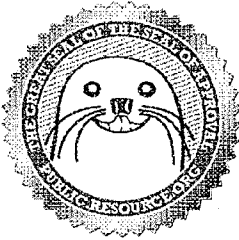
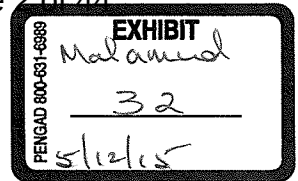


EXHIBIT W

Case No. 1:14-cv-00857-TSC-DAR



PUBLIC.RESOURCE.ORG ~ *A Nonprofit Corporation*

Open Source America's Operating System

"It's Not Just A Good Idea—It's The Law!"

July 14, 2009

Gary M. Stern, General Counsel
National Archives and Records Administration
NGC-Room 3110
8601 Adelphi Road
College Park, MD 20740

Dear Mr. Stern:

This is a request under the Freedom of Information Act (FOIA), 5 U.S.C. § 552 as further specified in the National Archives and Records Administration (NARA) FOIA Regulations, 36 C.F.R. § 1250. The purpose of this request is to obtain copies of all technical standards that have been Incorporated By Reference into the Code of Federal Regulations.

In addition to the requirements of the FOIA, this request should be granted because it is for access to the text of the binding laws that govern the operations and activities of government as well as all citizens. This request should be granted based on the specific requirements of 1 C.F.R. § 51 governing the Incorporation By Reference mechanism, the requirements of OMB Circular A-130, the policies of our new President, and long-standing principles of due process and equal protection clearly stated by the courts.

Incorporation By Reference and the Code of Federal Regulations

The U.S. Code requires publication in the Federal Register of "rules of procedure," "substantive rules," and other information published by agencies of the executive branch. However, the Act specifies "matter reasonably available to the class of persons affected thereby is deemed published in the Federal Register when incorporated by reference therein with the approval of the Director of the Federal Register." 5 U.S.C. § 552(a).

According to the NARA Incorporation By Reference Manual: "Congress authorized incorporation by reference in the Freedom of Information Act to reduce the volume of material published in the Federal Register and C.F.R.. (See 5 U.S.C. § 552(a) and 1 C.F.R. § 51). Congress gave complete authority to the Director of the Federal Register to determine whether a proposed incorporation by reference serves the public interest."

In 1 C.F.R. § 51, NARA spells out several requirements by which the Incorporation By Reference mechanism is carried out, including a requirement that the publication be

placed on file with NARA. In addition, the mechanism is quite precise, requiring a specific version of a specific standard, and substantial requirements of notice, need, and limitation of scope, as well as an affirmative determination for each standard by the Director of the Office of the Federal Register.

Nowhere in the U.S. Code or the C.F.R. is there an exemption of these technical standards from the requirements of the FOIA to make records available. However, NARA does appear to have an informal policy, not published in the C.F.R. or other formal regulations, with prominent notices that proclaim "**OFR does not distribute IBR materials**" and "**This site does not link to or contain standards incorporated by reference into the CFR.**" [emphasis in original at the OFR web site.]

What I Am Specifically Asking For

I would like NARA to make available some or all of the standards that have been Incorporated By Reference through any one of the following mechanisms:

- NARA can simply scan all IBR materials and make them available in the E-C.F.R. web site you maintain in conjunction with the Government Printing Office.
- NARA can allow Public.Resource.Org to scan or photocopy the materials at the Office of Federal Register's downtown Washington, DC location. While there is a procedure for doing this listed on your web site it seems to indicate prior approval is required of each copy request and it also appears you may not allow more than limited copying.
- NARA can furnish the materials to Public.Resource.Org as photocopies or electronically under the usual and customary procedures of the FOIA.

