI/HPS N13.39-2001 | Design of Internal Dosimetry Programs | |
| ANSI/HPS N13.42-1997 | Internal Dosimetry for Mixed Fission and Activation Products | |
| ANSI/HPS N13.49-2001 | Performance and Documentation of Radiological Surveys | |
| ANSI/HPS N13.52-1999 (R2010) | Personnel Neutron Dosimeters (Neutron Energies Less Than 20 MeV) | |
| ANSI/HPS N13.54-2008 | Fetal Radiation Dose Calculations | |





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| Document Number | Document Title | |
| ANSI/HPS N43.14-2011 | Radiation Safety for Active Interrogation Systems for Security Screening of Cargo, Energies up to 100 MEV | |
| ANSI/IEEE 1008 | Standard for Software Testing | |
| ANSI/IEEE 1012-1986 | IEEE Standard for Software Verification and Validation Plans | |
| ANSI/IEEE 1028 | Standard for Software Reviews | |
| ANSI/IEEE 1042 | Guide to Software Configuration Management | |
| ANSI/IEEE 1050-1989 (R 1996) | IEEE Guide for Instrumentation and Control Equipment Grounding in Generating Stations | |
| ANSI/IEEE 1228 | Standard for Software Safety Plans | |
| ANSI/IEEE 323-1990 (R 1996) | IEEE Standard for Qualifying Class 1E Equipment for Nuclear Power Generating Stations | |
| ANSI/IEEE 334-1994 | IEEE Standard for Qualifying Continuous Duty Class 1E Motors for Nuclear Power Generating Stations | |
| ANSI/IEEE 338-1987 (R 1993) | IEEE Standard for Criteria for the Periodic Surveillance Testing of Nuclear Power Generating Station Safety | |
| ANSI/IEEE 383-1974 (R 1992) | IEEE Standard for Type Test of Class 1E Electric Cables, Field Splices, and Connections for Nuclear Power Generating Station | |
| ANSI/IEEE 535-1986 (R 1994) | IEEE Standard for Qualification of Class 1E Lead Storage Batteries for Nuclear Power Generating Stations | |
| ANSI/IEEE 577-1976 (R 1993) | IEEE Standard Requirements for Reliability Analysis in the Design and Operation of Safety Systems for Nuclear Power Generating Stations | |
| ANSI/IEEE 628-1987 (R 1993) | IEEE Standard Criteria for the Design, Installation, and Qualification of Raceway Systems for Class 1E Circuits for Nuclear Power Generating Stations | |
| ANSI/IEEE 649-1991 | IEEE Standard for Qualifying Class 1E Motor Control Centers for Nuclear Power Generating Stations | |
| ANSI/IEEE 650-1991 | IEEE Standard for Qualification of Class 1E Static Battery Chargers and Inverters for Nuclear Power Generating Stations | |
| ANSI/IEEE 7-4.3.2 | Standard Criteria for Digital Computers in Safety Systems for Nuclear Power Generating Stations | |
| ANSI/IEEE 830-1984 | Recommended Practice for Software Requirements Specifications | |





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| Document Number | Document Title | |
| ANSI/IEEE 833-1988 (R 1994) | IEEE Recommended Practice for the Protection of Electric Equipment in Nuclear Power Generating Stations from Water Hazards | |
| ANSI/IEEE 934-1987 (R 1993) | Requirements for Replacement Parts for Class 1E Equipment in Nuclear Power Generating Stations | |
| ANSI/IEEE 944-1986 (R 1996) | IEEE Recommended Practice for the Application and Testing of Uninterruptible Power Supplies for Power Generating Stations | |
| ANSI/IEEE 946-1993 | IEEE Recommended Practice for the Design of DC Auxiliary Power Systems for Generating Stations | |
| ANSI/IEEE C2-1997 | National Electrical Safety Code 05/01/00 | |
| ANSI/IEEE C37 series | Circuit Breakers, Switchgears, Substations, and Fuses | |
| ANSI/IEEE C95.1 | Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Magnetic Fields, 3kHz to 300 GHz | |
| ANSI/IEEE C95.1-2005 | Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields | |
| ANSI/IEEE N 323-1978 | Radiation Protection Instrumentation Test and Calibration | |
| ANSI/IEEE N 42.18-1980 | Specification and Performance of On-Site Instrumentation for Continuously Monitoring Radioactivity in Effluents | |
| ANSI/IES RP7 | Lighting Industrial Facilities, ANSI approved | |
| ANSI/IES RP7-2001 | Industrial Lighting | |
| ANSI/ISA SP75.01 | Control Valve Sizing Equations | |
| ANSI/ISEA 101 | American National Standard for Limited-Use and Disposal Coveralls - Size and Labeling Requirements | |
| ANSI/ISEA 107 | American National Standard for High Visibility Safety Apparel and Headwear | |
| ANSI/ISEA 207 | American National Standard for High Visibility Public Safety Vests | |
| ANSI/ISO 14001- 2015 | Environmental Management System – Requirements with guidance for use | |
| ANSI/ISO 14001-2004 | Environmental Management System — Specification with guidance for use | |





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|---|--|--|
| Document Number | Document Title | |
| ANSI/ISO 14001-2015 | Environmental Management System – Requirements with guidance for use | |
| ANSI/ISO/ASQ Q9001:2000 | Quality Management Systems: Requirements | |
| ANSI/ISO/ASQC Q10012-1-1992 | Quality Assurance Requirements for Measuring Equipment, Part 1: Meteorological Confirmation System for Measuring Equipment | |
| ANSI/ISO/ASQC-14001-1996 | Environmental Management Systems - Specification with Guidance for Use | |
| ANSI/ISO/ASQC-14004-1996 | Environmental Management Systems - General Guidelines on Principles, Systems, and Supporting Techniques | |
| ANSI/ISO/ASQC-14010-1996 | Guidelines for Environmental Auditing - General Principles | |
| ANSI/ISO/ASQC-14011-1996 | Guidelines for Environmental Auditing - Audit Procedures - Auditing of Environmental Management Systems | |
| ANSI/ISO/ASQC-14012-1996 | Guidelines for Environmental Auditing - Qualification Criteria for Environmental Auditors | |
| ANSI/ISO/ASQC-Q9001-1994 | Quality Systems - Model for Quality Assurance in Design/Development, Production, Installation, and Servicing. | |
| ANSI/ISO/ASQC-Q9002-1994 | Quality Systems -Model for Quality Assurance in Production and Installation. | |
| ANSI/ISO/ASQC-Q9004-1994 | Quality Management and Quality System Elements - Guidelines | |
| ANSI/ISO/IEC 17025-2005 | General requirements for the competence of testing and calibration laboratories | |
| ANSI/ITSDF 856.1 | Safety Standard for Powered Industrial Trucks - Low Lift and High Lift Trucks | |
| ANSI/ITSDF 856.6 | Rough Terrain Fork Lift Trucks | |
| ANSI/ITSDF B 56.10 | Safety Standard for Manually Propelled High Lift Industrial Trucks | |
| ANSI/ITSDF B56.1-2005 | Industrial Truck Standards Development Foundation - Safety Standard for Low Lift and High Lift Trucks | |
| ANSI/ITSDF B56.10 | Safety Standard for Manually Propelled High Lift Industrial Trucks | |
| ANSI/NB-23 | National Board Inspection Code (NBIC) | |





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| Document Number | Document Title |
| ANSI/NBIC NB-23 | National Board Inspection Code |
| ANSI/NCSL Z540-1-1994 | American National Standard for Calibration - Calibration Laboratories and Measuring and Test Equipment - General Requirements |
| ANSI/NCSL Z540-1-1997 | Calibration Laboratories and Measuring and Test Equipment, General Requirements |
| ANSI/NCSL Z540-2-1997 | Expressing Uncertainty- US Guide to the Expression of Uncertainty in Measurement |
| ANSI/NCSL Z540.3 | Calibration Laboratories and Measuring and Test Equipment - General Requirements |
| ANSI/NFPA 58 | Liquefied Petroleum Gas Code |
| ANSI/NFPA 70E | Electrical Safety Requirements for Employee Work Places, 1995 |
| ANSI/PIMA IT9.2-1998 | American National Standard for Imaging Materials - Photographic Processed Films, Plates, and Papers - Filing Enclosures and Storage Containers |
| ANSI/SAE A 92.2 | American National Standard for Vehicle-Mounted Elevating and Rotating Aerial Devices |
| ANSI/SIA A92.2 (1990) | American National Standard for Vehicle-Mounted Elevating and Rotating Aerial Devices (equipment design specification only) |
| ANSI/UL 558 | Internal Combustion Engine Powered Industrial Trucks |
| ANSI/UL 583 | Electric Battery Powered Industrial Trucks |
| ANSI/UL 726 | Oil-Fired Boiler Assemblies, 7th Edition |
| АРНА | Methods of Air Sampling and Analysis |
| API 12P | Specification for Fiberglass Reinforced Plastic Tanks |
| API 1631 | Interior Lining and Periodic Inspection of Underground Storage Tanks |
| API 1632 | Cathodic Protection of Underground Petroleum Storage Tanks and Piping Systems |
| API 5 (2005) | Service Station Safety, Accident Prevention Manual |





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| Document Number | Document Title |
| API 610 | Centrifugal Pumps for Petroleum, Petrochemical and Natural Gas Industries |
| API 620 | Design and Construction of Large, Welded, Low-Pressure Storage Tanks |
| API 650 | Welded Steel Tanks for Oil Storage, Eighth Edition |
| API 674 | Positive Displacement Pumps - Reciprocating |
| API 675 | Positive Displacement Pumps - Controlled Volume |
| API PR 98 | California State Petroleum Safety Order on Drilling Safety (Waiver that applies in California) |
| API Pub 1615 | Installation of Underground Petroleum Storage Systems |
| API RP 579 | Fitness for Service |
| API RP 750 | Management of Process Hazards, American Petroleum Institute Recommended Practice |
| API RP-54 | Safety for Gas and Oil Well Drilling |
| AREA | Manual for Railway Engineering (Fixed Properties) |
| ARI 1010 | Drinking-Fountains and Self-Contained Mechanically-Refrigerated Drinking Water Coolers |
| ARI 210 | Standard for Unitary Air Conditioning Equipment |
| ARI 240 | Standard for Air-Source Unitary Heat Pump Equipment |
| ARI 280 | Standard for Central Forced-Air Electric Heating Equipment |
| ARI 310/380 | Packaged Terminal Air-Conditioners and Heat Pumps |
| ARI 320 | Standard for Water Source Heat Pumps |
| ARI 325 | Ground Water-Source Heat Pumps |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| ARI 330 | Ground-Source Closed-Loop Heat Pumps |
| ARI 340/360 | Commercial and Industrial Unitary Air-Conditioning and Heat Pump Units |
| ARI 365 | Commercial and Industrial Unitary Air-Conditioning Condensing Units |
| ARI 410 | Forced-Circulation Air-Cooling and Air-Heating Coils |
| ARI 430 | Central-Station Air-Handling Units |
| ARI 450 | Remote Type Water-Cooled Refrigerant Condensers |
| ARI 460 | Remote Mechanical-Draft Air-Cooled Refrigerant Condensers |
| ARI 470 | Desuperheater/Water Heater |
| ARI 520 | Positive Displacement Refrigerant Compressors, Compressor Units and Condensing Units |
| ARI 550 | Centrifugal or Rotary Screw Water Chilling Packages |
| ARI 560 | Absorption Water-Chilling and Water Heating Packages |
| ARI 590 | Positive Displacement Compressor Water-Chilling Packages |
| ARI 610 | Standard for Central System Humidifiers |
| ARI 850 | Commercial and Industrial Air Filter Equipment |
| ARMA | Guide to Preparing Built-up Roofing Specifications |
| ARMA | Recommended Performance Criteria for Roofing Membrane using Polymer Modified Betuminoces Products (Inactive) |
| ARMA | Residential Asphalt Roofing Manual |
| ARMA 800 | Sealant Selection and Installation (Inactive) |





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| Document Number | Document Title |
| AS 9100, Quality Management Systems | Requirements for Aviation, Space and Defense Organizations |
| ASA S3.5 | Methods of Calculation of the Speech Intelligibility Index |
| ASCE 37 | Design and Construction of Sanitary and Storm Sewers |
| ASCE 4-98 | Analysis of Safety-Related Nuclear Structures and Commentary |
| ASCE 52 | Guide for Design of Steel Transmission Towers |
| ASCE 58 | Structural Analysis and Design of Nuclear Plant Facilities |
| ASCE 63 | Structural Plastic Design Manual |
| ASCE 7 | Minimum Design Loads for Buildings and Other Structures |
| ASCE 72 | Design of Steel Transmission Pole Structures |
| ASCE 8 | Specification for the Design of Cold-Formed Stainless Steel Structural Members |
| ASCE MOP 111 | Reliability Based Design Of Utility Pole Structures |
| ASCE MOP 125 | Pipelines for Water Conveyance and Drainage |
| ASCE MOP 45 | How to Select and Work Effectively with Consulting Engineers: Getting the Best Project |
| ASCE MOP 74 | Guidelines for Electrical Transmission |
| ASCE MOP 91 | Design of Guyed Electrical Transmission Structures |
| ASCE MOP 96 | Guide to Improved Earthquake Performance of Electric Power Systems |
| ASCE/SEI 43-05 | Seismic Design Criteria for Structures, Systems, and Components in Nuclear Facilities |
| ASCE/SEI 7-10 | Minimum Design Loads for Buildings and Other Structures |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| ASHRAE | Design of Smoke Management Systems |
| ASHRAE | HVAC Applications |
| ASHRAE | HVAC Fundamentals |
| ASHRAE | HVAC Systems and Equipment |
| ASHRAE | Refrigeration |
| ASHRAE | Simplified Energy Analysis using the BIN Method |
| ASHRAE 100 | Energy Conservation in Existing Buildings |
| ASHRAE 103 | Methods of Testing for Annual Fuel Utilization Efficiency of Residential Central Furnaces and Boilers with exceptions |
| ASHRAE 110 | Method of Testing Performance of Laboratory Fume Hoods |
| ASHRAE 111 | Practices for Measurement, Testing, Adjusting, and Balancing of Building Heating, Ventilation, Air-Conditioning, and Refrigeration Systems |
| ASHRAE 15 | Safety Code for Mechanical Refrigeration |
| ASHRAE 16 | Method of Testing for Rating Room Air Conditioners |
| ASHRAE 169 | Climatic Data for Building Design Standards |
| ASHRAE 20 | Methods of Testing for Rating Remote Mechanical Draft Air Cooled Refrigerant Condensers |
| ASHRAE 202 | Commissioning Process for Buildings and Systems |
| ASHRAE 24 | Methods of Testing for Rating Liquid Coolers |
| ASHRAE 37 | Method of Testing for Rating Unitary Air Conditioning and Heat Pump Equipment |
| ASHRAE 41.3 | Standard Methods for Pressure Measurement |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| ASHRAE 41.6 | Standard Method for Humidity Measurement |
| ASHRAE 51 | Laboratory Methods of Testing Fans for Rating |
| ASHRAE 52.1-1992 | Gravimetric and Dust-Spot Procedures for Testing Air Cleaning Devices Used in General Ventilation for Removing Particulate Matter |
| ASHRAE 52.2 | Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size |
| ASHRAE 55 | Thermal Environmental Conditions for Human Occupancy |
| ASHRAE 62 | Ventilation for Acceptable Indoor Air Quality |
| ASHRAE 90 | Energy Conservation in New Building Design |
| ASHRAE 90365 | Heating, Ventilating, and Air-Conditioning Design Guide for Department of Energy Nuclear Facilities |
| ASHRAE 93 | Methods of Testing to Determine the Thermal Performance of Solar Collectors |
| ASHRAE GRP 158 | Cooling and Heating Load Calculation Manual |
| ASHRAE GUIDELINE 0 | The Commissioning Process - Includes ASHRAE addenda listed in Annex Q |
| ASHRAE GUIDELINE 1.1 | HVAC&R Technical Requirements for The Commissioning Process |
| ASHRAE GUIDELINE 24 | Ventilation and Indoor Air Quality in Low-Rise Residential Buildings |
| ASHRAE GUIDELINE 29 | Guideline for the Risk Management of Public Health and Safety in Buildings |
| ASHRAE GUIDELINE 4 | Preparation of Operating and Maintenance Documentation for Building Systems |
| ASHRAE Handbook | Fundamentals Volume |
| ASHRAE Handbook | Fundamentals (Inch-Pound Edition) |
| ASHRAE LV-11-020 | Improvements to a Methodology for Estimating Potential Energy Savings from Existing Building-Commissioning/Retrofit Measures |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| ASHRAE OR-10-001 | Influence of Test Section Entrance Conditions on Straight Flat Oval Duct Apparent Relative Roughness |
| ASHRAE/ESNA 90.1 | Energy Efficient Design of New Buildings Except Low-Rise Residential Buildings, including Addenda 90.16-92, 90.1d-92, 90.1e-92, 90.1g-93, and 90.1i-93 |
| ASME A 17.1 | Safety Code for Elevators and Escalators |
| ASME A13.1 | Scheme for Identification of Piping Systems |
| ASME AG-i -1 997 | Code on Nuclear Air and Gas Treatment, American Society of Mechanical Engineers |
| ASME AG-i-2012 | Code on Nuclear Air and Gas Treatment |
| ASME B 16 | Fittings, Flanges and Valves |
| ASME B 31.1 | Power Piping |
| ASME B 31.2 | Fuel Gas Piping |
| ASME B 31.3 | Chemical Plant and Petroleum Refinery Piping |
| ASME B 31.4 | Pipeline Transportation Systems for Liquid Hydrocarbons and Other Liquids |
| ASME B 31.5 | Refrigeration Piping |
| ASME B 31.8 | Gas Transmission and Distribution Piping |
| ASME B 56.1-1993 | Low-Lift and High-Lift Trucks |
| ASME B1.1 | Unified Inch Screw Threads (UN and UNR Thread Form) |
| ASME B1.20.1 | Pipe Threads, General Purpose (Inch) |
| ASME B1.20.3 | Dryseal Pipe Threads (Inch) - Revision and Redesignation of B2.2-1968 |
| ASME B16.21 | Nonmetallic Flat Gaskets for Pipe Flanges |





| Appendix B: Non-Government Standards Adopted by DOE | | |
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| Document Number | Document Title | |
| ASME B16.25 | Buttwelding Ends | |
| ASME B16.29 | Wrought Copper and Wrought Copper Alloy Solder-Joint Drainage Fittings - DWV | |
| ASME B16.5 | Pipe Flanges and Flanged Fittings NPS 1/2 Through NPS 24 Metric/Inch Standard | |
| ASME B18.16M | Prevailing-Torque Type Steel Metric Hex Nuts and Hex Flange Nuts | |
| ASME B18.2.2 | Nuts for General Applications: Machine Screw Nuts, Hex, Square, Hex Flange, and Coupling Nuts (Inch Series) | |
| ASME B18.3 | Socket Cap, Shoulder, Set Screws, and Hex Keys (Inch Series) | |
| ASME B30.1 | Jacks, Industrial Rollers, Air Casters, and Hydraulic Gantries | |
| ASME B30.10 | Hooks | |
| ASME B30.11 | Monorails and Underhung Cranes - Includes Interpretations Dated May 2004 thru August 2009 | |
| ASME B30.16 | Overhead Hoists (Underhung) | |
| ASME B30.2 | Overhead and Gantry Cranes (Top Running Bridge, Single or Multiple Girder, Top Running Trolley Hoist) - Includes Interpretations through January 2010 | |
| ASME B30.20 | Below-the-Hook Lifting Devices | |
| ASME B30.23 | Personnel Lifting Systems | |
| ASME B30.26 | Rigging Hardware | |
| ASME B30.29 | Self-Erecting Tower Cranes Safety Standard for Cableways, Cranes, Derricks, Hoists, Hooks, Jacks, and Slings | |
| ASME B30.5 | Mobile and Locomotive Cranes | |
| ASME B30.9 | Slings | |
| ASME B31.11 | Slurry Transportation Piping Systems 2002 | |