I am particularly interested in technical standards from Underwriters Laboratories, the American National Standards Institute, and other standards that are expensive and unavailable on the Internet and in public libraries. For your convenience, a specific list of the standards I am interested in is attached as Appendix A. It is important to stress that these materials we are seeking are not readily available through other means:

- For example, Underwriters Laboratories Standard 727, "Oil-Fired Central Furnaces," is a key safety standard that has been incorporated by reference into numerous parts of our Code of Federal Regulations including 10 C.F.R. § 434.403.1, 10 § C.F.R. 431.76(c)(1), and 24 § C.F.R. 200. To purchase this 124-page standard costs \$708 and the Worldcat.Org system shows that the only library in the United States with a copy is the Washington State Department Labor & Industries library.
- Likewise, Underwriters Laboratories Standard 1191, "Standard for Components for Personal Flotation Devices," is mandated by the U.S. Coast Guard in 46 C.F.R. §§ 160.002, 160.047, 160.048, 160.049, 160.050, 160.052, 160.053, 160.055, 160.060, 160.064, 160.076, 160.077, 160.150, 160.155, 160.176, 164.019, and 164.023. Yet, the only copy of this standard listed in Worldcat.Org is in the University of Wisconsin-Madison General Library System (1,700 miles away from my location) and it is the wrong version of the standard. To purchase the document costs \$1,120.
- The only reasonably complete collections of ANSI documents available to the public in the United States appear to be at the Illinois State Library in Springfield, Illinois and the Linda Hall Library in Kansas City, Missouri.

Request for News Media Fee Status

Public.Resource.Org asks that we not be charged search or review fees for this request because we qualify as a "representative of the news media" pursuant to the FOIA and 36 C.F.R. § 1250.2(g).

Public.Resource.Org, Inc. is a 501(c)(3) public charity chartered to make government information more broadly available without fee to any and all users. We have been certified as a "news media" requester for the purposes of obtaining and publishing government records under the FOIA and other acts by the Department of the Army, the Department of the Air Force, the Department of Veteran Affairs, and the Food and Drug Administration. I would be happy to furnish copies of these determinations at your request.

Public.Resource.Org is also engaged in a Joint Venture with the National Technical Information Service ("NTIS") under Agreement No. NTIS-1832 to more broadly disseminate hundreds of hours of video materials from the government onto the Internet. Documents from this current FOIA request will be promptly published, joining over 90 million pages of U.S. government documents we have made available on the Internet.

Due to our extensive publication activities of both raw materials and editorial products, Public.Resource.Org is a "representative of the news media" under the FOIA and agency regulations. As such, this request is subject only to duplication fees after the first 100 pages. However, all duplication fees should be waived, as discussed below, because disclosure of the information requested above is in the public interest.

Request for a Public Interest Fee Waiver

Public.Resource.Org is entitled to a waiver of duplication fees because disclosure of the requested information is in the public interest within the meaning of 36 C.F.R. §§ 1250.58 and 1250.60. This request clearly satisfies these criteria.

A fee waiver is appropriate here because Public.Resource.Org has no commercial interest in the disclosure of the requested records. Public.Resource.Org is a 501(c)(3) nonprofit organizations and will derive no commercial benefit from the information at issue here and will distribute all documents widely at no charge on the Internet.

Under 36 C.F.R. § 1260, several criteria are listed to be used in evaluating our request. This request meets all 6 of those criteria:

- As mentioned above, the primary legal materials published and binding on all citizens is the very essence of "operations and activities of the Federal Government" under 36 CFR § 1260(a)(1).
- Because these materials are out of the reach of most Americans and are only available in a small handful of libraries, this activity will release "meaningful information about Federal Government activities that [are] not already publicly known" under 36 CFR § 1260(a)(2).
- Technical standards are the very nuts and bolts of our public safety, environmental, and other codes will "advance the understanding of the general public on the issue" under 36 CFR § 1260(a)(3).
- Public.Resource.Org has published over 90 million pages of primary legal materials and we have substantial experience working with technical standards

for 3 decades, demonstrating an "expertise in or a thorough understanding of these records" under 36 CFR § 1260(a)(4).

- Public.Resource.Org maintains one of the most popular and visible document servers on the Internet for legal information and have demonstrated significant expertise to "disseminate this information to a broad spectrum of the public" under 36 CFR § 1260(a)(5).
- Disclosure of this material, making available standards that govern our daily activities but have been inaccessible to those without significant wealth will "lead to a significantly greater understanding of the Government by the public" under 36 CFR § 1260(a)(6).

It is particularly important to note that our prior work in making available public safety codes at the state level has demonstrated that the general public has a tremendous interest in reading and consulting these technical standards. The building, electrical, plumbing, boiler, elevator, fire, and other public safety codes we published for all 50 states have been extremely popular not only with specialists in the trades but with the general public, journalists, homeowners, and many others.