| Appendix B: Non-Government Standards Adopted by DOE | | |
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| Document Number | Document Title | |
| ASME B31.3 | Process Piping | |
| ASME B31.5 | Refrigeration Piping and Heat Transfer Components | |
| ASME B31.9 | Building Service Piping | |
| ASME B31G | Manual for Determining the Remaining Strength of Corroded Pipelines | |
| ASME B31T | Standard Toughness Requirements for Piping | |
| ASME B36.10M | Welded and Seamless Wrought Steel Pipe | |
| ASME B40.100 | Pressure Gauges and Gauge Attachments | |
| ASME B46.1 | Surface Texture (Surface Roughness, Waviness, and Lay) | |
| ASME B56.6 (1993) | Rough Terrain Fork Lift Trucks (equipment design specification only) | |
| ASME B89 | Dimensional Metrology - C&S Tools | |
| ASME B89.3.7 | Granite Surface Plates | |
| ASME B89.4.10 | Methods for Performance Evaluation of Coordinate Measuring Systems Software | |
| ASME B89.4.11 | Probes & Changers | |
| ASME B89.4.15 | Dynamic Performance CMM | |
| ASME B89.4.21 | CMM Performance in Realistic Environment | |
| ASME B89.7.2 | Dimensional Measurement Planning | |
| ASME B89.7.3.1 | Guidelines for Decision Rules: Considering Measurement Uncertainty in Determining Conformance to Specifications | |
| ASME B89.7.3.2 | Guidelines for the Evaluation of Dimensional Measurement Uncertainty | |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| ASME BPVC | Boiler and Pressure Vessel Code |
| ASME BPVC; Sections I, II, IV, V - X | American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code (for new construction and new purchases of pressure vessels) |
| ASME CSD-1 | Controls and Safety Devices for Automatically Fired Boilers - Includes Interpretations Thru Volume 15: December 2011 |
| ASME F00230 | Boiler and Pressure Vessel Code |
| ASME FAP-I-1990 | Quality Assurance Program Requirements for Fastener Manufacturers and Distributors |
| ASME N 509 | Nuclear Power Plant Air-Cleaning Units and Components |
| ASME N 510 | Testing of Nuclear Air Cleaning Systems |
| ASME N511-2007 | In-Service Testing of Nuclear Air Treatment, Heating, Ventilating, and Air Conditioning Systems |
| ASME NOG-1 | Rules for Construction of Overhead and Gantry Cranes (Top Running Bridge, Multiple Girder) |
| ASME NQA-1 | Quality Assurance Program Requirements for Nuclear Facilities |
| ASME NQA-1-1994, Part 2.15 | Quality Assurance Requirements for Hoisting, Rigging, and Transporting of Items for Nuclear Power Plants |
| ASME NQA-1-1997 | Quality Assurance Program Requirements for Nuclear Facilities, Part 1, Requirements and Part 3, Nonmandatory Appendices |
| ASME NQA-1-2000 | Quality Assurance Requirements for Nuclear Applications, Parts 1,2, and 3 |
| ASME NQA-1-2008 | Quality Assurance Requirements for Nuclear Facility Applications |
| ASME NQA-1-2008 | Nuclear Quality Assurance |
| ASME NQA-1a-1995 | Quality Assurance Requirements for Nuclear Facility Applications, ASME NQA-1-1994 and ASME NQA-1a-1995 Addenda, 1-19-96 |
| ASME NQA-1B | Quality Assurance Requirements for Nuclear Facility Applications |
| ASME NQA-2 | Quality Assurance Requirements for Nuclear Facility Applications |





| Appendix B: Non-Government Standards Adopted by DOE | | |
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| Document Number | Document Title | |
| ASME NQA-2a | Quality Assurance Program Requirements for Nuclear Facility Applications | |
| ASME NQA-3 | Quality Assurance Program Requirements for the Collection of Scientific and Technical Information for Site Characterization of High-Level Nuclear Waste Repositories | |
| ASME NQA-la-2009 | Addenda to ASME NQA-1-2008 | |
| ASME NUM-1 | Rules for Construction of Cranes, Monorails, and Hoists (With Bridge or Trolley or Hoist of the Underhung Type) | |
| ASME NUM-1-2000 | Rules for Construction of Cranes, Monorails, and Hoists (with Bridge or Trolley or Hoist of the Underhung Type) | |
| ASME P30-1 | Planning for Load Handling Activities | |
| ASME PTC 4.1 | Steam Generating Units | |
| ASME QME-1 | Qualification of Active Mechanical Equipment Used in Nuclear Facilities | |
| ASME STS-1 | Steel Stacks | |
| ASME Y 14.100M | Engineering Drawing Practices | |
| ASME Y 14.13M | Mechanical Spring Representation | |
| ASME Y 14.15 | Electrical and Electronic Diagrams | |
| ASME Y 14.18M | Optical Parts | |
| ASME Y 14.2 | Line Conventions and Lettering | |
| ASME Y 14.24M | Types and Applications of Engineering Drawings | |
| ASME Y 14.34M | Associated Lists | |
| ASME Y 14.35M | Revision of Engineering Drawings and Associated Documents | |
| ASME Y 14.36M | Surface Texture Symbols | |





| Appendix B: Non-Government Standards Adopted by DOE | | |
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| Document Number | Document Title | |
| ASME Y 14.38-1999 | Abbreviations and Acronyms | |
| ASME Y 14.3M | Multiview and Sectional View Drawings | |
| ASME Y 14.4M | Pictorial Drawing | |
| ASME Y 14.5M | Dimensioning and Tolerancing | |
| ASME Y 14.6 | Screw Thread Representation | |
| ASME Y 14.7.1 | Gear Drawing Standards - Part 1 for Spur, Helical, Double Helical and Rack | |
| ASME Y 14.7.2 | Gear and Spline Drawing Standards Part 2 - Bevel and Hypoid Gears | |
| ASME Y 14.8M | Castings and Forgings | |
| ASME Y 32.18 | Symbols for Mechanical and Acoustical Elements as Used in Schematic Diagrams | |
| ASME Y 32.2.3 | Graphical Symbols for Pipe Fittings, Valves and Piping | |
| ASME Y 32.2.4 | Graphical Symbols for Heating, Ventilating, and Air Conditioning | |
| ASME Y 32.2.6 | Graphic Symbols for Heat-Power Apparatus | |
| ASME Y 32.7 | Graphic Symbols for Railroad Maps and Profiles | |
| ASME Y14.2M | Line Conventions and Lettering | |
| ASME Y14.5.1M | Mathematical Definition of Dimensioning and Tolerancing Principles | |
| ASME-B31.8 | Gas Transmission and Distribution Piping Systems | |
| ASME-NQA-1-2004 | Quality Assurance Requirements for Nuclear Facility Applications | |
| ASME-NQA-1-2008 | Quality Assurance Requirements for Nuclear Facility Applications | |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| ASNT SNT-TC-1A | Recommended Practice December 1992 Edition - Qualification of Nondestructive Testing Personnel |
| ASNT SNT-TC-1A Supplement D | Personnel Qualification and Certification in Nondestructive Testing |
| ASNT SNT-TC-1A, Supplement B | Magnetic Particle Method |
| ASQ C1 | Specification of General Requirements for a Quality Program |
| ASQ Energy Division, 1982 | Quality Surveillance Guidelines and Quality Surveillance Handbook, ASQC Quality Press |
| ASQC E4 | Specifications and Guidelines for Quality Systems for Environmental Data Collection and Environmental Technology Programs |
| ASSE A 10.3 1970/2006 | Safety Requirements for Explosive Actuated Fastening Tools [IBR 1926.302] |
| ASSE A 10.4 1963/2007 | Safety Requirements for Workmen's Hoists [IBR 29 CFR 1936.552] |
| ASSE A 10.5 1969/2013 | Safety Requirements for Material Hoists [IBR 29 CFR 1926.552] |
| ASTM 153 | Zinc Coating (Hot-Dip) on Iron and Steel Hardware |
| ASTM 2413 | Standard Specification for Performance Requirements for Foot Protection |
| ASTM 646 | Steel Drill Screws for the Application of Gypsum Board to Light-Gage Steel Studs |
| ASTM 665 | Standard Specification for Mineral-Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing |
| ASTM A 108 | Steel Bars, Carbon, Cold-Finished, Standard Quality |
| ASTM A 120 | Pipe, Steel Black and Hot-Dipped Zinc-Coated (Galvanized) Welded and Seamless, for Ordinary Uses |
| ASTM A 121 | Zinc-Coated (Galvanized) Steel Barbed Wire |
| ASTM A 123 | Zinc (Hot-Galvanized) Coatings on Products Fabricated from Rolled, Pressed, and Forged Steel Shapes, Plates, Bars, and Strip |
| ASTM A 137.1 | Standard Specification for Ceramic Tile |





| Appendix B: Non-Government Standards Adopted by DOE | | |
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| Document Number | Document Title | |
| ASTM A 185 | Welded Steel Wire Fabric for Concrete Reinforcement | |
| ASTM A 307 | Specification for Carbon Steel Externally Threaded Standard Fasteners | |
| ASTM A 312 | Standard Specification for Seamless and Austenitic Stainless Steel Pipe | |
| ASTM A 325-89 | Specification for High-Strength Bolts for Structural Steel Joints | |
| ASTM A 36 | Specification for Structural Steel | |
| ASTM A 366 | Steel Sheet, Carbon, Cold-Rolled, Commercial Quality | |
| ASTM A 385 | Standard Practice for Providing High Quality Zinc Coatings (Hot-Dip) | |
| ASTM A 392 | Zinc-Coated Steel Chain-Link Fence Fabric | |
| ASTM A 446 | Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Structural (Physical) Quality | |
| ASTM A 496 | Deformed Steel Wire for Concrete Reinforcement | |
| ASTM A 501 | Hot-Formed Welded and Seamless Carbon Steel Structural Tubing | |
| ASTM A 525 | Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process | |
| ASTM A 563 | Specification for Carbon Steel Nuts | |
| ASTM A 572 | High-Strength Low-Alloy Columbium-Vanadium Steels of Structural Quality | |
| ASTM A 615 | Deformed and Plain Billet-Steel Bars for Concrete Reinforcement | |
| ASTM A 746 | Standard Specification for Ductile Gravity Sewer Pipe | |
| ASTM A 82 | Cold Drawn Steel Wire for Concrete Reinforcement | |
| ASTM A176 | Standard Specification for Stainless and Heat-Resisting Chromium Steel Plate, Sheet, and Strip | |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| ASTM A193 | Specification for Alloy-Steel and Stainless Steel Bolting Materials for High-Temperature Service |
| ASTM A194 | Standard Specification for Carbon and Alloy Steel Nuts for Bolts for High Pressure or High Temperature Service, or Both |
| ASTM A240 | Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications |
| ASTM A262 | Standard Practices for Detecting Susceptibility to Intergranular Attack in Austenic Stainless Steels |
| ASTM A268 | Standard Specification for Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General Service |
| ASTM A269 | Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service |
| ASTM A307 | Standard Specification for Carbon Steel Bolts, Studs, and Threaded Rod 60?000 PSI Tensile Strength |
| ASTM A370 | Standard Test Methods and Definitions for Mechanical Testing of Steel Products |
| ASTM A380 | Standard Practice for Cleaning, Descaling, and Passivation of Stainless Steel Parts, Equipment, and Systems |
| ASTM A403 | Standard Specification for Wrought Austenitic Stainless Steel Piping Fittings |
| ASTM A449 | Standard Specification for Hex Cap Screws, Bolts, and Studs, Steel, Heat Treated, 120/105/90 ksi Minimum Tensile Strength, General Use |
| ASTM A500 | Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes |
| ASTM A513 | Specification for Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing |
| ASTM A53 | Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated Welded and Seamless |
| ASTM A564 | Standard Specification for Carbon and Alloy Steel Nuts |
| ASTM A574 | Standard Specification for Alloy Steel Socket-Head Cap Screws |
| ASTM A74 | Standard Specification for Cast Iron Soil Pipe and Fittings |
| ASTM A763 | Standard Practices for Detecting Susceptibility to Intergranular Attack in Ferritic Stainless Steels |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| ASTM A888 | Standard Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Applications |
| ASTM A967 | Standard Specification for Chemical Passivation Treatments for Stainless Steel Parts |
| ASTM B 1 | Standard Specification for Hard-Drawn Copper Wire |
| ASTM B 152 | Standard Specification for Copper Sheet, Strip, Plate and Rolled Bar |
| ASTM B 32 | Solder Metal |
| ASTM B 329 | Apparent Density of Metal Powders and Compounds Using the Scott Volumeter |
| ASTM B 446 | Standard Specification for Nickel-Chromium-Molybdenum-Columbium Alloy (UNSO6625) |
| ASTM B 486 | Paste Solder |
| ASTM B 8 | Standard Specification for Concrete-Lay Stranded Copper Conductors |
| ASTM B209 | Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate |
| ASTM B210 | Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes |
| ASTM B221 | Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles and Tubes |
| ASTM B241 | Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube |
| ASTM B251 | Standard Specification for General Requirements for Wrought Seamless Copper and Copper-Alloy Tube |
| ASTM B308 | Standard Specification for Aluminum-Alloy 6061-T6 Standard Structural Profiles |
| ASTM B68 | Standard Specification for Seamless Copper Tube, Bright Annealed |
| ASTM B75 | Standard Specification for Seamless Copper Tube |
| ASTM B813 | Standard Specification for Liquid and Paste Fluxes for Soldering of Copper and Copper Alloy Tube |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| ASTM B819 | Standard Specification for Seamless Copper Tube for Medical Gas Systems |
| ASTM B828 | Standard Practice for Making Capillary Joints by Soldering of Copper and Copper Alloy Tube and Fittings |
| ASTM B88 | Standard Specification for Seamless Copper Water Tube |
| ASTM C 1 068-03 | Standard Guide for Qualification of Measurement Methods by a Laboratory within the Nuclear Industry |
| ASTM C 1 156-03 | Standard Guide for Establishing Calibration for a Measurement Method Used to Analyze Nuclear Fuel Cycle Materials |
| ASTM C 1 156-03 | Standard Guide for Establishing Calibration for a Measurement Method Used to Analyze Nuclear Fuel Cycle Materials |
| ASTM C 1 309-97 (2003) | Standard Practice for Performance Evaluation of In-Plant Walk-Through Metal Detectors |
| ASTM C 1 592-09 | Standard Guide for Nondestructive Assay Measurements |
| ASTM C 1 592-09 | Standard Guide for Nondestructive Assay Measurements |
| ASTM C 1009 | Standard Guide for Establishing a QA Program for Analytical Chemistry Laboratories within the Nuclear Industry |
| ASTM C 1030 | Standard Test Method for Determination of Plutonium Isotopic Composition by Gamma-Ray Spectrometry |
| ASTM C 1036 | Standard Specification for Flat Glass |
| ASTM C 1068 | Standard Guide for the Qualification of Measurement Methods by a Laboratory Within the Nuclear Industry |
| ASTM C 1068-03 | Standard Guide for the Qualification of Measurement Methods by a Laboratory Within the Nuclear Industry |
| ASTM C 109 | Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Or 50-mm Cube Specimens) |
| ASTM C 1108 | Test Method for Plutonium by Controlled-Potential Coulometry |
| ASTM C 1112 | Guide for Application of Radiation Monitors to the Control and Physical Security of Special Nuclear Material |
| ASTM C 1112-99 | Standard Guide for Application of Radiation Monitors to the Control and Physical Security of Special Nuclear Material |





| Appendix B: Non-Government Standards Adopted by DOE | | |
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| Document Number | Document Title | |
| ASTM C 1128 | Standard Guide for the Preparation of Working Reference Materials for Use in the Analysis of Nuclear Fuel Cycle Materials | |
| ASTM C 1133 | Standard Test Method for the Nondestructive Assay of Special Nuclear Material in Low-Density Scrap and Waste by Segmented Passive Gamma-Ray Scanning | |
| ASTM C 1156 | Standard Guide for Establishing Calibration for a Measurement Method Used to Analyze Nuclear Fuel Cycle Materials | |
| ASTM C 1168 | Standard Practice for Preparation and Dissolution of Plutonium Materials for Analysis | |
| ASTM C 1169 | Guide for Laboratory Evaluation of Automatic Pedestrian SNM Monitor Performance | |
| ASTM C 1169-97 | Standard Guide for Laboratory Evaluation of Automatic Pedestrian SNM Monitor Performance | |
| ASTM C 1189 | Guide to Procedures for Calibrating Automatic Pedestrian SNM Monitor | |
| ASTM C 1189-02 | Standard Guide to Procedures for Calibrating Automatic Pedestrian SNM Monitors | |
| ASTM C 1196 | Test Method of In Situ Compressive Stress Within Solid Unit Masonry Estimated Using Flatjack Measurements | |
| ASTM C 1204 | Test Method for Uranium in the Presence of Plutonium by Iron (II) Reduction in Phosphoric Acid Followed by Chromium (VI) Titration | |
| ASTM C 1210 | Standard Guide for Establishing a Measurement System Quality Control Program for Analytical Chemistry Laboratories Within the Nuclear Industry | |
| ASTM C 1215-92 | Standard Guide for Preparing and Interpreting Precision and Bias Statements in Test Method Standards Used in the Nuclear Industry | |
| ASTM C 1236 | Guide for In-Plant Performance Evaluation of Automatic Vehicle SNM Monitors | |
| ASTM C 1236-99 | Standard Guide for In-Plant Performance Evaluation of Automatic Vehicle SNM Monitors | |
| ASTM C 1237 | Guide to In-Plant Performance Evaluation of Hand-Held SNM Monitors | |
| ASTM C 1237-99 | Standard Guide to In-Plant Performance Evaluation of Hand-Held SNM Monitors | |
| ASTM C 1267 | Test Method for Uranium by Iron (II) Reduction in Phosphoric Acid Followed by Chromium (VI) Titration in the Presence of Vanadium | |
| ASTM C 1268 | Standard Test Method for Quantitative Determination of Americium 241 in Plutonium by Gamma-Ray Spectrometry | |