Limitation of Fees

If you decide that we qualify neither as News Media or for a Public Interest Fee Waiver, we agree to pay fees up to a maximum of \$5,000. If \$5,000 is not sufficient to fully satisfy the request of all IBR documents, please provide a partial response with \$5,000 worth of documents.

NARA's Obligations Under OMB Circular A-130 and Title 44

Irrespective of your determination under the FOIA, we respectfully submit that NARA is required to make this information available under the requirements of the E-Government Act and related statutes and regulations. In particular, 44 U.S.C. § 1510(a) requires that the Code of Federal Regulations contain the "complete codifications of the documents of each agency of the Government having general applicability and legal effect, issued or promulgated by the agency by publication in the Federal Register or by filing with the Administrative Committee." Nowhere are standards incorporated by Reference excluded from this requirement.

Publication of the C.F.R. is governed under the provisions of OMB Circular A-130 which states that "the free flow of information between the government and the public is essential to a democratic society" and requires that agencies, to the maximum extent possible, "disseminate information dissemination products on equitable and timely terms." Requiring purchase of a \$1,120 document in order to read the law of the land is not equitable and does not promote a democratic society.

The policies of the E-Government Act and OMB promoting dissemination of government information should be considered in light of the clear, unequivocal language of the President's January 21, 2009 Memorandum: "In the face of doubt, openness prevails." The President's instructions are very clear: "All agencies should adopt a presumption in favor of disclosure, in order to renew their commitment to the principles embodied in FOIA, and to usher in a new era of open Government. The presumption of disclosure should be applied to all decisions involving FOIA."

Given the lack of any specific regulations governing disclosure of materials Incorporated By Reference, given the importance of these core materials, and given the clear, unqualified language of the President, NARA should disclose this material.

Primary Legal Materials Must Be Available To the Public

In *Veeck v. Southern Building Code Congress*, 293 F.3d 791 (5th Circuit, 2002), Chief Judge Edith H. Jones clearly stated that “a continuous understanding that ‘the law,’ whether articulated in judicial opinions or legislative acts or ordinances, is in the public domain and thus not amenable to copyright.”

Chief Judge Jones and the 5th Circuit were ruling consistently with a long line of decisions dating back to *Wheaton v. Peters*, 33 U.S. (8 Pet.) 591 (1834) which stated that “the law, which, binding every citizen, is free for publication to all, whether it is a declaration of unwritten law, or an interpretation of a constitution or statute.”

It is important to note that the *Veeck* decision was specifically on point in addressing the mechanism of Incorporation By Reference, the same mechanism used by NARA for the documents we are requesting. Indeed, when the *Veeck* decision was appealed to the Supreme Court, the Court specifically invited the views and then followed the strong recommendation of the Solicitor General in denying certiorari and upholding the decision. In that Amicus Brief, Solicitor General Olson stressed that the standards incorporated by reference are “indistinguishable from other laws of general applicability that the public has always had the right to copy freely.” Brief for the United States as Amicus Curiae, No. 02-355, May 2003.

The purpose of the Federal Register system is to notify citizens what laws they must obey. Access to the materials that make up the regulations of the executive branch is a foundational issue of our system of government. There can be no due process or equal protection under the law if the texts that make it up are not available for citizens to read. This FOIA request should be granted because it is the very purpose of the Office of the Federal Register to broadly disseminate the law and this request will further that purpose.

Timeline for Response

As the FOIA provides, I will anticipate a determination on this request from your office within 20 working days.

Thank you for your consideration of this request.

Respectfully yours,

Carl Malamud
President & CEO
Public.Resource.Org

Appendix A
Standards Incorporated by Reference and Requested Under FOIA
Office of the Federal Register, Code of Federal Regulations

For More Information, Please Consult the Standards Incorporated By Reference Database
National Institute of Standards and Technology, <http://standards.gov/sibr/query/index.cfm>