| Appendix B: Non-Government Standards Adopted by DOE | | |
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| Document Number | Document Title | |
| ASTM C 127 | Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate | |
| ASTM C 1284 | Standard Practice for the Electrodeposition of the Actinides for Alpha Spectrometry | |
| ASTM C 1297 | Standard Guide for the Qualification of Laboratory Analysts for the Analysis of Nuclear Fuel Cycle Materials | |
| ASTM C 1309-97 (2003) | Standard Practice for Performance Evaluation of In-Plant Walk-Through Metal Detectors | |
| ASTM C 1346 | Standard Practice for Dissolution of Uranium Hexaflouride from P-10 Tubes | |
| ASTM C 1347 | Standard Practice for Preparation and Dissolution of Uranium Materials for Analysis | |
| ASTM C 1411 | Standard Practice for Ion Exchange Separation of Uranium and Plutonium Isotopes Prior to Isotopic Analysis | |
| ASTM C 1413 | Standard Test Method for Isotopic Analysis of Hydrolyzed Uranium Hexaflouride and Uranyl Nitrate Solutions by Thermal Ionization Mass Spectrometry | |
| ASTM C 1415 | Standard Test Method for Pu-238 by Alpha Spectrometry | |
| ASTM C 143 | Slump of Portland Cement Concrete | |
| ASTM C 144 | Aggregate for Masonry Mortar | |
| ASTM C 1455 — 07 | Standard Guide for Nondestructive Assay of Special Nuclear Material Holdup Using Gamma-Ray Spectroscopic Methods | |
| ASTM C 1490-04 | Standard Guide for the Selection, Training and Qualification of Nondestructive Assay (NDA) Personnel | |
| ASTM C 150 | Specification for Portland Cement (Rev. A) | |
| ASTM C 1672 | Standard Test Method for Determination of Uranium or Plutonium Isotopic Composition or Concentration by the Total Evaporation Method Using a Thermal Ionization Mass Spectrometer | |
| ASTM C 172 | Sampling Fresh Cement | |
| ASTM C 177 | Standard Test Method for Steady State Thermal Transmission Properties by Means of the Guard Hot Plate | |
| ASTM C 206 | Finished Hydrated Lime | |





| Appendix B: Non-Government Standards Adopted by DOE | | |
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| Document Number | Document Title | |
| ASTM C 207 | Hydrated Lime for Masonry Purposes | |
| ASTM C 208 | Insulating Board (Cellulosic Fiber), Structural and Decorative (reapproved 1982) | |
| ASTM C 236 | Standard Test Method for Thermal Conductance and Transmittance of Built-Up Sections by Means of the Guarded Hot Box | |
| ASTM C 260 | Air-Entraining Admixtures for Concrete | |
| ASTM C 270 | Standard Specification for Mortar for Unit Masonry | |
| ASTM C 272 | Test for Water Absorption of Core Materials for Structural Sandwich Construction | |
| ASTM C 29/C 29M | Standard Test Method for Bulk Density ("Unit Weight") and Voids in Aggregate | |
| ASTM C 309 | Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete | |
| ASTM C 31 | Making and Curing Concrete Test Specimens in the Field | |
| ASTM C 33 | Concrete Aggregates | |
| ASTM C 355 | Test for Water Vapor Transmission of Thick Materials | |
| ASTM C 36 | Gypsum Wallboard | |
| ASTM C 39 | Compressive Strength of Cylindrical Concrete Specimens | |
| ASTM C 404 | Aggregates for Masonry Grout | |
| ASTM C 423 | Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method | |
| ASTM C 442 | Gypsum Backing Board and Coreboard | |
| ASTM C 475 | Joint Compound and Joint Tape for Gypsum Wallboard | |
| ASTM C 476 | Grout for Reinforced and Non-reinforced Masonry | |





| Appendix B: | | |
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| Non-Government Standards Adopted by DOE | | |
| Document Number | Document Title | |
| ASTM C 494 | Chemical Admixtures for Concrete | |
| ASTM C 509 | Standard Specification for Elastomeric Cellular Preformed Gasket and Sealing Material | |
| ASTM C 516 | Standard Specification for Vermiculite Loose Fill Thermal Insulation | |
| ASTM C 518 | Standard Test Method for Steady State Thermal Transmission Properties by Means of Heat Flow Meter | |
| ASTM C 520 | Standard Method for Density of Granular Loose-Fill Insulation (reapproved 1975) | |
| ASTM C 523 | Light Reflections of Acoustical Materials by the Integrating Sphere Reflectometer | |
| ASTM C 533 | Standard Specification for Calcium Silicate Block and Pipe Thermal Insulation | |
| ASTM C 534 | Standard Specification for Preformed Flexible Elastomeric Cellular Thermal Insulation in Sheet and Tubular Form | |
| ASTM C 547 | Standard Specification for Mineral Fiber Pipe Insulation | |
| ASTM C 549 | Standard Specification for Perlite Loose Fill Insulation (reapproved 1986) | |
| ASTM C 55 | Standard Specification for Concrete Building Brick | |
| ASTM C 552 | Standard Specification for Cellular Glass Thermal Insulation | |
| ASTM C 553 | Standard Specification for Mineral Fiber Blanket Thermal Insulation for Commercial and Industrial Applications | |
| ASTM C 570 | Specification for Oil and Resin Based Caulking Compound for Building Construction | |
| ASTM C 578 | Standard Specification for Preformed, Block-Type Cellular Polystyrene Thermal Insulation | |
| ASTM C 591 | Standard Specification for Unfaced Preformed Rigid Cellular Polyisocyanurate Thermal Insulation | |
| ASTM C 592 | Standard Specification for Mineral Fiber Blanket Insulation and Blanket-Type Pipe Insulation (Metal-Mesh Covered) (Industrial Type) | |
| ASTM C 610 | Standard Specification for Molded Expanded Perlite Block and Pipe Thermal Insulation | |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| ASTM C 612 | Standard Specification for Mineral Fiber Block and Board Thermal Insulation |
| ASTM C 618 | Standard Specification for Fly Ash and Raw or Calcinated Natural Pozzolan of Use as a Mineral Admixture in Portland Cement Concrete |
| ASTM C 62 | Standard Specification for Building Brick (Solid Masonry Units Made from Clay or Shale) |
| ASTM C 630 | Water-Resistant Gypsum Backing Board |
| ASTM C 635 | Standard Specification for the Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and for Lay-In Panels |
| ASTM C 636 | Standard Recommended Practice for Installation of Metal Ceiling Systems for Acoustical Tile and for Lay-In Panels |
| ASTM C 645 | Non-Load Bearing Axial Steel Studs, Runners Track, and Rigid Furring Channels for Screw Application of Gypsum Board |
| ASTM C 660 | Standard Practices for Production and Preparation of Gray Iron Castings for Porcelain Enameling (Reapproved 1989) |
| ASTM C 696 | Standard Methods for Chemical, Mass Spectrometric, and Spectrochemical Analysis of Nuclear-Grade Uranium Dioxide Powders and Pellets |
| ASTM C 71 | Standard Terminology Relating to Refractories |
| ASTM C 720 | Specification for Spray-Applied Fibrous Thermal Insulation for Elevated Temperature (Discontinued 1999) |
| ASTM C 726 | Standard Specification for Mineral Fiber and Roof Insulating Board |
| ASTM C 728 | Standard Specification for Perlite Thermal Insulation Board |
| ASTM C 730 | Standard Test Method for Knoop Indentation Hardness of Glass |
| ASTM C 755 | Standard Recommended Practice for Selection for Vapor Barriers for Thermal Insulation |
| ASTM C 761 | Standard Test Methods for Chemical, Mass Spectrometric, Spectrochemical, Nuclear, and Radiochemical Analysis of UF6 |
| ASTM C 764 | Standard Specification for Mineral Fiber Loose-Fill Thermal Insulation |
| ASTM C 790 | Standard Recommended Practice for use of Latex Sealing Compounds |





| Appendix B: Non-Government Standards Adopted by DOE | | |
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| Document Number | Document Title | |
| ASTM C 797 | Standard Recommended Practices and Terminology for Use of Oil- and Resin-Based Putty and Glazing Compounds | |
| ASTM C 804 | Standard Recommended Practices for Use of Solvent Release Type Sealants | |
| ASTM C 834 | Specification for Latex Sealing Compounds (reapproved 1986) | |
| ASTM C 840 | Standard Specification for Application and Finishing of Gypsum Board | |
| ASTM C 845 | Standard Specification for Expansive Hydraulic Cement | |
| ASTM C 892 | Standard Specification for High-Temperature Fiber Blanket Thermal Insulation | |
| ASTM C 90 | Standard Specification for Load-Bearing Concrete Masonry Units | |
| ASTM C 920 | Standard Specification for Elastomeric Joint Sealants | |
| ASTM C 94 | Ready-Mixed Concrete | |
| ASTM C 971 | Guide for Selection and Application of Insulation Systems for Heating, Ventilating, and Air Conditioning Duct Work (Discontinued 1997) | |
| ASTM C 976 | Standard Test Method for Thermal Performance of Building Assemblies by Means of a Calibrated Hot Box | |
| ASTM C 984 | Specification for Perlite Board and Rigid Cellular Polyisocyanurate Composite Roof Insulation (Discontinued 1997) | |
| ASTM C 984 | Standard Method of Test for Apparent Density of Rigid Cellular Plastics (reapproved 1975) | |
| ASTM C 986 | Standard Guide for Developing Training Programs in the Nuclear Fuel Cycle | |
| ASTM C 993 | Guide for In-Plant Performance Evaluation of Automatic Pedestrian SNM Monitors | |
| ASTM C 993-97 | Standard Guide for In-Plant Performance Evaluation of Automatic Pedestrian SNM Monitors | |
| ASTM C1009-06 | Standard Guide for Establishing a Quality Assurance Program for Analytical Chemistry Laboratories within the Nuclear Industry | |
| ASTM C1009-06 | Standard Guide for Establishing a Quality Assurance Program for Analytical Chemistry Laboratories within the Nuclear Industry | |





| Appendix B: | | |
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| Non-Government Standards Adopted by DOE | | |
| Document Number | Document Title | |
| ASTM C1019 | Standard Test Method for Sampling and Testing Grout | |
| ASTM C1064 | Standard Test Method for Temperature of Freshly Mixed Hydraulic-Cement Concrete | |
| ASTM C1077 | Standard Practice for Agencies Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Testing Agency Evaluation | |
| ASTM C1112-99 (2005) | Standard Guide for Application of Radiation Monitors to the Control and Physical Security of Special Nuclear Material | |
| ASTM C1133-03 | Standard Test Method for Nondestructive Assay of Special Nuclear Material in Low Density Scrap and Waste by Segmented Passive Gamma Ray Scanning | |
| ASTM C1156-03 | Standard Guide for Establishing Calibration for a Measurement Method Used to Analyze Nuclear Fuel Cycle Materials | |
| ASTM C1156-03 | Standard Guide for Establishing Calibration for a measurement Method Used to Analyze Nuclear Fuel Cycle Materials | |
| ASTM C117 | Standard Test Method for Materials Finer than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing | |
| ASTM C1231 | Standard Practice for Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders | |
| ASTM C1237-99 | Standard Guide to In-Plant Performance Evaluation of Hand-Held SNM Monitors | |
| ASTM C127 | Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate | |
| ASTM C1277 | Standard Specification for Shielded Couplings Joining Hubless Cast Iron Soil Pipe Fittings | |
| ASTM C128 | Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Fine Aggregate | |
| ASTM C1309-97 (2012) | Standard Practice for Performance Evaluation of In-Plant Walk-Through Metal Detectors | |
| ASTM C136 | Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates | |
| ASTM C138 | Standard Test Method for Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete | |
| ASTM C142 | Standard Test Method for Clay Lumps and Friable Particles in Aggregates | |





| Appendix B: Non-Covernment Standards Adented by DOE | | |
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| Non-Government Standards Adopted by DOE | | |
| Document Number | Document Title | |
| ASTM C157 | Standard Test Method for Length Change of Hardened Hydraulic-Cement Mortar and Concrete | |
| ASTM C1592-09 | Standard Guide for Making Quality Nondestructive Assay Measurements | |
| ASTM C1807-15 | Standard Guide for Nondestructive Assay of Special Nuclear Material (SNM) Holdup Using Passive Neutron Measurement Methods | |
| ASTM C192 | Standard Practice for Making and Curing Concrete Test Specimens in the Laboratory | |
| ASTM C231 | Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method | |
| ASTM C40 | Standard Test Method for Organic Impurities | |
| ASTM C470 | Standard Specification for Molds for Forming Concrete Test Cylinders Vertically | |
| ASTM C478 | Precast Manholes | |
| ASTM C478 | Precast Manholes | |
| ASTM C490/490M | Standard Practice for Use of Apparatus for the Determination of Length Change of Hardened Cement Paste, Mortar, and Concrete | |
| ASTM C511 | Standard Specification for Mixing Rooms, Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the Testing of Hydraulic Cements and Concretes | |
| ASTM C566 | Standard Test Method for Total Evaporable Moisture Content of Aggregate by Drying | |
| ASTM C617 | Standard Practice for Capping Cylindrical Concrete Specimens | |
| ASTM C702 | Standard Practice for Reducing Samples of Aggregate to Testing Size | |
| ASTM C806 | Standard Test Method for Restrained Expansion of Expansive Cement Mortar | |
| ASTM C852 | Standard Guide for Design Criteria for Plutonium Gloveboxes | |
| ASTM C939 | Standard Test Method for Flow of Grout for Preplaced-Aggregate Concrete (Flow Cone Method) | |
| ASTM C940 | Standard Test Method for Expansion and Bleeding of Freshly Mixed Grouts for Preplaced-Aggregate Concrete in the Laboratory | |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| ASTM C993-97 (2012) | Standard Guide for In-Plant Performance Evaluation of Automatic Pedestrian SNM Monitors |
| ASTM D 1505 | Standard Test Method for Density of Plastics by the Density-Gradient Technique |
| ASTM D 1557 | Moisture-Density Relations of Soils and Soil-Aggregate Mixtures, Using 10-lb. (4.54-kg) Rammer and 18-in. (457-mm) Drop |
| ASTM D 1586 | Standard Method for Penetration Test and Split-Barrel Sampling of Soils |
| ASTM D 1603 | Standard Test Method of Carbon Black Content in Olefin Plastics |
| ASTM D 178 | Specifications for Rubber Insulating Matting |
| ASTM D 1914-95 | Conversion Units & Factors Relating to Sampling and Analysis of Atmospheres |
| ASTM D 2113 | Standard Practice for Diamond Core Drilling for Site Investigation |
| ASTM D 2156 | Method of Tests for Smoke Density in Flue Gases from Distillate Fuels [reapproved 1975 (ANSI Z11.182-65 (R 1971))] |
| ASTM D 2216 | Laboratory Determination of Water (Moisture) Content of Soil, Rock, and Soil-Aggregate Mixtures |
| ASTM D 2240 | Rubber Property - Durometer Hardness |
| ASTM D 2488 | Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) |
| ASTM D 257 | Test for DC Resistance on conductance of Insulating Materials |
| ASTM D 2922 | Density of Soil and Soil-Aggregate In Place by Nuclear Methods (Shallow Depth) |
| ASTM D 3017 | Moisture Content of Soil and Soil-Aggregate In Place by Nuclear Methods (Shallow Depth) |
| ASTM D 3631-95 | Measuring Surface Atmospheric Pressure |
| ASTM D 3656 | Standard Specification for Insect Screening and Louver Cloth Woven from Vinyl Coated Glass Yarns |
| ASTM D 3678 | Standard Specification for Rubber Cellular Cushion Used for Carpet or Rug Underlay |





| Appendix B: Non-Government Standards Adopted by DOE | | |
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| Document Number | Document Title | |
| ASTM D 3786 | Standard Test Method for Hydraulic Bursting Strength of Knitted Goods and Nonwoven Fabrics - Diaphragm Bursting Strength Tester Method | |
| ASTM D 396 | Standard Specification for Fuel Oils | |
| ASTM D 4023-82a/R96 | Humidity Measurements | |
| ASTM D 4099 | Standard Specification for Poly (Vinyl Chloride) (PVC) Prime Windows/Sliding Glass Doors | |
| ASTM D 422 | Particle-Size Analysis of Soils | |
| ASTM D 4230-83/R96 | Measuring Humidity with Cooled-Surface Condensation (Dew-Point) Hygrometer | |
| ASTM D 4256 | Standard Test Method for the Determination of the Decontaminability of Coatings Used in Light-Water Nuclear Power Plants | |
| ASTM D 4258 | Surface Cleaning of Concrete | |
| ASTM D 4259 | Abrading Concrete | |
| ASTM D 4355 | Standard Test Method for Deterioration of Geotextiles from Exposure to Ultraviolet Light and Water (Xenon-Arc Type Apparatus) | |
| ASTM D 4430-96 | Determining Operational Comparability of Meteorological Measurements | |
| ASTM D 4437 | Standard Practice for Determining the Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes | |
| ASTM D 4491 | Standard Test Methods for Water Permeability of Geotextiles by Permittivity | |
| ASTM D 4533 | Standard Test Method for Trapezoid Tearing Strength of Geotextiles | |
| ASTM D 4540 | Standard Guide for Testing Interior Latex Semigloss and Gloss Paints | |
| ASTM D 4546 | Standard Test Method for One-Dimensional Swell or Settlement Potential of Cohesive Soil | |
| ASTM D 4632 | Standard Test Method for Breaking Load and Elongation of Geotextiles (Grab Method) | |
| ASTM D 4833 | Standard Test Method for Index Puncture Resistance of Geotextiles, Geomembranes and Related Products | |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| ASTM D 5035 | Standard Test Method for Breaking Force and Elongation of Textile Fabrics (Strip Method) |
| ASTM D 5096-96 | Determining the Performance of a Cup Anemeometer or Propeller Anemometer |
| ASTM D 512 | Chloride Ion in Water |
| ASTM D 5199 | Standard Test Method for Measuring Thickness of Textile Materials |
| ASTM D 5261 | Standard Test Method for Mass Per Unit Area (Weight) of Textiles |
| ASTM D 5359 | Glass Cullet Recovered from Waste |
| ASTM D 5366-96 | Determining the Dynamic Performance of a Wind Vane |
| ASTM D 5527-94 | Measuring Surface Wind and Temperature by Acoustic Means |
| ASTM D 5741-96 | Characterizing Surface Wind Using a Wind Vane and a Rotating Anemometer |
| ASTM D 6011-96 | Determining the Performance of a Sonic Anemometer/Thermometer |
| ASTM D 6176M-97 | Measuring Surface Atmospheric Temperature with Electrical Resistance Temperature Sensors (Metric) |
| ASTM D 6365 | Standard Practice for Nondestructive Testing of Geomembrane Seams Using The Spark Test |
| ASTM D 698 | Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort |
| ASTM D1048 | Specifications for Rubber Insulating Blankets |
| ASTM D1051-1087 | Standard Specification for Rubber Insulating Sleeves |
| ASTM D1140 | Standard Test Methods for Amount of Material in Soils Finer than No. 200 (75- μ m) Sieve |
| ASTM D120 | Standard Specification for Rubber Insulating Gloves |
| ASTM D149 | Standard Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials at Commercial Power Frequencies |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| ASTM D1556 | Standard Test Method for Density and Unit Weight of Soil in Place by Sand-Cone Method |
| ASTM D1708 | Standard Test Method for Tensile Properties of Plastics by Use of Microtensile Specimens |
| ASTM D1785 | Standard Specification For Poly (Vinyl Chloride)(PVC) Plastic Pipe, Schedules 40, 80, and 120 |
| ASTM D18 | Specifications for Rubber Insulating Matting |
| ASTM D2000 | Standard Classification System for Rubber Products in Automotive Applications-SAE J200 |
| ASTM D2241 | Standard Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series) |
| ASTM D2464 | Standard Specification for Threaded Poly (Vinyl Chloride)(PVC) Plastic Pipe Fittings, Schedule 80 |
| ASTM D2466 | Standard Specification for Poly (Vinyl Chloride)(PVC) Plastic Pipe Fittings, Schedule 40 |
| ASTM D2467 | Standard Specification for Poly (Vinyl Chloride)(PVC) Plastic Pipe Fittings, Schedule 80 |
| ASTM D2487 | Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System) |
| ASTM D2564 | Standard Specification for Solvent Cements for Poly (Vinyl Chloride)(PVC) Plastic Piping Systems |
| ASTM D2661 | Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings |
| ASTM D2665 | Standard Specification for Poly (Vinyl Chloride)(PVC) Plastic Drain, Waste, and Vent Pipe and Fittings |
| ASTM D2855 | Standard Practice for Making Solvent-Cemented Joints with Poly (Vinyl Chloride)(PVC) Pipe and Fittings |
| ASTM D3282 | Standard Practice for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes |
| ASTM D4318 | Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils |
| ASTM D4751 | Standard Test Method for Determining Apparent Opening Size of a Geotextile |
| ASTM D4791 | Standard Test Method for Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate |





| Appendix B: Non-Government Standards Adopted by DOE | | |
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| Document Number | Document Title | |
| ASTM D653 | Standard Terminology Relating to Soil, Rock, and Contained Fluids | |
| ASTM D6938-10 | Standard Test Method for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth) | |
| ASTM D75/D75M | Standard Practice for Sampling Aggregates | |
| ASTM D792 | Standard Test Methods for Density and Specific Gravity (Relative Density) of Plastics by Displacement | |
| ASTM E 104-85/R96 | Maintaining Constant Relative Humidity by Means of Aqueous Solutions | |
| ASTM E 1168 | Standard Guide for Radiological Protection Training for Nuclear Facility Workers | |
| ASTM E 119 | Standard Methods of Fire Tests of Building Construction and Materials | |
| ASTM E 1264 | Standard Classification for Acoustical Ceiling Products | |
| ASTM E 1301-95:2003 | Standard Guide for Proficiency Testing by Interlaboratory Comparisons | |
| ASTM E 136 | Behavior of Materials in a Vertical Tube Furnace at 750 degrees C | |
| ASTM E 142 | Controlling Quality of Radiographic Testing | |
| ASTM E 152 | Methods of Fire Tests of Door Assemblies | |
| ASTM E 2132-01 | Standard Practice for Assessing Loss, Damage, or Destruction of Property | |
| ASTM E 2135-07 | Standard Terminology for Property and Asset Management | |
| ASTM E 2221-02 | Standard Practice for Administrative Control of Property | |
| ASTM E 2279-03 | Standard Practice for Establishing the Guiding Principles of Property Management | |
| ASTM E 2306-03 | Standard Practice for Utilization and Disposal of Personal Property | |
| ASTM E 283 | Standard Test Method for Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors | |





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| Document Number | Document Title |
| ASTM E 29-93A | Standard Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications |
| ASTM E 337-84/R96 | Measuring Humidity with a Psychrometer (the Measurement of Wet- and Dry-Bulb Temperatures) |
| ASTM E 380 | Standard Practice for the Use of the International System of Units (SI) |
| ASTM E 413 | Classification for Rating Sound Insulation |
| ASTM E 413-04 | Classification for Rating Sound Insulation |
| ASTM E 576 | Standard Test Method for Dew/Frost Point of Sealed Insulating Glass Units in Vertical Position |
| ASTM E 580 | Standard Practice for Application of Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels in Areas Requiring Seismic Restraint |
| ASTM E 617-91 | Standard Specification for Laboratory Weights and Precision Mass Standards, 17th Edition, 1991 |
| ASTM E 648 | Standard Test Method for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source |
| ASTM E 691 | Standard Practice for Conducting an Interlaboratory Test Program to Determine the Precision of Test Methods |
| ASTM E 737 | Standard Practice for the Installation of Storm Windows, Replacement Windows, Multi-Glazing, Storm Doors and Replacement Doors |
| ASTM E 84 | Standard Test Method for Surface Burning Characteristics of Building Materials |
| ASTM E 90 | Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions |
| ASTM E 96 | Standard Test Method for Water Vapor Transmission of Materials in Sheet Form (reapproved 1972) |
| ASTM E139-2011 | Standard Methods for Conducting Creep, Creep-Rupture, and Stress-Rupture Tests of Metallic Materials |
| ASTM E139-2011 | Standard Methods for Conducting Creep, Creep-Rupture, and Stress-Rupture Tests of Metallic Materials |
| ASTM E2456-06 | ASTM E2456-2006 Standard Terminology Relating to Nanotechnology |
| ASTM E2535-2007 | Standard Guide for Handling Unbound Engineered Nanoscale Particles in Occupational Settings |





| | Non-Government Standards Adopted by DOE |
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| Document Number | Document Title |
| ASTM E2714- 2013 | Standard Test Method for Creep- Fatigue Testing |
| ASTM E2714-2013 | Standard Test Method for Creep-Fatigue Testing |
| ASTM E606-2012 | Standard Test Method for Strain-Controlled Fatigue Testing |
| ASTM E8/E8M | Standard Test Methods for Tension Testing of Metallic Materials |
| ASTM E83, Rev A-2010 | Standard Practice for Verification and Classification of Extensometer System |
| ASTM E83, Rev A-2010 | Standard Practice for Verification and Classification of Extensometer System |
| ASTM F 436 | Hardened Steel Washers |
| ASTM F 693 | Standard Practice for Sealing Seams of Resilient Sheet Flooring Products |
| ASTM F 792-08 | Standard Practice for Design and Use of Ionizing Radiation Equipment for Detection of Items Prohibited in Controlled Areas |
| ASTM F104 | Standard Classification System for Nonmetallic Gasket Materials |
| ASTM F1117 | Standard Specification for Dielectric Overshoe Footwear |
| ASTM F1236 | Standard Guide for Visual Inspection of Electrical Protective Rubber Products |
| ASTM F146 | Standard Test Methods for Fluid Resistance of Gasket Materials |
| ASTM F1461 | Standard Practice for Chemical Protective Clothing Program |
| ASTM F1505 | Specifications for Insulated and Insulating Hand Tools |
| ASTM F1506 | Standard Specification for Protective Wearing Apparel for Use by Electrical Workers When Exposed to Momentary Electric Arc and Related Thermal Hazards |
| ASTM F152 | Standard Test Methods for Tension Testing of Nonmetallic Gasket Materials |





| | Appendix B: Non-Government Standards Adopted by DOE |
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| Document Number | Document Title |
| ASTM F1742 | Specifications for PVC Insulating Sheeting |
| ASTM F2178 02 | Standard Test Method for Determining the Arc Rating and Standard Specification for Eye or Face Protective Products |
| ASTM F36 | Standard Test Method for Compressibility and Recovery of Gasket Materials |
| ASTM F37 | Standard Test Methods for Sealability of Gasket Materials |
| ASTM F38 | Standard Test Methods for Creep Relaxation of a Gasket Material |
| ASTM F433 | Standard Practice for Evaluating Thermal Conductivity of Gasket Materials |
| ASTM F496 | Standard Specification for In-Service Care of Insulating Gloves and Sleeves |
| ASTM F696 | Standard Specification for Leather Protectors for Rubber Insulating Gloves and Mittens |
| ASTM F792-08 | Standard Practice for Evaluating the Imaging Performance of Security X-Ray Systems |
| ASTM G 1 | Standard Recommended practice for Preparing, Cleaning, and Evaluating Corrosion Test Specimens (reapproved 1979) |
| ASTM G 46 | Standard Practice for Examination and Evaluation of Pitting Corrosion |
| ASTM G28 | Standard Test Methods of Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys |
| ASTM-D3951 | Standard Practices for Commercial Packaging |
| ASTM-E-1699-0 | Standard Practice for Performing Value Analysis for Projects, Products and Services |
| ASTM-E-1699-0 | Practice for Performing Value Analysis for Projects, Products and Services |
| ATA | Hazardous Materials Tariff |
| ATSSA | Uniform Traffic Control Devices |
| AWI | Architectural Woodwork Institute Quality Standards |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| AWS A2.4 | Standard Symbols for Welding, Brazing, and Nondestructive Examination |
| AWS A3.0 | Standard Welding Terms and Definitions Including Terms for Adhesive Bonding, Brazing, Soldering, Thermal Cutting, and Thermal Spraying |
| AWS B2.1 | Specification for Welding Procedure and Performance Qualification |
| AWS D 1.1 | Structural Welding Code-Steel |
| AWS D 1.2 | Structural Welding Code-Aluminum |
| AWS D 1.3 | Structural Welding Code-Sheet Steel |
| AWS D 1.4 | Structural Welding Code - Reinforcing Steel |
| AWS D 14.1 | Specification for Welding Industrial Mill Cranes |
| AWS D 5.2 | Standards for Welded Steel, Elevated Tanks, Standpipes, and Reservoirs for Water Storage (see AWWA D100) |
| AWS D1.6 | Structural Welding Code - Stainless Steel |
| AWS D9.1M | Sheet Metal Welding Code |
| AWS F 2.1 | Recommended Safe Practice for Electron Beam Welding and Cutting |
| AWS QC-1 | Specification for Qualification and Certification of Welding Inspectors |
| AWWA | Manual of Water Quality and Treatment |
| AWWA | Standard Methods for the Examination of Water and Wastewater |
| AWWA | Water Treatment Plant Design |
| AWWA C 651 | Standard for Disinfecting Water Mains |
| AWWA C 652 | Disinfection of Water Storage Facilities |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| AWWA D 100 | Welded Steel Tanks for Water Storage |
| AWWA D100-96 | Welded Steel Tanks for Water Storage (Includes Supplement to ANSI/AWWA D100a-89) |
| AWWA D100a-89 | Welded Steel Tanks for Water Storage (Supplement to ANSI/AWWA D100-84) |
| BCNYS-2010 | Building Code of New York State - 2010 Edition |
| Bell Telephone | Bell Telephone Standards Maintenance, Installation and Operation |
| BHMA 156 Series | Performance Standards |
| BIA | Building Code Requirements for Engineered Brick Masonry (replaced by ACI 530) (Inactive) |
| BIA | Dampproofing and Water Proofing Masonry Walls |
| BIA 7 | Water Resistance of Brick Masonry—Design and Detailing |
| BOCA | Basic National Mechanical Code |
| BOCA NBC | National Building Code |
| BS EN 13000 | Mobile Cranes [IBR 29 CFR 1926.1433] |
| BS EN 14439 | Cranes Safety Tower Cranes [IBR 29 CFR 1926.1433] |
| Capability Maturity Model Integration (CMMI) | Software Quality Standard |
| CGA | Handbook of Compressed Gases |
| CGA C-6 1968 | Standards for Visual Inspection of Compressed Gas Cylinders [IBR 29 CFR 1910.101] |
| CGA G-1.2 2006 | Acetylene Piping [IBR 29 CFR 1910.102] |
| CGA G-4 1996 | Oxygen |





| Document Number | Document Title |
|-----------------|--|
| CGA G-5 | Hydrogen |
| CGA G4.1 | Cleaning Equipment for Oxygen |
| CGA G4.4 | Industrial Practices for Gaseous Oxygen Transportation and Distribution Piping |
| CGA P-1 | Safe Handling of Compressed Gases in Containers |
| CGA P-12 | Compressed Gas Association Pamphlet, P12 Safe Handling of Cryogenic Liquids |
| CGA P-2.5 | Transfilling of High PressureGaseous Oxygen to be Used for Respiration |
| CGA P-2.6 | Transfilling of Liquid Oxygen to be Used for Respiration |
| CGA S-1.1 | Pressure Relief Device Standards, Part 1, Cylinders for Compressed Gases |
| CGA S-1.2 | Pressure Relief Device Standards, Part 2, Cargo and Portable Tanks for Compressed Gases |
| CGA S-1.3 | Pressure Relief Device Standards, Part 3, Compressed Gas Storage Containers (Fourth Edition) |
| CGA V-1 | Standard for Compressed Gas Cylinder Valve Outlet and Inlet Connections |
| CIAC 628 | Computer Incident Advisory Capability |
| CIAC 632 | Computer Incident Advisory Capability |
| CISCA | Acoustical Ceilings-Use and Practice |
| CMAA 70 | Specification for Electric Overhead Traveling Cranes |
| CMAA 74 | Crane Manufacturer's Association of America Specification |
| CSAO | Crane Handbook |
| CSAO | Rigging Manual |





| | Appendix B: Non-Government Standards Adopted by DOE |
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| Document Number | Document Title |
| CSD-1 | Controls and Safety Devices for Automatically Fired Boilers |
| CTI ATC-105 | Acceptance Test Code for Water Cooling Towers |
| CTI Std. 201 | Standard for the Certification of Water-Cooling Towers Thermal Performance |
| DHI | The Installation of Commercial Steel Doors and Steel Frames, Insulated Steel Doors in Wood Frames and Builder's Hardware |
| EIA 222-D | Structural Standards for Steel Antenna Towers and Antenna Supporting Structures |
| EIA/IS-632 | Systems Engineering |
| FGMA | Glazing Manual |
| FGMA | Sealant Manual |
| FM (now FMRC) | Approval Guides |
| FM 1 (now FMRC) | Loss Prevention Data Sheets |
| FM 1-57 (now FMRC) | Loss Prevention Data Sheet on Rigid Foamed Polyurethane |
| FM 5.4 (now FMRC) | Loss Prevention Data Sheet on Transformers |
| FS 0-F-506C | Flux, Soldering, Paste and Liquid |
| FS DD-G-1403B | Glass, Plate (float), Sheet, Figured, and Spandrel (Heat Strengthened and Fully Tempered) |
| FS DD-G-451D | Glass Sheet, Figured, (Float, Flat, for Glazing, Corrugated, Mirrors, and Other Uses) |
| FS FF-B-575C | Bolt, Hexagon and Square |
| FS FF-D-396H | Dispensers, Soap |
| FS FF-N-836D | Nut, Square, Hexagon, Cap, Slotted, Castellated, Clinch, Knurled and Welding |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| FS FF-S-107C | Screw, Tapping and Drive |
| FS MMM-A-110B(1) | Federal Specification Adhesive, Bonding Vulcanized Synthetic Rubber to Steel HAP-Free Replacement |
| FS SS-W-40A | Wallbase and Vinyl Plastic, Type I and II |
| FS TT E-489H | Enamel, Odorless, Alkyd, Gloss (for Exterior and Interior Surfaces) |
| FS TT-650D | Primer Coating, Latex Base, Interior, White (for Gypsum Wallboard or Plaster) |
| FS TT-C-535B | Coating Epoxy, Interior Undercoat, Two Component, for interior use on Metal, Wood, Wallboard, Painted Surfaces, Concrete and Masonry |
| FS TT-E-506K | Enamel, Alkyd, Gloss, Tints, and White (for Interior Use) |
| FS TT-E-508C | Enamel, Interior, Semigloss, Tints, and White |
| FS TT-E-509C | Enamel, Odorless, Alkyd Interior, Semigloss, White and Tints |
| FS TT-E-545D | Enamel, Odorless, Alkyd, Interior Undercoat, Flat, Tints, and White |
| FS TT-F-1098D | Filler, Block, Solvent Thinned, for Porous Surfaces (Concrete Block, Cinder Block, Stucco, Etc.) |
| FS TT-P-1511A | Paint, Latex-Base, Gloss and Semigloss, Tints and White (for Interior use) |
| FS TT-P-96D | Paint Latex Base For Exterior Surfaces (White and Tints) |
| FS TT-S-001543A | Sealing Compound: Silicone Rubber Base (for caulking, sealing, and Glazing Inbuilding and Other Structures) |
| FS TT-S-00227E | Sealing Compound: Elastomeric Type, Multi-Component (for Caulking, Sealing and Glazing Inbuilding and Other Structures) |
| FS WW-P 541B | Plumbing Fixtures |
| FS-L-F-475A(2) | Floor Covering Vinyl, Surface (Tile and Roll), with Backing |
| FSS TT-P-29K | Paint, Latex |





| Appendix B: Non-Government Standards Adopted by DOE | | |
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| Document Number | Document Title | |
| GA 201 | Using Gypsum Board for Walls and Ceilings | |
| HI Hydraulic Institute | Standard for Centrifugal, Rotary and Reciprocating Pumps | |
| HLD-1 | Performance Evaluation Procedure for Household Tumble Type Clothes Dryers | |
| HLD-2EC | Test Method for Measuring Energy Consumption of Household Tumble Type Clothes Dryers | |
| HLW-1 | Household Washer Performance Evaluation Procedure | |
| HLW-2EC | Test Method for Measuring Energy Consumption of Household Clothes Washers | |
| HRF-2 ECFT | Test Procedures to Determine the Temperature and Energy Consumption of Household Refrigerators, Combination Refrigerator-Freezes, and Freezers | |
| HU-1 | Appliance Humidifier Standard | |
| IAEA | Criticality Control of Fissile Materials | |
| IAEA | Dangerous Goods Regulations | |
| IAEA 116 | Design of Spent Fuel Storage Facilities | |
| IAEA 207 | Notification to the Agency (IAEA) of Exports and Imports of Nuclear Material | |
| IAEA 30 | Manual on the Safety Aspects of the Design and Equipment of Hot Laboratories | |
| IAEA 31 | Safe Operation of Nuclear Power Plants | |
| IAEA 35 | Safe Operation of Critical Assemblies and Research Reactors, Series | |
| IAEA 35.S1 | Code on the Safety of Nuclear Research Reactors | |
| IAEA 50-SG-QA10 | Safety Guide—Assessment | |
| IAEA 50-SG-S3 | Atmospheric Dispersion in Nuclear Power Plant Siting | |





| Appendix B: Non-Government Standards Adopted by DOE | | |
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| Document Number | Document Title | |
| IAEA 6 | Regulations for the Safe Transportation of Radioactive Material | |
| IAEA 75-INSAG-3 | Basic Safety Principles for Nuclear Power Plants | |
| IAEA Agreement | Agreement Between the United States and the IAEA for the Application of Safeguards in the United States, and Additional Protocol | |
| IAEA INFCIRC/140 | Treaty on the Non-Proliferation of Nuclear Weapons, 4-22-70 | |
| IAEA INFCIRC/153 Corrected | The Structure and Content of Agreements Between the Agency and States Required in Connection with the Treaty on the Non-Proliferation or Nuclear Weapons, June 1997 | |
| IAEA INFCIRC/207 | Notification to the Agency (IAEA) of Exports and Imports of Nuclear Material, 7-26-74, and amendment letter, 9-15-82 | |
| IAEA INFCIRC/225/Rev 4 Corrected | The Physical Protection of Nuclear Material and Nuclear Facilities, June 1999 | |
| IAEA INFCIRC/274/Rev 1/Add 8 | Convention on the Physical Protection of Nuclear Material, 11-15-02 | |
| IAEA INFCIRC/288 | IAEA Information Circular 288 | |
| IAEA NMMSS D-207 | U.S. Importer and Exporter and Foreign Facility IAEA Material Balance Area Codes and IAEA Country Codes | |
| IAEA Safety Series 50-P-1 | Application of Single Failure Criterion: Safety Practice | |
| IAEA Safety Series No. 81 | Derived Intervention Levels for Application in Controlling Radiation Doses to the Public in the Event of a Nuclear Accident or Radiological Emergency | |
| IAEA Safety Series No. 86 | Techniques and Decision Making in the Assessment of Off-Site Consequences of an Accident in a Nuclear Facility | |
| IAEA Safety Series No. 87 | Emergency Response Planning and Preparedness for Transport Accidents Involving Radioactive Material | |
| IAEA SRS-37 | Methods for Assessing Occupational Radiation Doses Due to the Intakes of Radionuclides | |
| IAEA TECDOC-919 | Management of Procurement Activities in a Nuclear Installation | |
| IAEA TRS-188 | Radiological Safety Aspects of the Operation of Electron Linear Accelerators | |
| IAEA TRS-318 | Compendium of Neutron Spectra and Detector Responses for Radiation Protection Purposes | |