AA Aluminum Design Manual, Specifications and Guidelines for Aluminum Structures, Part 1-A, Sixth Edition, October 1994, and Part 1
AA-ASM 35-80 Specifications for Aluminum Sheet Metal Work in Building Construction Aluminum Association, 900 19th Street, NW., Wash
AAI-RMA Specifications for Anhydrous Ammonia Hose, Agriculture Ammonia Institute-Rubber Manufacturers (AAI-RMA) Association, 1400 F
AAMA 605-98 Voluntary Specification Requirements and Test Procedures for High Performance Organic Coatings on Aluminum Extrusions
AAMA 1503.1-1988 Voluntary Test Method for Thermal Transmittance and Condensation Resistance of Windows, Doors, and Glazed Wall Sec
AAMA 1504-88 Voluntary Standards for Thermal Performance of Windows, Doors and Glazed Wall Sections
AAMA 1701.2-95 Voluntary Standard Primary Window and Sliding Glass Door for Utilization in Manufactured Housing
AAMA 1704-1985 Voluntary Standard Egress Window Systems for Utilization in Manufactured Housing
AAMA-800-92 Voluntary Specifications and Test Methods for Sealants American Architectural Manufacturers Association
AAMA-1503.1-88 Voluntary Test Method for Thermal Transmittance and Condensation Resistance of Windows, Doors and Glazed Wall Sectic
AASHTO Guide to Metric Conversion, AASHTO, 1993
AASHTO LRFD Bridge Design Specifications, First Edition, AASHTO 1994 (U.S. Units).
AASHTO Manual . "Manual for Condition Evaluation of Bridges," second edition
AASHTO Standard Specifications for Movable Highway Bridges, AASHTO 1988
AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals, AASHTO 1994
AASHTO Traffic Engineering Metric Conversion Factors, 1993-Addendum to the Guide to Metric Conversion, AASHTO, October 1993
AASHTO, A Policy on Design Standards Interstate System, AASHTO, January 2005
AASHTO, A Policy on Geometric Design of Highways and Streets, AASHTO 2001 American Associatino of State Highway and Traffic Officia
AASHTO, Interim Specifications-Bridges, AASHTO 1993
AASHTO, Interim Specifications-Bridges, AASHTO 1994
AASHTO, Interim Specifications-Bridges, AASHTO 1995
ABS Guide for High Speed Craft, 1997
ABS Rules for Building and Classing Aluminum Vessels (1975)
ABS Rules for Building and Classing Mobile Offshore Drilling Units (1994)
ABS Rules for Building and Classing Mobile Offshore Drilling Units, 1998
ABS Rules for Building and Classing Reinforced Plastic Vessels, 1978
ABS Rules for Building and Classing Steel Vessels (1995)
ABS Rules for Building and Classing Steel Vessels for Service on Rivers and Intracoastal Waterways, 1995
ABS Rules for Building and Classing Steel Vessels Under 61 Meters (200 feet) in Length, 1983
ABS Rules for Building and Classing Steel Vessels, 1981
ABS Rules for Building and Classing Steel Vessels, 1986
ABS Rules for Building and Classing Steel Vessels, 1989
ABS Rules for Building and Classing Steel Vessels, 1995
ABS Rules for Building and Classing Steel Vessels, 1996
ABS Rules for Building and Classing Steel Vessels, 1997
ABS Rules for Building and Classing Steel Vessels, 1998
ABS U.S. Supplement to ABS Rules for Mobile Offshore Drilling Units, 1 June 1998
ABS U.S. Supplement to ABS Rules for Steel Vessels for Vessels on International Voyages, 1 August 1997
ABS U.S. Supplement to ABS Rules for Steel Vessels for Vessels on International Voyages, 21 October 1996
ABYC A-1-78-"Marine LPG-Liquefied Petroleum Gas Systems"
ABYC A-1-93-Marine Liquified Petroleum Gas (LPG) Systems
ABYC A-3-70-"Recommended Practices and Standards Covering Galley Stoves"