| | Appendix B: Non-Government Standards Adopted by DOE |
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| Document Number | Document Title |
| IAEA TRS-403 | Supplement to TRS-318 |
| IAEA- STI/PUB/1264 | WIMS-D Library Update |
| IAEA-TECDOC-410 | Properties of Neutron Sources |
| ΙΑΡΜΟ | Uniform Plumbing Code |
| IAPMO UMC | UNIFORM MECHANICAL CODE |
| ΙΑΤΑ | Dangerous Goods Regulations, 50th edition, 2009-2010 |
| ΙΑΤΑ | International Air Transport Association Safety Requirements |
| ΙΑΤΑ | Restricted Articles Regulation (International Air Transportation Association) |
| IATA DGR | International Air Transport Association (IATA) Dangerous Goods Regulations |
| ICAO | International Civil Aviation Technical Instructions |
| ICBO | International Mechanical Code |
| ICBO 17-6 | Method of Test for the Evaluation of Flammability Characteristics of Exterior, Nonload-Bearing Wall Panel Assemblies Using Foam Plastic Insulation |
| ICBO 4071 | Suspended Ceilings |
| ICBO 47-18 | Metal Suspension Systems for Acoustical Tile and for Lay-in Panel Ceilings |
| ICBO UBC | Uniform Building Code |
| ICC (International Code Council) | International Building Code (IBC) |
| ICC IFC | International Fire Code (IFC) |
| ICC-IBC | International Building Code |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| ICC/ANSI A 117.1 | Specifications for Making Buildings and Facilities Accessible to, and Usable by, Physically Handicapped People |
| ICI Publication 13.2 | Method of Measuring and Specifying Color Rendering Properties of Light Sources corrected 1993 |
| ICRP | Radiation Protection Standards Report |
| ICRP | Report of the Task Group on Reference Man |
| ICRP 22 | Implications of Commission Recommendations that Doses be Kept as Low as Readily Achievable |
| ICRP 23 | Reference Man Anatomical Physiological and Metabolic Characteristics |
| ICRP 25 | The Handling, Storage, Use and Disposal of Unsealed Radionuclides in Hospitals and Medical Research Facilities |
| ICRP 26 | Recommendations of the International Commission on Radiological Protection |
| ICRP 30 | Limits for Intakes of Radionuclides by Workers |
| ICRP 32 | Limits for Inhalation of Radon Daughters by Workers |
| ICRP 37 | Cost-Benefit Analysis in the Optimization of Radiation Protection |
| ICRP 40 | Protection of the Public in the Event of Major Radiation Accidents: Principles for Planning |
| ICRP 45 | Quantitative Basis for Developing a Unified Index of Harm |
| ICRP 48 | The Metabolism of Plutonium and Related Elements |
| ICRP 54 | Individual Monitoring for Intakes of Radionuclides by Workers: Design and Interpretation |
| ICRP 55 | Optimization and Decision-Making in Radiological Protection |
| ICRP 60 | 1990 Recommendations of the International Commission of Radiological Protection |
| ICRP 66 | Human Respiratory Tract Model of Radiological Protection |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| ICRP 68 | Dose Coefficients for Radionuclide Intakes By Workers |
| ICRP 72 | Age-Dependent Doses to Members of the Public from Intakes of Radionuclides, Part 5, Compilation of Ingestion and Inhalation Coefficients |
| ICRP 74 | Conversion Coefficients for Use in Radiological Protection Against External Radiation |
| ICRP 75 | General Principles for the Radiation Protection of Workers |
| ICRP 78 | Individual Monitoring for Internal Exposure of Workers - Replacement of ICRP Publication 54 |
| ICRP 88 | Doses to the Embryo and Fetus from Intakes of Radionuclides by the Mother |
| ICRP Publication 100 | Human Alimentary Tract Model for Radiological Protection |
| ICRP Publication 103 | 2007 Recommendations of the ICRP |
| ICRP Publication 116 | Conversion Coefficients for Radiological Protection Quantities for External Radiation Exposures |
| ICRP Publication 38 | Radionuclide Transformations: Energy and Intensity of Emissions |
| ICRP Publication 56 | Age-Dependent Doses to Members of the Public From the Intake of Radionuclides, pt. 1 |
| ICRP Publication 67 | Age-Dependent Doses to Members of the Public from Intake of Radionuclides, pt. 2 |
| ICRP Publication 69 | Age-Dependent Doses to Members of the Public from Intake of Radionuclides, pt. 3 |
| ICRP Publication 71 | Age-Dependent Doses to Members of the Public from Intake of Radionuclides, pt. 4 |
| ICRP Publication 92 | Relative Biological Effectiveness, Radiation Weighting and Quality Factor |
| ICRP Supporting Guidance 3 | Guide of the Practical Application of the ICRP HRT Model |
| ICRP-56 | Age Dependent Doses from Intakes of Radionuclides, 1989 |
| ICRP-67 | Age Dependent Doses to Members of the Public from Intake of Radionuclides, Part 2: Ingestion Dose Coefficients, 1993 |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| ICRP-69 | Age-Dependent Doses to Members of the Public from Intake of Radionuclides, Part 3: Ingestion Dose Coefficients, 1995 |
| ICRP-71 | Age Dependent Doses to Members of the Public from Intake of Radionuclides, Part 4: Inhalation Dose Coefficients, 1996 |
| ICRU 14 | Radiation Dosimetry |
| ICRU 20 | Radiation Protection Instrumentation and Its Application |
| ICRU 33 | Radiation Quantities and Units |
| ICRU 43 | Determination of Dose Equivalents from External Radiation Sources—Part 2 |
| ICRU-57 | Conversion Coefficients for use in Radiological Protection against External Radiation, 1998 |
| IEC 964 | Design for Control Rooms of Nuclear Power Plants |
| IEC Std. 60034-1 | Rotating Electrical Machines (Part 1, Section 3, Clause 3.2.1 and Figure 1) with amendment 1 |
| IEC Std. 60050-411 | International Electrotechnical Vocabulary (Chapter 411, Sections 411-33-07 and 411-37-26) |
| IEC Std. 60072-1 | Dimensions and Output Series for Rotating Electrical Machines (Part 1, Frame Numbers 56 to 400 and Flange Numbers 55 to 1080, Clauses 2, 3, 4.1, 6.1, 7, and 10 and Tables 1, 2, and 4) |
| IEC Std. 705 | Methods for Measuring the Performance of Microwave Ovens for Household and Similar Purposes, Section 4, Paragraph 13, Electrical Power Input Measurement and Paragraph 14, Efficiency |
| IEEE 1015 | Recommended Practice for Applying Low-Voltage Circuit Breakers Used in Industrial and Commercial Power Systems-IEEE Blue Book |
| IEEE 1016-1987 | IEEE Recommended Practice for Software Design Descriptions |
| IEEE 1016.1-1993 | IEEE Guide to Software Design Descriptions |
| IEEE 1023 | Guide for the Application of Human Factors Engineering to Systems, Equipment, and Facilities of Nuclear Power Generating Stations |
| IEEE 1046 | Application Guide for Distributed Digital Control and Monitoring for Power Plants |
| IEEE 1050 | Guide for Instrumentation and Control Equipment Grounding in Generating Stations |





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| Document Number | Document Title |
| IEEE 1058 | IEEE Standard for Software Project Management Plans |
| IEEE 1063-1987 | IEEE Standard for Software User Documentation |
| IEEE 1074-1991 | IEEE Standard for Developing Software Life Cycle Processes |
| IEEE 1100 | Recommended Practice for Powering and Grounding Electronic Equipment-IEEE Emerald Book |
| IEEE 1219-1992 | IEEE Standard for Software Maintenance |
| IEEE 141 | Recommended Practice for Electric Power Distribution for Industrial Plants |
| IEEE 142 | Recommended Practice for Grounding of Industrial and Commercial Power Systems |
| IEEE 200 | Reference Designators |
| IEEE 242 | Recommended Practice for Protection and Coordination of Industrial and Commercial Power Systems |
| IEEE 268 | Standard Metric Practice |
| IEEE 279 | Criteria for Protection Systems for Nuclear Power Generating Stations (replaced by IEEE 603) (Inactive) |
| IEEE 308 | Standard Criteria for Class IE Power Systems for Nuclear Power Generating Stations |
| IEEE 315 | Graphic Symbols for Electrical and Electronics Diagrams |
| IEEE 317 | Standard for Electrical Penetration Assemblies in Containment Structures for Nuclear Power Generating Stations |
| IEEE 323 | Standard for Qualifying Class IE Equipment for Nuclear Power Generating Stations |
| IEEE 336 | Standard Installation, Inspection, and Testing Requirements for Power, Instrumentation and Control Equipment at Nuclear Facilities |
| IEEE 338 | Standard Criteria for the Periodic Surveillance Testing of Nuclear Power Generating Station Safety Systems |
| IEEE 344 | Recommended Practices for Seismic Qualification of Class IE Equipment for Nuclear Power Generating Stations |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| IEEE 352 | Guide for General Principles of Reliability Analysis of Nuclear Power Generating Station Protection Systems |
| IEEE 379 | Standard Application of the Single-Failure Criterion to Nuclear Power Generating Station Safety Systems |
| IEEE 382 | Standard for Qualification of Actuators for Power Operated Valve Assemblies with Safety Related Functions for Nuclear Power Plants |
| IEEE 384 | Standard Criteria for Independence of Class IE Equipment and Circuits |
| IEEE 399 | Recommended Practice for Industrial and Commercial Power System Analysis |
| IEEE 446 | Recommended Practice for Emergency and Standby Power for Industrial and Commercial Applications |
| IEEE 450 | Recommended Practice for Maintenance, Testing, and Replacement of Large Lead Storage Batteries for Generating Stations and Substations |
| IEEE 484 | Recommended Practice for Installation Design and Installation of Vented Lead-Acid Batteries for Stationary Applications |
| IEEE 485 | Recommended Practice for Sizing Lead-Acid Batteries for Stationary Applications |
| IEEE 493 | Recommended Practice for the Design of Reliable Industrial and Commercial Power Systems |
| IEEE 498 | Standard Requirements for the Calibration and Control of Measuring and Test Equipment Used in Nuclear Facilities |
| IEEE 500 | IEEE Guide to the Collection and Presentation of Electrical, Electronic, Sensing Component, and Mechanical Equipment Reliability Data for Nuclear Power Generating Stations |
| IEEE 567 | Trial Use Standard Criteria for the Design of The Control Room Complex |
| IEEE 576 | Recommended Practice for Installation, Termination, and Testing of Insulated Power Cable as Used in Industrial and Commercial Applications |
| IEEE 602 | Recommended Practice for Electrical Systems in Health Care Facilities |
| IEEE 603 | Standard Criteria for Safety Systems for Nuclear Power Generating Stations |
| IEEE 610.12-1990 | IEEE Standard Glossary of Software Engineering Terminology |
| IEEE 730 | Standard for Software Quality Assurance Plan |





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| Document Number | Document Title |
| IEEE 739 | Recommended Practice for Energy Conservation and Cost-Effective Planning in Industrial Facilities |
| IEEE 80 | Guide for Safety in AC Substation Grounding |
| IEEE 828 | Standard for Software Configuration Management Plans |
| IEEE 829 | Standard for Software Test Documentation |
| IEEE 837 | Qualifying Permanent Connections Used In Substation Grounding |
| IEEE 845 | Guide for the Evaluation of Human-System Performance in Nuclear Power Generating Stations |
| IEEE C 37 | Circuit Breakers, Switchgear, Relays, Substations and Fuses—Series |
| IEEE C 37.91 | Guide for Protective Relay Applications to Power Transformers |
| IEEE C57 (Series) | Standard General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers |
| IEEE C62 (Series) | Standards for Surge Arresters for AC Power |
| IEEE C95.7 | Recommended Practice for Radio Frequency Safety Programs, 3 kHz to 300 GHz |
| IEEE N42.20 | American National Standard Performance Criteria for Active Personnel Radiation Monitors |
| IEEE SI-10 | Standard for Use of the International System of Units (SI): The Modern Metric System |
| IEEE Std. 112 | Test Procedure for Polyphase Induction Motors and Generators, Test Method B, with corrections to item 28 in section 10.2, Form B |
| IEEE Y32.9 | Graphic Symbols for Electrical and Wiring Diagrams Used in Architecture and Building Construction |
| IEEE-100 | The IEEE Standard Dictionary of Electrical and Electronics Terms, Sixth Edition |
| IEEE-1220-2005 | Standard for Application and Management of the System Engineers Process |
| IEEE-1220-2005 | Standard for Application and Management of the System Engineers Process |





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| | Non-Government Standards Adopted by DOE |
| Document Number | Document Title |
| IEEE-1584 | IEEE Guide for Performing Arc-Flash Hazard Calculations |
| IEEE-c95.1-1999 | IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz |
| IEEE-c95.1-2005 | IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz |
| IES Handbook | Reference and Application, 8th Edition, Chapter 6, Light Sources |
| IES-LM-16 | IES Practical Guide to Colorimetry of Light Sources |
| IES-LM-20 | IES Approved Method for Photometric Measuring and Reporting Test on Reflector Type Lamps |
| IES-LM-45 | IES Approved Method for Electrical and Photometric Measurements of General Service Incandescent Filament Lamps |
| IES-LM-58 | IES Guide to Spectroradiometric Measurements |
| IES-LM-66 | IES Approved Method for the Electrical and Photometric Measurements of Single-Ended Compact Fluorescent Lamps |
| IES-LM-9 | Approved Method for the Electrical and Photometric Measurements of Fluorescent Lamps |
| IESNA RP8 | Roadway Lighting, Practice for |
| IME SLP 2 | American Table of Distances for Storage of Explosives [IBR 29 CFR 1926.8914] |
| IME SLP 20 | Radio Frequency Energy Potential Hazard in Use of Electric Blasting Caps [IBR 29 CFR 1926.900] |
| INCOSE Systems Engineering Handbook, 4th edition, Jan. 2015 | Systems Engineering Handbook – A Guide for System Life Cycle Processes and Activities |
| IPC 2220 | 2220 Series of Design Documents |
| IPC 2221 | Generic Standard on Printed Board Design |
| IPC 2222 | Sectional Design Standard for Rigid Organic Printed Boards |





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| Document Number | Document Title |
| IPC 4203 | Cover and Bonding Material for Flexible Printed Circuitry |
| IPC 4204 | Flexible Metal-Clad Dielectrics for Use in Fabrication of Flexible Printed Circuitry |
| IPC CM-770 | Guidelines for Printed Board Component Mounting |
| IPC D-325 | Documentation Requirements for Printed Boards, Assemblies and Support Drawings |
| IPC J-STD-001 | Requirements for Soldered Electrical and Electronic Assemblies |
| IPC RB-276 | Qualification and Performance Specification for Rigid Printed Boards |
| IPC SM-840 | Qualification and Performance Specification of Permanent Solder Mask and Flexible Cover Materials |
| IPC T-50 | Terms and Definitions for Interconnecting and Packaging Electronic Circuits |
| IPC-A-600 | Printed Wiring Boards (Fabrication) |
| IPC-A-610E | Acceptability of Electronic Assemblies |
| IPC-D-275 | Circuit Card Assembles |
| ISA | Standards and Practices for Instrumentation (published by the Instrumentation, Systems, and Automation Society) |
| ISA 5.1 | Instrumentation Symbols and Identification |
| ISA 5.2 | Binary Logic Diagrams for Process Operations |
| ISA 5.3 | Graphic Symbols for Distributed Control/Shared Display Instrumentation, Logic ans Computer Systems |
| ISA 67.04 | Setpoints for Nuclear Safety-Related Instrumentation |
| ISA 84.00.01 | Functional Safety: Safety Instrumented Systems for the Process Industry Sector |
| ISA S5.1 | Instrumentation Symbols and Identification |





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| Document Number | Document Title |
| ISA \$5.3 | Graphic Symbols for Distributed and Control/Shared Display Instrumentation, Logic, and Computer Systems |
| ISA S5.4 | Instrument Loop Diagrams |
| ISA S5.5 | Graphic Symbols for Process Displays |
| ISDSI 102 | Installation Standard for Insulated Steel Door Systems |
| ISO 10149 | (High Sierra Standard): Yellow Book, CD-ROM, Read Only Memory and CD-ROM XA, Extended Architecture |
| ISO 11660-1 | Cranes Access, Guards, and Restraints Part 1 General [IBR 29 CFR 1926.1423] |
| ISO 11660-2 | Cranes Access, Guards, and Restraints Part 2 Mobile Cranes [IBR 29 CFR 1926.1423] |
| ISO 11660-3 | Cranes Access, Guards, and Restraints Part 3 Tower Cranes [IBR 29 CFR 1926.1423] |
| ISO 12083 | Electronic Manuscript Preparation and Markup |
| ISO 13528:2005-09-01 | Statistical Methods for use in proficiency testing by inter laboratory comparisons |
| ISO 13943 | Fire Safety Vocabulary [IBR 29 CFR 1910.1200] |
| ISO 14001 Plus | Environmental Management System Manual Program Description |
| ISO 14001.1 | Environmental Management Systems—Specification with Guidance for Use |
| ISO 14004 | Environmental Management Systems General Guidelines on Principles, Systems, and Supporting Techniques |
| ISO 14010.1 | Guidelines for Environmental Auditing—General Principles |
| ISO 14011/1.2 | Guidelines for Environmental Auditing—Audit Procedures—Part 1: Auditing of Environmental Management Systems |
| ISO 14012.1 | Guidelines for Environmental Auditing—Qualification Criteria for Environmental Auditors |
| ISO 1677 | Sealed Radioactive Sources: General |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| ISO 18911:2000(E) | Imaging materials - Processed safety photographic films - storage practices |
| ISO 4037 | X and Gamma Reference Radiation for Calibrating Dosimeters and Dose Ratemeters and for Determining Their Response as a Function of Photon Energy |
| ISO 4341 | Magnetic Tape Cassette and Cartridge Labeling and File Structure for Information Exchange |
| ISO 4826 | Sealed Radioactive Sources: Leak Test Methods |
| ISO 646 | Seven-Bit Coded Character Set for Information Exchange |
| ISO 6980 | Reference Data Radiations for Calibrating Dosimeters and Dose Ratemeters and for Determining Their Responses as a Function of Beta Radiation Energy |
| ISO 7503-1 | Evaluation of Surface Contamination—Part 1: Beta-Emitters (Maximum Beta Energy Greater Than 0.15 MeV) and Alpha-Emitters |
| ISO 7503-2 | Evaluation of Surface Contamination—Part 2: Tritium Surface Contamination |
| ISO 8194 | Radiation Protection Clothing for Protection Against Radioactive Contamination Design, Selection, Testing and Use |
| ISO 8529 | Neutron Reference Radiations for Calibrating Neutron-Measuring Devices Used for Radiation Protection Purposes and for Determining Their Response as a Function of Neutron Energy |
| ISO 8632 | Computer Graphics—Metafile for the Storage and Transfer of Picture Description Information |
| ISO 8769 | Reference Sources for the Calibration of Surface Contamination Monitors— Beta-Emitters (Maximum Beta Energy Greater Than 0.15 MeV) and Alpha Emitters |
| ISO 8824 | Information Technology—Open Systems Interconnection—Specification of Abstract Syntax Notation One (ASN.1) |
| ISO 8825 | Information Technology—Open Systems Interconnection—Specification of Basic Encoding Rules for Abstract Syntax Notation One (ASN.1) |
| ISO 8879 | Information Processing—Text and Office Systems—Standard Generalized Markup Language (SGML) |
| ISO 9000 | Quality Management and Quality Assurance Standards—Guidelines for Selection and Use |
| ISO 9001 | Quality Systems—Model for Quality Assurance in Design/Development, Production, Installation, and Servicing |





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| Document Number | Document Title |
| ISO 9002 | Quality Systems—Model for Quality Assurance in Production and Installation |
| ISO 9003 | Quality Systems—Model for Quality Assurance in Final Inspection and Test |
| ISO 9004 | Quality Management and Quality Systems Elements—Guidelines |
| ISO 9069 | Document Interchange Format (SDIF) |
| ISO 9070 | Registration Procedures for SGML Public Text Owner Identifiers |
| ISO 9660 | (High Sierra Standard): Red Book CD-DA, Digital Audio; Green Book, CD-1, Interactive |
| ISO GUIDE 43-1 | Proficiency testing by interlaboratory comparisons Part 1: Development and operation of proficiency testing schemes |
| ISO GUIDE 43-2 | Proficiency testing by interlaboratory comparisons Part 2: Selection and use of proficiency testing schemes by laboratory accreditation bodies |
| ISO TR 9573 | Techniques for Using SGML |
| ISO-9001:2007 | Quality Systems-Model for Quality Assessment in Design/Development, Production, Installation and Servicing |
| ISO/FDIS 2919 | Radiation Protection Sealed Radioactive Sources General Requirements and Classification |
| ISO/IEC 10036 | Procedure for Registration of Glyph and Glyph-Collection Identifiers |
| ISO/IEC 10744 | Information Technology—Hypermedia/Time-Based Structuring Language (HyTime) |
| ISO/IEC 15408 | Security techniques Evaluation criteria for IT security Part 1: Introduction and general model |
| ISO/IEC 17025 | General Requirements for the Competency of Calibration and Testing Laboratories |
| ISO/IEC 17025:2005 | General Requirements for the Competence of Calibration and Testing Laboratories |
| ISO/IEC 9541 | Font Information Interchange, Parts 1 and 2, Architecture and Interchange Format |
| ISO/IEC/IEEE-15288-2015 | Systems and Software Engineering – System Life Cycle Processes |





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| Document Number | Document Title | |
| ISO/TS 16949 | Quality Management Systems | |
| ITE & NSC | Traffic Engineer's Handbook | |
| LPI 175 | Standard of Practice for the Design, Installation, Inspection of Lightning Protection Systems | |
| LPI 177 | Inspection Guide for LPI Certified Systems | |
| ISO/IECIIEEE Std. 24765-2010 | Systems and Software Engineering - Vocabulary | |
| MBMA | Metal Building Systems Manual | |
| MCA (now CMA) | Chemical Safety Data Sheets | |
| MCA (now CMA) | Manual Sheets | |
| MLSFA | Steel Framing Systems Manual | |
| NAAMM | Metal Finishes Manual | |
| NACE 6A192 | Dehumidification and Temperature Control During Surface Preparation, Application, and Curing for Coatings/Linings of Steel Tanks, Vessels, and Other Enclosed Areas | |
| NACE 6G198 | Wet Abrasive Blast Cleaning | |
| NACE 80200 | Preparation of Protective Coating Specifications for Atmospheric Service | |
| NACE BOS VOL 1 | NACE International BOOK OF STANDARDS Volume 1 | |
| NACE BOS VOL 2 | NACE International BOOK OF STANDAARDS Volume 2 | |
| NACE No. 2/SSPC-SP10 | Joint Surface Preparation Standard, Near-White Metal Blast Cleaning | |
| NACE RPO 169-92 | National Association of Corrosion Engineers - Control of External Corrosion on Underground or Submerged Piping Systems | |
| NAPHCC | National Standard Plumbing Code | |





| Non-Government Standards Adopted by DOE | | |
|---|---|--|
| Document Number | Document Title | |
| Nat. Comm. For Cert. Crane Operators | National Commission for the Certification of Crane Operators, Candidate Handbook - Physician Instructions for Medical Examination | |
| NBHA | General Standards for Builders Hardware | |
| NBIC NB-23 | National Board Inspection Code (NBIC) | |
| NCMA | Waterproof Coatings for Concrete Masonry | |
| NCMA | Waterproofing Concrete Masonry Basements and Earth Sheltered Structures | |
| NCMA TR 75B | Specifications for the Design and Construction of Load-Bearing Concrete Masonry | |
| NCRP 102 | Medical X-Ray, Electron Beam and Gamma-Ray Protection for Energies Up to 50 MeV (Equipment Design, Performance and Use) | |
| NCRP 106 | Limit for Exposure to "Hot Particles" on the Skin | |
| NCRP 116 | Limitation of Exposure to Ionizing Radiation | |
| NCRP 30 | Safe Handling of Radioactive Materials | |
| NCRP 38 | Protection Against Neutron Radiation | |
| NCRP 40 | Protection Against Radiation from Brachytherapy Sources | |
| NCRP 49 | Structural Shielding Design and Evaluation for Medical Use of X Rays and Gamma Rays of Energies Up to 10 MeV | |
| NCRP 51 | Radiation Protection Design Guidelines for 0.1-100 MeV Particle Accelerator Facilities | |
| NCRP 53 | Review of NCRP Dose Limit for Embryo and Fetus in Occupationally Exposed Women | |
| NCRP 57 | Instrumentation and Monitoring Methods for Radiation Protection | |
| NCRP 59 | Operational Radiation Safety Program | |
| NCRP 61 | Radiation Safety Training Criteria for Industrial Radiography | |





| | Non-Government Standards Adopted by DOE |
|-----------------|---|
| Document Number | Document Title |
| NCRP 65 | Management of Persons Accidently Contaminated with Radionuclides |
| NCRP 71 | Operational Radiation Safety Training |
| NCRP 72 | Radiation Protection and Measurement for Low-Voltage Neutron Generators |
| NCRP 84 | General Concepts for the Dosimetry of Internally Deposited Radionuclides |
| NCRP 87 | Use of Bioassay Procedures for Assessment of Internal Radionuclide Deposition |
| NCRP 88 | Radiation Alarms and Access Control Systems |
| NCRP 91 | Recommendations on Limits for Exposure to Ionizing Radiation |
| NCRP-144 | Radiation Protection for Particle Accelerator Facilities |
| NCRP-156 | Development of a Biokinetic Model for Radionuclide-Contaminated Wounds |
| NCRP-158 | Uncertainties in the Measurement and Dosimetry of External Radiation |
| NCSL RP-1 | Recommended Practice RP-1, Establishment and Adjustment of Calibration Intervals |
| NDIA | National Defense Industrial Association (NDIA) Program Management Systems Committee (PMSC) Surveillance Guide, October 2004 Edition |
| NDIA | National Defense Industrial Association (NDIA) Program Management Systems Committee (PMSC) Surveillance Guide, October 2004 Edition |
| NEMA 250 | Enclosures for Electrical Equipment |
| NEMA C84.1 | Electric Power Systems and Equipment - Voltage Ratings (60 Hertz) |
| NEMA DC 3 | No title stated |





| | Non-Government Standards Adopted by DOE |
|-----------------|--|
| Document Number | Document Title |
| NEMA EW 1 | Requirements for Electric Arc Welding Apparatus [IBR 29 CFR 1910.254] |
| NEMA ICS | Industrial Controls and Systems |
| NEMA LD 3 | High-Pressure Decorative Laminates |
| NEMA MG-1 | Motors and Generators |
| NEMA MG1 | Motors and Generators, Revision 1 |
| NEMA MG10 | Energy Management Guide for Selection and Use of Polyphase Motors |
| NEMA MG11 | Energy Management Guide for Selection and Use of Single-Phase Motors |
| NFPA | Automatic Sprinkler Systems Handbook |
| NFPA | Flammable and Combustible Liquids Code Handbook |
| NFPA | Handbook of Fire Protection |
| NFPA | Hazard Classification Systems (Inactive) |
| NFPA | Hazardous Materials Response Handbook |
| NFPA | Health Care Facilities Handbook |
| NFPA | Life Safety Code Handbook |
| NFPA | Liquefied Petroleum Gases Handbook |
| NFPA | National Fuel Gas Code Handbook |
| NFPA | NEC Handbook |
| NFPA | NFPA 1500 Handbook |





| | Non-Government Standards Adopted by DOE |
|-----------------|--|
| Document Number | Document Title |
| NFPA | NFPA Handbook |
| NFPA 1 | Fire Prevention Code |
| NFPA 1 | Uniform Fire Prevention Code |
| NFPA 10 | Standard for Portable Fire Extinguishers |
| NFPA 1000 | Standard for Fire Service Professional Qualifications Accreditation and Certification Systems |
| NFPA 1000 | Standard for Fire Service Professional Qualifications Accreditation and Certification Systems 2006 |
| NFPA 1001 | Standard for Fire Fighter Professional Qualifications |
| NFPA 1002 | Standard for Fire Apparatus Driver/Operator Professional Qualifications |
| NFPA 1003 | Standard for Airport Fire Fighter Professional Qualifications |
| NFPA 1006 | Standard for Rescue Technician Professional Qualifications |
| NFPA 1006 | Standard for Rescue Technician Professional Qualifications 2008 |
| NFPA 101 | Life Safety Code |
| NFPA 101 | Code for Safety to Life from Fire in Buildings and Structures |
| NFPA 101A | Alternative Approaches to Life Safety |
| NFPA 101M | Manual on Alternative Approaches to Life Safety |
| NFPA 102 | Standard for Assembly Seating, Tents, and Membrane Structures |
| NFPA 1021 | Standard for Fire Officer Professional Qualifications |
| NFPA 1026 | Standard for Incident Management Personnel Professional Qualifications |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| NFPA 1031 | Standard for Professional Qualifications for Fire Inspector |
| NFPA 1033 | Standard for Professional Qualifications for Fire Investigator |
| NFPA 1035 | Standard for Professional Qualifications for Public Fire Educator |
| NFPA 1037 | Standard for Professional Qualifications for Fire Marshall 2007 |
| NFPA 1041 | Standard for Fire Service Instructor Professional Qualifications |
| NFPA 105 | Recommended Practice for the Installation of Smoke-Control Door Assemblies |
| NFPA 1051 | Standard for Wildland Fire Fighter Professional Qualifications |
| NFPA 1051 | Standard for Wildland Fire Fighter Professional Qualifications 2007 |
| NFPA 1061 | Standard for Professional Qualifications for Public Safety Telecommunicator 2007 |
| NFPA 1071 | Standard for Emergency Vehicle Technician Professional Qualifications |
| NFPA 1071 | Standard for Emergency Vehicle Technician Professional Qualifications 2006 |
| NFPA 1081 | Standard for Industrial Fire Brigade Member Professional Qualifications 2007 |
| NFPA 10L | Model Enabling Act for the Sale or Leasing and Servicing of Portable Fire Extinguishers |
| NFPA 10R | Recommended Practice for Portable Fire Extinguishing Equipment in Family Dwellings and Living Units |
| NFPA 11 | Standard for Low Expansion Foam and Combined Agent Systems |
| NFPA 110 | Standard for Emergency and Standby Power Systems |
| NFPA 111 | Stored Energy Emergency and Standby Power Systems |
| NFPA 1122 | Code for Unmanned Rockets |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| NFPA 1123 | Code for the Outdoor Display of Fireworks |
| NFPA 1124 | Code for the Manufacture, Transportation, and Storage of Fireworks |
| NFPA 1125 | Code for the Manufacture of Model Rocket Motors |
| NFPA 1126 | Standard for the Use of Pyrotechnics Before a Proximate Audience |
| NFPA 1141 | Standard for Fire Protection in Planned Building Groups |
| NFPA 1142 | Standard on Water Supplies for Suburban and Rural Fire Fighting |
| NFPA 1143 | Standard for Wildland Fire Management |
| NFPA 1143 | Standard for Wildland Fire Management 2009 |
| NFPA 1144 | Standard for Protection of Life and Property from Wildfire |
| NFPA 1145 | Guide for the Use of Class A Foams in Manual Structural Fire Fighting |
| NFPA 115 | Standard for Laser Fire Protection |
| NFPA 1150 | Standard on Foam Chemicals for Fires in Class A Fuels 2004 |
| NFPA 1151 | Infrastructure for Land Development in Wildland, Rural, and Suburban Areas |
| NFPA 1192 | Standard on Recreational Vehicles |
| NFPA 1194 | Standard for Recreational Vehicle Parks and Campgrounds |
| NFPA 11A | Standard for Medium- and High-Expansion Foam Systems |
| NFPA 11C | Standard for Mobile Foam Apparatus |
| NFPA 12 | Standard on Carbon Dioxide Extinguishing Systems |





| | Appendix B: Non-Government Standards Adopted by DOE |
|-----------------|--|
| Document Number | Document Title |
| NFPA 120 | Standard for Coal Preparation Plants |
| NFPA 1201 | Recommendations for Developing Fire Protection Services for the Public |
| NFPA 121 | Standard on Fire Protection for Self Propelled and Mobile Surface Mining Equipment |
| NFPA 122 | Standard for the Storage of Flammable and Combustible Liquids Within Underground Metal and Nonmetal Mines |
| NFPA 1221 | Standard for the Installation, Maintenance, and Use of Public Fire Service Communication Systems |
| NFPA 123 | Standard for Fire Prevention and Control in Underground Bituminous Coal Mines |
| NFPA 1231 | Standard on Water Supplies for Suburban and Rural Fire Fighting |
| NFPA 124 | Standard for Fire Protection of Diesel Fuel and Diesel Equipment in Underground Mines |
| NFPA 1250 | Recommended Practice in Emergency Service Organization Risk Management |
| NFPA 12A | Standard on Halon 1301 Fire Extinguishing Systems |
| NFPA 12B | Standard on Halon 1211 Fire Extinguishing Systems |
| NFPA 13 | Standard for the Installation of Sprinkler Systems |
| NFPA 130 | Standard for Fixed Guideway Transit Systems |
| NFPA 13A | Recommended Practice for the Inspection, Testing, and Maintenance of Sprinkler Systems |
| NFPA 13D | Standard for the Installation of Sprinkler Systems in One- and Two- Family Dwellings and Mobile Homes |
| NFPA 13E | Recommendations for Fire Department Operations in Properties Protected by Sprinkler and Standpipe Systems |
| NFPA 13R | Standard for the Installation of Sprinkler Systems in Residential Occupancies Up To and Including Four Stories in Height |
| NFPA 14 | Standard for the Installation of Standpipe and Hose Systems |





| Appendix B: Non-Government Standards Adopted by DOE | |
|--|---|
| Document Number | Document Title |
| NFPA 140 | Standard on Motion Picture and Television Production Studio Soundstages and Approved Production Facilities 2008 |
| NFPA 1401 | Recommended Practice for Training Reports and Records |
| NFPA 1402 | Guide to Building Fire Service Training Centers |
| NFPA 1403 | Standard on Live Fire Evolutions in Structures |
| NFPA 1404 | Standard for a Fire Department Self-Contained Breathing Apparatus Program |
| NFPA 1405 | Guide to Land-Based Fire Fighters Who Respond to Marine Vessel Fires |
| NFPA 1406 | Standard for Outside Live Fire Training Evolutions |
| NFPA 1407 | Standard for Training Fire Service Rapid Intervention Crews |
| NFPA 1410 | Training Standard on Initial Fire Attack |
| NFPA 1451 | Standard for a Fire Service Vehicle Operations Training Program |
| NFPA 1451 | Standard for a Fire Service Vehicle Operations Training Program 2007 |
| NFPA 1452 | Guide for Training Fire Department Personnel to Make Dwellings Fire Safety Surveys |
| NFPA 14A | Recommended Practice for the Inspection, Testing, and Maintenance of Standpipe and Hose Systems |
| NFPA 15 | Standard for Water Spray Fixed Systems for Fire Protection |
| NFPA 150 | Standard on Fire and Life Safety in Animal Housing Facilities |
| NFPA 1500 | Standard on Fire Department Occupational Safety and Health Program |
| NFPA 1521 | Standard for Fire Department Safety Officer |
| NFPA 1561 | Standard on Fire Department Incident Management Systems |





| | Non-Government Standards Adopted by DOE |
|-----------------|--|
| Document Number | Document Title |
| NFPA 1581 | Standard on Fire Department Infection Control Program |
| NFPA 1582 | Standard on Medical Requirements for Fire Fighters |
| NFPA 1583 | Standard on Health-Related Fitness Programs for Fire Fighters 2008 |
| NFPA 1584 | Recommended Practice on the Rehabilitation of Members Operating at Incident Scene Operations and Training Exercises |
| NFPA 16 | Standard on Deluge Foam Water Sprinkler and Foam Water Spray Systems |
| NFPA 160 | Standard for the Use of Flame Effects Before an Audience 2006 |
| NFPA 160 | Standard on Flame Affects before a Live Audience |
| NFPA 1600 | Disaster/Emergency Management and Business Continuity |
| NFPA 1620 | Recommended Practice for Pre-Incident Planning |
| NFPA 1670 | Standard on Operations and Training for Technical Search and Rescue Incidents 2004 |
| NFPA 16A | Recommended Practice for the Installation of Closed-Head Foam-Water Sprinkler Systems |
| NFPA 17 | Standard for Dry Chemical Extinguishing Systems |
| NFPA 17 | Standard for Dry Chemical Extinguishing Systems |
| NFPA 170 | Standard for Fire Safety Symbols |
| NFPA 1710 | Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments |
| NFPA 17A | Standard for Wet Chemical Extinguishing Systems |
| NFPA 17A | Standard on Wet Chemical Extinguishing Systems |
| NFPA 18 | Standard on Wetting Agents |