ABYC A-3-1993 Galley Stoves
 ABYC A-7-1970 Recommended Practices and Standards Covering Boat Heating Systems
 ABYC A-16-89-Electric Navigation Lights
 ABYC A-16-97 American Boat and Yacht Council, Inc., 3069 Solomons Island Road, Edgewater, Maryland 21037-1416:, ABYC A-16 Electric
 ABYC A-22-78-"Marine CNG-Compressed Natural Gas Systems"
 ABYC A-22-93-Marine Compressed Natural Gas (CNG) Systems
 ABYC E-1-1972 Bonding of Direct-Current Systems
 ABYC E-8-1985-Alternating Current (AC) Electrical Systems on Boats
 ABYC E-8-1994 Alternating-Current (AC) Electrical Systems on Boats
 ABYC E-9-1981-Recommended Practices and Standards Covering Direct Current (DC) Electrical Systems on Boats
 ABYC E-9-1990 Direct-Current (DC) Electrical Systems on Boats
 ABYC H-2-1989-Ventilation of Boats Using Gasoline
 ABYC H-2.5-"Ventilation of Boats Using Gasoline-Design and Construction" (1981)
 ABYC H-22-86-DC Electric Bilge Pumps Operating Under 50 Volts
 ABYC H-24-93-Gasoline Fuel Systems
 ABYC H-24.9 (g) and (h)-"Fuel Strainers and Fuel Filters" (1975)
 ABYC H-25-1981-Portable Fuel Systems and Portable Containers for Flammable Liquids, May 12, 1981.
 ABYC H-25-1986 American Boat and Yacht Council (ABYC), 3069 Solomons Island Road, Edgewater, MD 21037-1416m H-25-1986-Portable Fuel
 ABYC H-25-1994-Portable Gasoline Fuel Systems for Flammable Liquids
 ABYC H-32-87-Ventilation of Boats Using Diesel Fuel
 ABYC H-33-1989-Diesel Fuel Systems
 ABYC P-1-1973 American Boat and Yacht Council (ABYC) P-1-73, Safe Installation of Exhaust Systems for Propulsion and Auxiliary Mach
 ABYC P-1-1986-Installation of Exhaust Systems for Propulsion and Auxiliary Engines
 ABYC P-1-1993-Installation of Exhaust Systems for Propulsion and Auxiliary Engines
 ABYC P-4-89-Marine Inboard Engines
 ACGIH American Conference of Governmental Industrial Hygienists (ACGIH), 1014 Broadway, Cincinnati, OH 45202, Threshold limit value
 ACGIH Chapter 3, "Local Exhaust Hoods" and Chapter 5, "Exhaust System Design Procedure" of "Industrial Ventilation: A Manual of Rec
 ACGIH's "Industrial Ventilation: A Manual of Recommended Practice" (22nd ed., 1995); or
 ACI 211.1-89 Standard Practice for Selecting Proportions for Normal, Heavyweight and Mass Concrete American Concrete Institute
 ACI 211.2-91 Standard Practice for Selecting Proportions for Structural Lightweight Concrete
 ACI 213R-87 Guide for Structural Lightweight Aggregate Concrete
 ACI 301-89 Specifications for Structural Concrete for Buildings
 ACI 302.1R-80 Guide for Concrete Floor and Slab Construction
 ACI 304R-89 Guide for Measuring, Mixing, Transporting and Placing Concrete
 ACI 305R-77 Hot Weather Concreting (Revised 1989)
 ACI 306R-78 Cold Weather Concreting (Revised 1988)
 ACI 311.4R-80 Guide for Concrete Inspection (Revised 1988)
 ACI 315-80 Guide for Detailing of Concrete Reinforcement
 ACI 318-89 Building Code Requirements for Reinforced Structural Plain Concrete (Revised 1992)
 ACI 322-72 Structural Plain Concrete
 ACI 347-78 Recommended Practice for Concrete Formwork (Reapproved 1984)
 ACI 357R-84 Guide for the Design and Construction of Fixed Offshore Concrete Structures, 1984; reapproved 1997
 ACI 504R-77 Guide to Joint Sealants for Concrete Structures
 ACI 506-90 Recommended Practice for Shotcreting
 ACI 515.1R-79 A Guide to the Use of Waterproofing, Dampproofing, Protective and Decorative Barrier Systems for Concrete (Revised 19
 ACI 533.1R-69 Quality Standards and Tests for Precast Concrete Wall Panels
 ACI 533.2R-69 Selection and Use of Materials for Precast Concrete Wall Panels
 ACI 533.3R-70 Fabrication, Handling and Erection of Precast Concrete Wall Panels
 ACI Standard 318-95, Building Code Requirements for Reinforced Concrete (ACI 318-95) and Commentary (ACI 318R-95)
 AFPA Design Values for Joists and Rafters 1992, AFPA.
 AFPA Span Tables for Joists and Rafters-PS-20-70, 1993, AFPA.
 AFPA Wood Structural Design Data, 1989, Revised 1992, AFPA.
 AGA American Gas Association (AGA) (1) "Purging Principles and Practices," (3rd edition, 2001).
 AGA American Gas Association Report No. 3: Orifice Metering of Natural Gas and Other Related Hydrocarbon Fluids, Part 1: General Eq
 AGA American Gas Association Transmission Measurement Committee Report No. 7: Measurement of Gas by Turbine Meters (Second Revisior