| Appendix B: Non-Government Standards Adopted by DOE | |
|--|---|
| Document Number | Document Title |
| NFPA 1801 | Standard on Thermal Imagers for the Fire Service |
| NFPA 1851 | Standard on Selection, Care, and Maintenance of Structural Fire Fighting Protective Ensembles |
| NFPA 1851 | Standard on Selection, Care, and Maintenance of Structural Fire Fighting Protective Ensembles 2008 |
| NFPA 1852 | Selection, Care, and Maintenance of Open-Circuit Self Contained Breathing Apparatus (SCBA) |
| NFPA 1855 | Standard for Selection, Care, and Maintenance of Protective Ensembles for Technical Rescue Incidents |
| NFPA 18A | Standard on Water Additives for Fire Control and Vapor Mitigation |
| NFPA 1901 | Standard for Pumper Fire Apparatus |
| NFPA 1902 | Standard for Initial Fire Attack Apparatus |
| NFPA 1903 | Standard for Mobile Water Supply Fire Apparatus |
| NFPA 1904 | Standard for Aerial Ladder and Elevating Platform Fire Apparatus |
| NFPA 1906 | Standard for Wildland Fire Apparatus |
| NFPA 1906 | Standard for Wildland Fire Apparatus 2006 |
| NFPA 1911 | Standard for Service Tests of Pumps on Fire Department Apparatus |
| NFPA 1912 | Standard for Fire Apparatus Refurbishing 2006 |
| NFPA 1914 | Standard for Testing Fire Department Aerial Devices |
| NFPA 1915 | Standard for Fire Apparatus Preventive Maintenance Program |
| NFPA 1921 | Standard for Fire Department Portable Pumping Units |
| NFPA 1931 | Standard on Design of and Design Verification Tests for Fire Department Ground Ladders |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| NFPA 1932 | Standard on Use, Maintenance, and Service Testing of Fire Department Ground Ladders |
| NFPA 1936 | Standard on Powered Rescue Tools |
| NFPA 1936 | Standard on Powered Rescue Tools 2005 |
| NFPA 1951 | Standard on Protective Ensemble for USAR Operations |
| NFPA 1951 | Standard on Protective Ensemble for USAR Operations 2007 |
| NFPA 1961 | Standard on Fire Hose |
| NFPA 1962 | Standard for the Care, Use, and Service Testing of Fire Hose Including Couplings and Nozzles |
| NFPA 1963 | Standard for Screw Threads and Gaskets for Fire Hose Connections |
| NFPA 1964 | Standard for Spray Nozzles (Shut Off and Tip) |
| NFPA 1965 | Standard for Fire Hose Appliances |
| NFPA 1965 | Standard for Fire Hose Appliances 2003 |
| NFPA 1971 | Standard on Protective Clothing for Structural Fire Fighting |
| NFPA 1972 | Standard on Helmets for Structural Fire Fighting |
| NFPA 1973 | Standard on Gloves for Structural Fire Fighting |
| NFPA 1974 | Standard for Protective Footwear for Structural Fire Fighting |
| NFPA 1975 | Standard on Station/Work Uniforms for Fire Fighters |
| NFPA 1976 | Standard on Protective Clothing for Proximity Fire Fighting |
| NFPA 1977 | Standard on Protective Clothing and Equipment for Wildland Fire Fighting |





| | Appendix B: Non-Government Standards Adopted by DOE |
|-----------------|--|
| Document Number | Document Title |
| NFPA 1977 | Standard on Protective Clothing and Equipment for Wildland Fire Fighting 2005 |
| NFPA 1981 | Standard on Open-Circuit Self Contained Breathing Apparatus for Fire Fighters |
| NFPA 1982 | Standard on Personal Alert Safety Systems (PASS) for Fire Fighters |
| NFPA 1983 | Standard on Fire Service Life Safety Rope, Harness, and Hardware |
| NFPA 1989 | Standard on Breathing Air Quality for Emergency Services Respiratory Protection |
| NFPA 1991 | Standard on Vapor Protective Suits for Hazardous Chemical Emergencies |
| NFPA 1992 | Standard on Liquid Splash-Protective Suits for Hazardous Chemical Emergencies |
| NFPA 1993 | Standard on Support Function Protective Garments for Hazardous Chemical Operations |
| NFPA 1994 | Standard on Protective Ensembles for Chemical/Biological Terrorism Incidents |
| NFPA 1999 | Standard on Protective Clothing for Emergency Medical Operations |
| NFPA 2 | Hydrogen Technologies Code |
| NFPA 20 | Standard for the Installation of Centrifugal Fire Pumps |
| NFPA 2001 | Standard for Clean Agent Fire Extinguishing Systems |
| NFPA 2010 | Standard for Fixed Aerosol Fire Extinguishing Systems 2006 |
| NFPA 203 | Guideline on Roof Coverings and Roof Deck Construction |
| NFPA 204M | Guide for Smoke and Heat Venting |
| NFPA 211 | Standard for Chimneys, Fireplaces and Vents |
| NFPA 211 | Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances |





| | Appendix B: Non-Government Standards Adopted by DOE |
|-----------------|---|
| Document Number | Document Title |
| NFPA 2112 | Standard on Flame-Resistant Garments for Protection of Industrial Personnel Against Flash Fire |
| NFPA 2112 | Standard on Flame-Resistant Garments for Protection of Industrial Personnel Against Flash Fire 2007 |
| NFPA 2113 | Standard on Selection, Care, Use, and Maintenance of Flame-Resistant Garments for Protection of Industrial Personnel Against Flash Fire |
| NFPA 2113 | Standard on Selection, Care, Use, and Maintenance of Flame-Resistant Garments for Protection of Industrial Personnel Against Flash Fire 2007 |
| NFPA 214 | Standard on Water Cooling Towers |
| NFPA 22 | Standard for Water Tanks for Private Fire Protection |
| NFPA 220 | Standard on Types of Building Construction |
| NFPA 221 | Standard for Fire Walls and Fire Barrier Walls |
| NFPA 225 | Model Manufactured Home Installation Standard |
| NFPA 230 | Standard for the Fire Protection of Storage |
| NFPA 231 | Standard for General Storage |
| NFPA 231C | Standard for Rack Storage of Materials |
| NFPA 231D | Standard for Storage of Rubber Tires |
| NFPA 231F | Standard for Storage of Roll Paper |
| NFPA 232 | Standard for the Protection of Records |
| NFPA 232A | Guide for Fire Protection for Archives and Records Centers, 1995 |
| NFPA 232AM | Manual for Fire Protection for Archives and Record Centers |
| NFPA 24 | Standard for the Installation of Private Fire Service Mains and Their Appurtenances |





| | Appendix B: Non-Government Standards Adopted by DOE |
|-----------------|---|
| Document Number | Document Title |
| NFPA 241 | Standard for Safeguarding Construction, Alteration, and Demolition Operations |
| NFPA 25 | Water-Based Extinguishing Systems |
| NFPA 25 | Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems |
| NFPA 25 | Standard for the Inspection, Testing, and Maintenance of Water-Based Protection Systems |
| NFPA 251 | Standard Method of Fire Tests of Building Construction and Materials |
| NFPA 252 | Standard Method of Fire Tests of Door Assemblies |
| NFPA 253 | Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source |
| NFPA 255 | Standard Method of Test of Surface Burning Characteristics of Building Materials |
| NFPA 256 | Standard Method of Fire Test of Roof Coverings |
| NFPA 257 | Standard for Fire Tests of Window Assemblies |
| NFPA 258 | Standard Research Test Method for Determining Smoke Generation of Solid Materials |
| NFPA 259 | Standard Test Method for Potential Heat of Building Materials |
| NFPA 26 | Recommended Practice for the Supervision of Valves Controlling Water Supplies for Fire Protection |
| NFPA 260 | Standard Method of Tests and Classification Systems for Cigarette Ignition Resistance of Components of Upholstered Furniture |
| NFPA 261 | Standard Method of Test for Determining Resistance of Mock-Up Upholstered Furniture Material to Ignition by Smoldering Cigarettes |
| NFPA 262 | Standard Method of Test for Fire and Smoke Characteristics of Wires and Cables |
| NFPA 263 | Standard Test for Heat and Visible Smoke Release Rates |
| NFPA 264 | Standard Method of Test for Heat and Visible Smoke Release Rates for Materials and Products Using Oxygen Consumption Calorimeter |





| Appendix B: Non-Government Standards Adopted by DOE | | |
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| Document Number | Document Title | |
| NFPA 264A | Standard Method of Test for Heat Release Rates of Upholstered Furniture Components or Composites and Mattresses Using an Oxygen Consumption Calorimeter | |
| NFPA 291 | Recommended Practices for Fire Flow Testing and Marking of Hydrants | |
| NFPA 295 | Standard for Wildfire Control | |
| NFPA 297 | Guide on Telecommunications Systems—Principles and Practices for Rural and Forestry Services | |
| NFPA 298 | Standard on Foam Chemicals for Wildland Fire Control | |
| NFPA 299 | Standard on Protection of Life and Property from Wildfire | |
| NFPA 3 | Recommended Practice for Commissioning of Fire Protection and Life Safety Systems | |
| NFPA 30 | Flammable and Combustible Liquids Code | |
| NFPA 30 | Flammable and Combustible Liquids Code | |
| NFPA 302 | Fire Protection Standard for Pleasure and Commercial Motor Craft | |
| NFPA 303 | Fire Protection Standard for Marinas and Boatyards | |
| NFPA 306 | Standard for the Control of Gas Hazards on Vessels | |
| NFPA 307 | Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves | |
| NFPA 30A | Automotive and Marine Service Station Code | |
| NFPA 30B | Code for the Manufacture and Storage of Aerosol Products | |
| NFPA 31 | Standard for the Installation of Oil Burning Equipment | |
| NFPA 312 | Standard for Fire Protection of Vessels During Construction, Repair and Layup | |
| NFPA 318 | Standard for the Protection of Cleanrooms | |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| NFPA 32 | Standard for Drycleaning Plants |
| NFPA 321 | Standard on Basic Classification of Flammable and Combustible Liquids |
| NFPA 325M | Fire Hazard Properties of Flammable Liquids, Gases, and Volatile Solids |
| NFPA 326 | Standard for the Safeguarding of Tanks and Containers for Entry, Cleaning, or Repair |
| NFPA 326 | Standard for the Safeguards of Tanks and Containers for Entry, Cleaning or Repair 2005 |
| NFPA 327 | Standard Procedures for Cleaning or Safeguarding Small Tanks and Containers |
| NFPA 328 | Recommended Practice for the Control of Flammable and Combustible Liquids and Gases in Manholes, Sewers, and Similar Underground Structures |
| NFPA 329 | Recommended Practices for Handling Underground Releases of Flammable and Combustible Liquids |
| NFPA 33 | Standard for Spray Application Using Flammable and Combustible Liquids |
| NFPA 34 | Standard for Dipping and Coating Processes Using Flammable or Combustible Liquids 2007 |
| NFPA 35 | Standard for the Manufacture of Organic Coatings |
| NFPA 36 | Standard for Solvent Extraction Plants |
| NFPA 37 | Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines |
| NFPA 385 | Standard for Tank Vehicles for Flammable and Combustible Liquids |
| NFPA 386 | Standard for Portable Shipping Tanks for Flammable and Combustible Liquids |
| NFPA 395 | Standard for the Stoppage of Flammable and Combustible Liquids on Farms and Isolated Construction Projects |
| NFPA 4 | Standard for Integrated Fire Protection and Life Safety System Testing |
| NFPA 40 | Standard for the Storage and Handling of Cellulose Nitrate Motion Picture Film |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| NFPA 400 | Hazardous Materials Code |
| NFPA 402M | Manual for Aircraft Rescue and Fire Fighting Operational Procedures |
| NFPA 403 | Standard for Aircraft Rescue and Fire Fighting Operational Procedures |
| NFPA 403 | Standard for Aircraft Rescue and Firefighting Service at Airports and Heliports |
| NFPA 407 | Standard for Aircraft Fuel Servicing |
| NFPA 408 | Standard for Aircraft Hand Fire Extinguishers |
| NFPA 409 | Standard on Aircraft Hangers |
| NFPA 40E | Code for the Storage of Pyroxylin Plastic |
| NFPA 410 | Standard on Aircraft Maintenance |
| NFPA 412 | Standard for Aircraft Foam, Fire Fighting Vehicles, Test Procedures |
| NFPA 414 | Standard for Aircraft Rescue, Fire Fighting Vehicles |
| NFPA 415 | Standard on Aircraft Fueling Ramp Drainage |
| NFPA 416 | Standard on Aircraft Terminal Buildings |
| NFPA 417 | Standard on Aircraft Loading Walkways |
| NFPA 418 | Standard for Heliports |
| NFPA 419 | Guide for Master Planning Airport Water Supply Systems for Fire Protection |
| NFPA 422M | Manual for Aircraft Fire and Explosion Investigators |
| NFPA 423 | Standard for Construction and Protection of Aircraft Engine Test Facilities |





| Document Number | Non-Government Standards Adopted by DOE Document Title |
|-----------------|---|
| NFPA 424M | Manual for Airport/Community Emergency Planning |
| NFPA 430 | Liquid and Solid Oxidizers |
| NFPA 432 | Code for the Storage of Organic Peroxide Formulations |
| NFPA 434 | Code for the Storage of Pesticides |
| NFPA 434 | Code for the Storage of Pesticides 2002 |
| NFPA 43A | Code for the Storage of Liquid and Solid Oxidizing Materials |
| NFPA 43B | Code for the Storage of Organic Peroxide Formulation |
| NFPA 43C | Code for the Storage of Gaseous Oxidizing Materials |
| NFPA 43D | Code for Storage of Pesticides in Portable Containers |
| NFPA 45 | Standard on Fire Protection for Laboratories Using Chemicals |
| NFPA 450 | Guide for Emergency Medical Services and Systems |
| NFPA 46 | Recommended Safe Practice for Storage of Forest Products |
| NFPA 471 | Recommended Practice for Responding to Hazardous Material Incidents |
| NFPA 472 | Standard for Professional Competence of Responders to Hazardous Materials Incidents |
| NFPA 473 | Standard for Competence for EMS Operations at Hazardous Materials Incidents |
| NFPA 480 | Guide for the Storage, Handling and Processing of Magnesium |
| NFPA 481 | Standard for the Production, Processing, Handling and Storage of Titanium |
| NFPA 482 | Standard for the Production, Processing, Handling and Storage of Zirconium |





| | Non-Government Standards Adopted by DOE |
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| Document Number | Document Title |
| NFPA 484 | Standard for Combustible Metals |
| NFPA 485 | Lithium Metal Storage, Handling, Fabrication, and Use of |
| NFPA 49 | Hazardous Chemicals Data |
| NFPA 490 | Code for the Storage of Ammonium Nitrate |
| NFPA 491M | Manual of Hazardous Chemical Reactions |
| NFPA 495 | Explosives Materials Code |
| NFPA 496 | Standard for Purged and Pressurized Enclosures for Electrical Equipment in Hazardous Locations |
| NFPA 497A | Recommended Practice for Classification of Class I Hazardous Locations for Electrical Installations in Chemical Process Areas |
| NFPA 497B | Recommended Practice for Classification of Class II Hazardous Locations for Electrical Installations in Chemical Process Areas |
| NFPA 497M | Manual for Classification of Gases, Vapors and Dusts for Electrical Equipment in Hazardous Locations |
| NFPA 498 | Standard for Explosives Motor Vehicle Terminals |
| NFPA 499 | Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas |
| NFPA 50 | Standard for Bulk Oxygen Systems at Consumer Sites |
| NFPA 5000 | Building Construction and Safety Code |
| NFPA 501 | Standard on Manufactured Housing |
| NFPA 501A | Standard for Fire Safety Criteria for Manufactured Home Installations, Sites and Communities |
| NFPA 501C | Standard on Recreational Vehicles |
| NFPA 501D | Standard for Recreational Vehicle Parks and Campgrounds |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| NFPA 502 | Recommended Practice for Fire Protection For Limited Access Highways, Tunnels, Bridges, Elevated Roadways and Air Right Structures |
| NFPA 505 | Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Maintenance, and Operation |
| NFPA 505 | Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations |
| NFPA 50A | Standard for Gaseous Hydrogen Systems at Consumer Sites |
| NFPA 50B | Standard for Liquefied Hydrogen Systems at Consumer Sites |
| NFPA 51 | Standard for the Design and Installation of Oxygen-Fuel Gas Systems for Welding, Cutting, and Allied Processes (National Fire Code, Vol. 2) |
| NFPA 512 | Standard for Truck Fire Protection |
| NFPA 513 | Standard for Motor Freight Terminals |
| NFPA 51A | Standard for Acetylene Cylinder Charging Plants |
| NFPA 51B | Standard for Fire Protection in Use of Cutting and Welding Processes |
| NFPA 51B | Standard for Fire Prevention During Welding, Cutting, and Other Hot Work |
| NFPA 52 | Standard for Compressed Natural Gas Vehicular Fuel Systems |
| NFPA 520 | Standard on Subterranean Spaces 2005 |
| NFPA 53 | Recommended practice on Materials, Equipment, and Systems Used in Oxygen Enriched Atmospheres |
| NFPA 53M | Manual on Fire Hazards in Oxygen-Enriched Atmospheres |
| NFPA 54 | National Fuel Gas Code |
| NFPA 54 | ANSI Z223.1-2002 National Fuel Gas Code |
| NFPA 55 | Storage and Handling of Cylinder Gases |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| NFPA 550 | Guide to the Fire Safety Concepts Tree |
| NFPA 551 | Guide for the Evaluation of Fire Risk Assessments |
| NFPA 555 | Guide on Methods for Evaluating Potential for Room Flashover |
| NFPA 556 | Guide on Methods for Evaluating Fire Hazard to Occupants of Passenger Road Vehicles |
| NFPA 557 | Standard for Determination of Fire Loads for Use in Structural Fire Protection Design |
| NFPA 56 | Standard for Fire and Explosion Prevention During Cleaning and Purging of Flammable Gas Piping Systems |
| NFPA 560 | Standard for the Storage, Handling, and Use of Ethylene Oxide for Sterilization and Fumigation |
| NFPA 57 | Liquefied Natural Gas (LNG) Vehicular Fuel Systems Code |
| NFPA 58 | Standard for Storage and Handling of Liquefied Petroleum Gases |
| NFPA 59 | Standard for the Storage and Handling of Liquefied Petroleum Gases at Utility Gas Plants |
| NFPA 59A | Standard for the Production, Storage, and Handling of Liquefied Natural Gas |
| NFPA 600 | Standard on Industrial Fire Brigades |
| NFPA 601 | Standard for Guard Services in Fire Loss Prevention |
| NFPA 61A | Standard for the Prevention of Fires and Dust Explosions in Facilities Manufacturing and Handling Starch |
| NFPA 61B | Standard for the Prevention of Fires and Dust Explosions in Grain Elevators Facilities Handling Bulk Raw Agricultural Commodities |
| NFPA 61C | Standard for the Prevention of Fires and Dust Explosions in Feed Mills |
| NFPA 65 | Aluminum Processing and Finishing |
| NFPA 650 | Standard for Pneumatic Conveying Systems for Handling Combustible Materials |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| NFPA 651 | Standard for the Manufacture of Aluminum and Magnesium Powder |
| NFPA 654 | Standard for the Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastic Industries |
| NFPA 655 | Standard for Sulfur Fires and Explosions |
| NFPA 664 | Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking |
| NFPA 67 | Guide on Explosion Protection for Gaseous Mixtures in Pipe Systems |
| NFPA 68 | Guide for the Venting of Deflagration |
| NFPA 69 | Standard on Explosion Prevention |
| NFPA 70 | National Electric Code (NEC) |
| NFPA 701 | Standard Methods of Fire Tests for Flame-Resistant Textiles and Films |
| NFPA 702 | Flame Field Test for Flame Resistant Textiles and Films (replaced by NFPA 705) |
| NFPA 703 | Standard for Fire Retardant Impregnated Wood and Fire Retardant Coatings for Building Materials |
| NFPA 704 | Standard System for the Identification of the Fire Hazards of Materials |
| NFPA 705 | Field Flame Test for Textiles and Films |
| NFPA 70A | Electrical Code for One and Two Family Dwellings |
| NFPA 70B | Recommended Practice for Electrical Equipment Maintenance |
| NFPA 70E | Standard for Electrical Safety in the Workplace |
| NFPA 71 | Standard for the Installation, Maintenance and Use of Central Station Service Signaling Systems |
| NFPA 72 | National Fire Alarm Code Handbook |