AGA Manual of Petroleum Measurement Standards, Chapter 3—Tank Gauging, Section 1A, Standard Practice for the Manual Gauging of Petroleum

AGA Manual of Petroleum Measurement Standards, Section 1B—Standard Practice for Level Measurement of Liquid Hydrocarbons in Stationary Tanks

AGA Manual of Petroleum Measurement Standards, Section 2—Standard Practice for Gauging Petroleum and Petroleum Products in Tank Cars

AGA Manual of Petroleum Measurement Standards, Section 3—Standard Practice for Level Measurement of Liquid Hydrocarbons in Stationary Tanks

AGA Manual of Petroleum Measurement Standards, Section 4—Standard Practice for Level Measurement of Liquid Hydrocarbons on Marine Vessels

AGA Manual of Petroleum Measurement Standards, Section 5—Standard Practice for Level Measurement of Light Hydrocarbon Liquids Onboard Vessels

AGA Pipeline Research Committee, Project PR-3-805, "A Modified Criterion for Evaluating the Remaining Strength of Corroded Pipe," (1996)

AGA Pipeline Research Committee, Project PR-3-805, "A Modified Criterion for Evaluating the Remaining Strength of Corroded Pipe," (1996)

AGA Requirements for Gas Connectors for Connection of Fixed Appliances for Outdoor Installation, Park Trailers, and Manufactured (Mobile) Homes

AGA Requirements for Gas Connectors for Connection of Fixed Appliances for Outdoor Installation, Park Trailers, and Manufactured (Mobile) Homes

American Association of Air Conditioning Contractors of America 1513 16th Street, NW., Washington, DC 20036, (202) 483-9370. Load Calculation for Residential Buildings

AISI Specification for the Design of Cold-Formed Steel Structural Members—AISI-1996.

AMCA 210-74 Air Movement and Control Association, 30 W. University Drive, Arlington Heights, IL 60004; AMCA 210-74: Laboratory Methods for Measuring Air Flow through Circular Ducts of Round Air Conditioning and Heating Equipment

AMCA 210-74 Figure 12. Air Moving and Conditioning Association, 30 West University Drive, Arlington Heights, Illinois 60004.

American Association of Textile Chemists and Colorists Test Method 79-2000, Absorbency of Bleached Textiles (reaffirmed 2000).

American Association of Textile Chemists and Colorists Test Method 118-1997, Oil Repellency: Hydrocarbon Resistance Test (reaffirmed 1997)

American Herbal Products Association, Herbs of Commerce, 1992 edition

American Institute of Timber Construction (AITC) 200-83, Inspection Manual, 1987 edition, available from AITC, 333 West Hampden Ave

ANSI C33.2-56 Safety Standard for Transformer-Type Arc Welding Machines

ANSI C33.2-1956 Safety Standard for Transformer-Type Arc-Welding Machines,

ANSI C37.04 Rating Structure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis, 1979 - IEEE

ANSI C37.12 For AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis—Specification Guide, 1991

ANSI C37.13 IEEE Standard for Low-Voltage AC Power Circuit Breakers used in Enclosures, 1990

ANSI C37.14 IEEE Standard for Low-Voltage DC Power Circuit Breakers Used in Enclosures, 1992

ANSI C63.4-2003: "Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range 30 MHz to 1 GHz"

ANSI C63.17-1998: "Methods of Measurement of the Electromagnetic and Operational Compatibility of Unlicensed Personal Communication Devices"

ANSI C72.1-1972 section 4.3.1 of Household Automatic Electric Storage Type Water Heaters, ANSI C72.1-1972

ANSI C78.1-1991 "for Fluorescent Lamps—Rapid-Start Types—Dimensional and Electrical Characteristics"