| | Appendix B: Non-Government Standards Adopted by DOE |
|-----------------|---|
| Document Number | Document Title |
| NFPA 720 | Standard for the Installation of Carbon Monoxide (CO) Warning Equipment in Dwelling Units |
| NFPA 720 | Standard for the Installation of Carbon Monoxide (CO) Warning Equipment in Dwelling Units 2009 |
| NFPA 72A | Installation, Maintenance and Use of Local Protective Signaling Systems (incorporated into NFPA 72) |
| NFPA 72B | Installation, Maintenance and Use of Auxiliary Protective Signaling Systems (incorporated into NFPA 72) |
| NFPA 72C | Installation, Maintenance and Use of Remote Station Signaling Systems (incorporated into NFPA 72) |
| NFPA 72D | Installation, Maintenance and Use of Proprietary Protective Signaling Systems (incorporated into NFPA 72) |
| NFPA 72E | Standard on Automatic Fire Detectors |
| NFPA 72F | Standard on Emergency Voice/Alarm Communication Systems |
| NFPA 72G | Guide for the Installation, Maintenance, and Use of Notification Appliances for Protective Signaling Systems |
| NFPA 72H | Guide for Testing Procedures for Local, Auxiliary, Remote Station and Proprietary Notification Appliance for Protective Signaling Systems |
| NFPA 73 | Electrical Inspection Code for Existing Dwellings |
| NFPA 730 | Guide for Premises Security |
| NFPA 731 | Standard for the Installation of Electronic Premises Security Systems |
| NFPA 74 | Standard for the Installation, Maintenance, and Use of Household Fire Warning Equipment |
| NFPA 75 | Standard for the Protection of Electronic Computer/Data Processing Equipment |
| NFPA 750 | Standard for Water Mist Fire Protection Systems |
| NFPA 76 | Standard for the Fire Protection of Telecommunications Facilities |
| NFPA 76 | Standard for the Fire Protection of Telecommunications Facilities 2009 |





| Document Number | Non-Government Standards Adopted by DOE Document Title |
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| Document Number | |
| NFPA 77 | Recommended Practice on Static Electricity |
| NFPA 780 | Lightning Protection Code |
| NFPA 79 | Electrical Standard for Industrial Machinery |
| NFPA 790 | Standard for Competency of Third-Party Field Evaluation Bodies |
| NFPA 791 | Recommended Practice and Procedures for Unlabeled Electrical Equipment Evaluation |
| NFPA 80 | Standard for Fire Doors and Windows |
| NFPA 801 | Recommended Fire Protection Practice for Facilities Handling Radioactive Materials |
| NFPA 801 | Standard for Fire Protection for Facilities Handling Radioactive Material |
| NFPA 802 | Recommended Fire Protection Practice for Nuclear Research Reactors |
| NFPA 803 | Standard for Fire Protection for Light Water Nuclear Power Plants |
| NFPA 804 | Standard for Fire Protection for Advanced Light Water Reactor Electric Generating Plants 2006 |
| NFPA 805 | Performance3-Based Standard for Fire Protection for Light Water Reactor Electric Generating Plants 2006 |
| NFPA 80A | Recommended Practice for Protection from Exterior Exposure Fires |
| NFPA 82 | Standard on Incinerators, Water and Linen Handling Systems and Equipment |
| NFPA 820 | Recommended Practice for Fire Protection in Wastewater Treatment Plants |
| NFPA 85 | Boiler and Combustion Systems Hazards |
| NFPA 850 | Fire Protection for Recommended Practice for Fire Protection for Electric Generating Plants |
| NFPA 8501 | Standard for Single Boiler Burner Operation |





| Document Number | Document Title |
|-----------------|---|
| NFPA 8502 | Prevention of Furnace Explosions/Implosions in Multiple Burner Boilers |
| NFPA 8503 | Standard for Pulverized Fuel Systems |
| NFPA 8504 | Standard on Atmospheric Fluidized Bed Boiler Operation |
| NFPA 8505 | Recommended Safe Practice for Stoker Operations |
| NFPA 8506 | Standard on Heat Recovery Steam Generator Systems |
| NFPA 851 | Recommended Practice for Fire Protection for Hydroelectric Generating Plants |
| NFPA 853 | Standard for the Installation of Stationary Fuel Cell Power Systems |
| NFPA 853 | Standard for the Installation of Stationary Fuel Cell Power Systems 2007 |
| NFPA 85A | Standard for Prevention of Furnace Explosions in Fuel Oil and Natural Gas Fired Single Burner Boiler Furnaces |
| NFPA 85B | Standard for Prevention of Furnace Explosions in Natural Gas Fired Multiple Burner Boiler Furnaces |
| NFPA 85C | Standard for the Prevention of Furnace Explosions in Fuel Oil Fired Multiple Burner Boiler Furnaces |
| NFPA 85E | Standard for Prevention of Furnace Explosions in Pulverized Coal Fired Multiple Burner Boiler Furnaces |
| NFPA 85F | Standard for the Installation and Operation of Pulverized Fuel Systems |
| NFPA 85G | Standard for the Prevention of Furnace Implosions in Multiple Burner-Boiler Furnaces |
| NFPA 85H | Standard for Prevention of Combustion Hazards in Atmospheric Fluidized Bed Combustion Systems |
| NFPA 86 | Standard for Ovens and Furnaces |
| NFPA 86C | Standard for Industrial Furnaces Using a Special Processing Atmosphere |
| NFPA 86D | Standard for Industrial Furnaces Using Vacuum as an Atmosphere |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| NFPA 87 | Recommended Practice for Fluid Heaters |
| NFPA 88A | Standard for Parking Structures |
| NFPA 88B | Standard for Repair Garages |
| NFPA 900 | Building Energy Code |
| NFPA 901 | Uniform Coding for Fire Protection |
| NFPA 902M | Fire Reporting Field Incident Manual |
| NFPA 903 | Fire Reporting Property Survey Guide |
| NFPA 904 | Incident Follow-up Report Guide |
| NFPA 906M | Guide for Fire Incident Field Notes |
| NFPA 907M | Manual for the Determination of Electrical Fire Causes |
| NFPA 909 | Code for the Protection of Cultural Resource Properties - Museums, Libraries and Places of Worship |
| NFPA 909 | Code for the Protection of Cultural Resources Properties - Museums, Libraries, and Places of Worship 2005 |
| NFPA 90A | Installation of Air-Conditioning and Ventilation Systems |
| NFPA 90A | Standard for the Installation of Air Conditioning and Ventilation Systems |
| NFPA 90B | Standard for the Installation of Warm Air Heating and Air Conditioning Systems |
| NFPA 91 | Standard for Exhaust Systems for Air Conveying of Materials |
| NFPA 910 | Recommended Practice for the Protection of Libraries and Library Collections from Fire |
| NFPA 911 | Recommended Practice for the Protection of Museums and Museum Collections from Fire |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| NFPA 912 | Recommended Practice for Fire Protection in Places of Worship |
| NFPA 913 | Recommended Practice for the Protection of Historic Structures and Sites |
| NFPA 914 | Recommended Practice for Fire Protection in Rehabilitation and Adaptive Reuse of Historic Structures |
| NFPA 921 | Guide for Fire and Explosion Investigations |
| NFPA 92A | Recommended Practice for Smoke Control Systems |
| NFPA 92B | Guide for Smoke Management Systems in Malls, Atria and Large Areas |
| NFPA 96 | Standard for the Installation of Equipment for the Removal of Smoke and Grease Laden Vapors from Commercial Cooking Equipment |
| NFPA 97 | Standard Glossary of Terms Relating to Chimney, Vents, Heat Producing Appliances |
| NFPA 99 | Standard for Health Care Facilities |
| NFPA 99B | Standard for Hypobaric Facilities |
| NFRC 100 | Procedure for Determining Fenestration Product Thermal Properties |
| NFRC 200 | Procedure for Determining Fenestration Product Solar Heat Gain Coefficients at Normal Incidence |
| NISO Z 39.14 | Writing Abstracts |
| NISO Z 39.16 | Preparation of Scientific Papers for Written or Oral Presentation |
| NISO Z 39.18 | Scientific and Technical Reports |
| NISO Z 39.23 | Standard Technical Report Number (STRN)—Format and Creation |
| NISO Z 39.31 | Format for Scientific and Technical Translations |
| NMFC-100 | National Motor Carrier Freight Classifications |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| NRCA | Construction Details |
| NRCA | Handbook of Accepted Roofing Knowledge |
| NRCA | Roofing and Waterproofing Manual |
| NRCA | Steep Roofing Manual |
| NRMCA | Certification of Ready-Mixed Concrete Production Facilities, Latest Revision |
| NSC | Accident Prevention Manual for Industrial Operations |
| NSC | Aviation Ground Operation Safety Handbook |
| NSC | Fundamentals of Industrial Hygiene |
| NSC | Management Safety Policies and Procedures |
| NSC | Motor Fleet Safety Manual |
| NSC | Supervisor's Safety Manual |
| NSF | National Sanitation Foundation Standards |
| NWMA IS 5 | Industry Standard for Ponderosa Wood Doors |
| NWWA (now NGWA) | Manual of Groundwater Sampling Procedures |
| NWWDA 101/IS 2 | Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors |
| NWWDA 101/IS 3 | Wood Sliding Patio Doors |
| NWWDA IS-1 | Series for Wood Flush Doors |
| NWWDA IS-2 | Industry Standard for Wood Window Units |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| NWWDA IS-3 | Industry Standard for Wood Sliding Patio Doors |
| NWWDA IS-6 | Industry Standard for Wood Style and Rail Doors |
| NWWDA IS-7 | Industry Standard for Wood Skylight/Roof Window Units |
| OHSAS 18001 | Occupational Health and Safety Management Specifications |
| OHSAS 18001 | Occupational Health and Safety Management Specifications |
| PCA | Clear Coatings for Exposed Architectural Concrete |
| PCA | Effect of Substances on Concrete and Guide to Protective Treatment |
| PCA | Painting Concrete |
| PCA | Surface Treatments for Concrete Floors |
| PCI MNL-116 | Manual for Quality Control for Plants and Production of Precast and Prestressed Concrete Products |
| PCI MNL-120 | Design Handbook |
| PCI-DSS V3.1 | Payment Card Industry Data Standard Version 3.1 |
| PCI-DSS V3.1 | Payment Card Industry Data Security Standard Version 3.1 |
| PCSA-4 | Mobile Power Crane and Excavator Standards and Hydraulic Crane Standards |
| PDCA | Architectural Painting and Wall Covering Manual (Inactive) |
| PTI | Post-Tensioning Manual |
| RAC-1 | Room Air Conditioners |
| RFCI | Recommended Work Procedures for Resilient Floor Covering |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| SAE J 397 | Critical Zone Characteristics and Dimensions for Operators of Construction and Industrial Machinery [IBR 29 CFR 1926.1001] |
| SAE J-227a | Electric Vehicle Test Procedure |
| SAE J429k | Mechanical and Material Requirements for Externally Threaded Fasteners |
| SAE/EIA 649B | Configuration Management Standard |
| Safety Library Publication No. 22 | 2 Institute for Manufacturers of Explosives Standard 22 |
| SBCCI SBC | Standard Building Code |
| SDI 100 | Steel Doors and Frames |
| SDI 102 | Recommended Installation Standard For Insulated Steel Door Systems |
| SDI 108 | Recommended Selection and Usage Guide for Standard Steel Doors |
| SDI 25 | Design Manual for Composite Decks, Form Decks and Roof Decks |
| SDI A250.8 | Recommended Specifications for Standard Steel Doors and Frames (Steel Door Institute) |
| SDI DDM 01 | Diaphragm Design Manual |
| SFPE | Society of Fire Protection Engineers (SFPE) Handbook |
| SJI | Standard Specifications Load Tables and Weight Tables for Steel Joists and Joist Girders |
| SMA 2005 (SMS 2006) | Specifications for Aluminum Sliding Screen Doors |
| SMA 3001 | Aluminum Swinging Screen Doors |
| SMACNA | Architectural Sheet Metal Manual |
| SMACNA | Energy Recovery Equipment and Systems Manual |





| | Non-Government Standards Adopted by DOE |
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| Document Number | Document Title |
| SMACNA | Fibrous Glass Duct Construction Standards |
| SMACNA | Fire Damper Guide for Air Handling Systems |
| SMACNA | HVAC Air Duct Leakage Test Manual |
| SMACNA | HVAC Duct Construction Standards-Metal and Flexible |
| SMACNA | HVAC Systems Duct Design Manual |
| SMACNA | Round Industrial Duct Construction Standards |
| SPRI | Single Ply Roofing: A Professional's Guide to Specifications |
| SPRI | Wind Design Guide for Ballasted Single Ply Roofing Systems |
| SPRI | Wind Design Guide for Fully Adhered Single Ply Roofing Systems |
| SPRI | Wind Design Guide for Mechanically Attached Single Ply Roofing Systems |
| SSFI SH 300 | Steel Frame Shoring Safety |
| SSPC A | Good Painting Practice Steel Structures Painting Manual Volume 1 |
| SSPC-Vis 1 | Pictorial Surface Preparation Standards for Painting Steel Surfaces |
| SSPCA AB1 | Mineral and Slag Abrasives |
| SSPCA AB2 | Specification for Cleanliness of Recycled Ferrous Metallic Abrasives |
| SSPCA AB3 | Ferrous Metallic Abrasive |
| SWI | Specifications Brochure for Steel Windows |
| TIA/EIA 526-7 and 14 | Standard Test Procedures for Fiber Optic Systems |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| TIA/EIA 568-B1 thru B3 | Commercial Building Telecommunications Cabling Standard |
| TIA/EIA 569 A thru A-7 | Commercial Building Standard for Telecommunications Pathways and Spaces |
| TIA/EIA 598 | Optical Fiber Cable Color Coding |
| TIA/EIA 607 | Commercial Building Grounding (Earthing) and Bonding Requirements for Telecommunications |
| TIA/EIA 758 | Customer-Owned Outside Plant Telecommunications Cabling Standard |
| TIA/EIA-222-F | Structural Standards for Steel Antenna Towers and Antenna Supporting Structures |
| Tire and Rim Manufacturer's Association | Recommended Practices for Fleet Operations |
| UL | Building Materials Directory |
| UL | Definition of 1.5 Hour or Greater Fire Resistance Rating (see UL 72) |
| UL | Fire Resistance Directory |
| UL | Product Directories of Underwriters Laboratories and Suppliers |
| UL 1034 | Burglary-Resistant Electric Locking Mechanisms |
| UL 1076 | Proprietary Burglar Alarm Units and Systems |
| UL 10A | Standard for Safety Tin Clad Fire Doors |
| UL 10B | Fire Tests of Door Assemblies |
| UL 13 | Power-Limited Circuit Cables |
| UL 1310 | Class 2 Power Units |
| UL 1316 | UL Standard for Safety Glass-Fiber-Reinforced Plastic Underground Storage Tanks for Petroleum Products, Alcohols, and Alcohol-Gasoline Mixtures |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| UL 1479 | Standard for Fire Test of Through-Penetration Firestops |
| UL 155 | Standard for Safety Tests for Fire Resistance for Vault and File Room Doors |
| UL 1610 | Central-Station Burglar-Alarm Units |
| UL 1651 | Optical Fiber Cable |
| UL 17 | Vent or Chimney Connector Dampers for Oil-Fired Appliances |
| UL 1778 | Uninterruptible Power Supply Systems |
| UL 1995 | Heating and Cooling Equipment |
| UL 207 | Standard for Safety Refrigerant-Containing Components and Accessories, Nonelectrical |
| UL 294 | Access Control System Units |
| UL 296 | Oil Burners |
| UL 3044 | Surveillance Closed Circuit Television Equipment |
| UL 305 | Safety Panic Hardware |
| UL 325 | Standard for Safety Door, Drapery, Louver and Window Operators and Systems |
| UL 365 | Police Station Connected Burglar Alarm Systems and Units |
| UL 444 | Communication Cables |
| UL 452 | Antenna Discharge Units |
| UL 493 | Standard for Safety Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables |
| UL 497 | Protectors for Paired Conductor Communications Circuits |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| UL 497B | Protectors for Data Communications and Fire Alarm Circuits |
| UL 507 | Electric Fans |
| UL 508 | Standard for Safety Industrial Control Equipment |
| UL 555 | Fire Dampers |
| UL 555S | UL Standard for Safety Smoke Dampers |
| UL 559 | Standard for Heat Pumps, 3rd Edition with amendments |
| UL 58 | UL Standard for Safety Steel Underground Tanks for Flammable and Combustible Liquids |
| UL 586 | Standard for Safety High Efficiency Particulate Air Filter Units |
| UL 603 | Power Supplies for Use with Burglar Alarm Systems |
| UL 609 | Local Burglar Alarm Units and Systems |
| UL 611 | Central-Station Burglar Alarm Systems |
| UL 618 | Concrete Masonry Units |
| UL 636 | Holdup Alarm Units and Systems |
| UL 639 | Intrusion Detection Units |
| UL 681 | Installation and Classification of Burglar and Holdup Alarm Systems |
| UL 682 | Standard for Installation and Classification of Burglar and Holdup Alarm Systems, 2-26-99 |
| UL 72 | Standard for Safety Tests for Fire Resistance of Record Protection Equipment |
| UL 723 | Standard for Safety Test for Surface Burning Characteristics of Building Materials |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| UL 726 | Oil-Fired Boiler Assemblies |
| UL 727 | Oil-Fired Central Furnaces |
| UL 729 | Oil-Fired Floor Furnaces |
| UL 730 | Oil-Fired Wall Furnaces |
| UL 731 | Oil-Fired Unit Heaters |
| UL 752 | Standard for Safety Bullet-Resisting Equipment |
| UL 752 | Standard for Bullet-Resisting Equipment, 3-10-00 |
| UL 768 | Standard for Safety Combination Locks |
| UL 779 | Standard for Safety Electrically Conductive Floorings |
| UL 827 | Central Station Alarm Services |
| UL 827 | Standard for Safety for Central-Station Alarm Services, 10-1-96 |
| UL 896 | Oil-Burning Stoves |
| UL 900 | Standard for Safety Test Performance of Air Filter Units |
| UL 96 | UL Standard for Safety Lighting Protection Components |
| UL 96A | Installation Requirements for Lightning Protection Systems |
| UL 983 | Surveillance Camera Units |
| UL 984 | Standard for Safety Hermetic Refrigerant Motor-Compressors |
| UL 992 | Investigation for Test for the Flame Propagation Classification of Flooring and Floor Covering Materials |





| Appendix B: Non-Government Standards Adopted by DOE | |
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| Document Number | Document Title |
| UPC Uniform Plumbing Code | UPC Uniform Plumbing Code |
| WEF M0008RPE | Design of Municipal Wastewater Treatment Plants |
| WMO No. 8 | Guide to Meteorological Instruments and Methods of Observation |