ANSI C78.2-1991 "for Fluorescent Lamps—Preheat-Start Types—Dimensional and Electrical Characteristics of Fluorescent Lamps"

ANSI C78.3-1991 "for Fluorescent Lamps—Instant-Start and Cold-Cathode Types—Dimensional and Electrical Characteristics"

ANSI C78.21-1989 "Incandescent Lamps—PAR and R Shapes"

ANSI C78.375-1991 "for Fluorescent Lamps—Guide for Electrical Measurements"

ANSI C79.1-1994 "Nomenclature for Glass Bulbs—Intended for Use with Electric Lamps"

ANSI C81.10-1976 Specifications for Electric Lamp Bases and Holders—Screw-Shell Types

ANSI C82.3-1983 "for Reference Ballasts for Fluorescent Lamps"

ANSI CSD-1-1982 with Addenda CSD-1a-1984, Controls and Safety Devices for Automatically Fired Boilers, November 15, 1984 ASME

ANSI D1.4-92 Structural Welding Code—Reinforcing Steel, ANSI/AWS D1.4-92, 1992.

ANSI D1.9-95 Bridge Welding Code, ANSI/AASHTO/AWS D1.5-95, AASHTO.

ANSI H23.1-70 Seamless Copper Water Tube Specification

ANSI H23.1-1970 (ASTM B88-69) Specification for Seamless Copper Water Tube,

ANSI H38.7-69 Specification for Aluminum Alloy Seamless Pipe and Seamless Extruded Tube

ANSI IT9.2-1991 Imaging Media—Photographic Processed Films, Plates, and Papers—Filing Enclosures and Storage Containers.

ANSI J6.6-71 Standard Specification for Rubber Insulating Gloves

ANSI K13.1-67 Identification of Gas Mask Canisters

ANSI K13.1-1967. Identification of Gas-Mask Canisters,

ANSI K61.1 American National Standard for the Storage and Handling of Anhydrous Ammonia,

ANSI K61.1 American National Standard Fundamentals Governing the Design and Operation of Local Exhaust Systems, Z9.2-1960

ANSI K61.1-66 Safety Requirements for the Storage and Handling of Anhydrous Ammonia

ANSI N13.1-1969 "Guide to Sampling Airborne Radioactive Materials in Nuclear Facilities." IBR approved for 61.93(b)(2)(ii) and 61.103(b)(2)(ii)

ANSI N14.1 Uranium Hexafluoride—Packaging for Transport, 1971, 1982, 1987, 1990, 1995 and 2001 Editions

ANSI O1.1-54 (R 61) Safety Code for Woodworking Machinery

ANSI Performance Requirements for Air Admittance Valves for Plumbing Drainage Systems, Fixture and Branch Devices—ASSE Standard #10

ANSI Plumbing Fixture Setting Compound—TTP 1536A-1975.

ANSI Plumbing Fixtures (General Specifications)—FS WW-P-541E/GEN-1980.

ANSI S1.4-71 (R 76) Specification for Sound Level Meters

ANSI S1.4-1983 Specification for Sound Level Meters, American National Standards Institute, S1.4-1983, incorporation by reference

ANSI S1.4-1983 Specification for Sound Level Meters, American National Standards Institute, S1.4-1983, incorporation by reference

ANSI S1.4-1983 Specification for Sound Level Meters, including Amendment S1.4A-1985.

ANSI S1.11-71 (R 76) Specification for Octave, Half-Octave and Third-Octave Band Filter Sets

ANSI S3.6-69 Specifications for Audiometers

ANSI S3.6-1969 American National Standard Specification for Audiometers, ANSI S3.6-1969

ANSI S3.22-1996 - NSI S3.22-1996 "Specification of Hearing Aid Characteristics," ANSI S3.22-1996 (ASA 70-1996) (Revision of ANSI S3.22-1996)

ANSI S12.13 Part I, Performance Requirements, Combustible Gas Detectors, 1986

ANSI T1.506-1990 American National Standard for Telecommunications-Network Performance-Transmission Specifications for Switched Exchange

ANSI Z-124.9 Plastic Urinal Fixtures, 1994.

ANSI Z4.1-68 Requirements for Sanitation in Places of Employment

ANSI Z9.1-51 Safety Code for Ventilation and Operation of Open Surface Tanks

ANSI Z9.1-71 Practices for Ventilation and Operation of Open-Surface Tanks

ANSI Z9.1-1971 Practices for Ventilation and Operation of Open-Surface Tanks,

ANSI Z9.2-60 Fundamentals Governing the Design and Operation of Local Exhaust Systems

ANSI Z9.2-79 Fundamentals Governing the Design and Operation of Local Exhaust Systems

ANSI Z9.2-1979 Fundamentals Governing the Design and Operation of Local Exhaust Systems;

ANSI Z12.2-1962 (R1969) (Code for the Prevention of Dust Explosion in Woodworking and Wood Flour Manufacturing Plants),

ANSI Z12.12-68 Standard for the Prevention of Sulfur Fires and Explosions

ANSI Z12.12-1968. Prevention of Sulfur Fires and Explosions,

ANSI Z12.20-62 (R 69) Code for the Prevention of Dust Explosions in Woodworking and Wood Flour Manufacturing Plants

ANSI Z21.1-2000 Household Cooking Gas Appliances-ANSI Z21.1-2000.

ANSI Z21.1-2000. Household Cooking Gas Appliances-

ANSI Z21.5.1 Gas Clothes Dryers Volume 1, Type 1 Clothes Dryers-ANSI Z21.5.1-CSA 7.1-M99-1999 with Addendum Z21.5.1a-1999.

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 ASSE 1037-1990 ANSI Performance Requirements for Pressurized Flushing Devices (Flushometers) for Plumbing Fixtures-ASSE 1037-1990 (ASSE 1037-1990 (ANSI-1990). Performance Requirements for Pressurized Flushing Devices (Flushometers) for Plumbing Fixtures- ASSE 10
 ASSE-1978). Performance Requirements for Diverters for Plumbing Faucets with Hose Spray, Anti-Siphon Type, Residential Applications
 ASTM A20/A 20M-97a, Standard Specification for General Requirements for Steel Plates for Pressure Vessels
 ASTM A20/A 20M-93a Standard Specification for General Requirements for Steel Plates for Pressure Vessels
 ASTM A36/A 36M-97a, Standard Specification for Carbon Structural Steel
 ASTM A47-68 Malleable Iron Castings
 ASTM A47-90 (1995), Standard Specification for Ferritic Malleable Iron Castings
 ASTM A47-68
 ASTM A47-68 Malleable Iron Castings
 ASTM A53-69 Welded and Seamless Steel Pipe
 ASTM A53-93 Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless-ASTM A53-93.
 ASTM A53-98 Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless
 ASTM A53-69 Grade B Electric Resistance Welded and Electric Flash Welded Pipe
 ASTM A53-93. Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless- ASTM A53-93.
 ASTM A53/A53M-04a (2004) "Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated Welded and Seamless"
 ASTM A74-92 Standard Specification for Cast Iron Soil Pipe and Fittings-ASTM A74-92.
 ASTM A74-92. Standard Specification for Cast Iron Soil Pipe and Fittings- ASTM A74-92.
 ASTM A99-76 82 (Reapproved 1987), Standard Specification for Ferromanganese, incorporation by reference (IBR) approved for §60.261.
 ASTM A100-69 74, 93, Standard Specification for Ferrosilicon, IBR approved for §60.261.
 ASTM A101-73 93, Standard Specification for Ferrochromium, IBR approved for §60.261.
 ASTM A106-95 Standard Specification for Seamless Carbon Steel Pipe for High-Temperature Service
 ASTM A106/A106M-04b (2004) "Standard Specification for Seamless Carbon Steel Pipe for High-Temperature Service"
 ASTM A109-91 Standard Specification for Steel, Strip, Carbon, Cold-Rolled;
 ASTM A126-66 Gray Iron Casting for Valves, Flanges and Pipe Fitting
 ASTM A126-95 Standard Specification for Gray Iron Castings for Valves, Flanges, and Pipe Fittings
 ASTM A126-66
 ASTM A134-96 Standard Specification for Pipe, Steel, Electric-Fusion (Arc)-Welded (Sizes NPS 16 and Over)
 ASTM A135-97c Standard Specification for Electric-Resistance-Welded Steel Pipe
 ASTM A139-96 Standard Specification for Electric-Fusion (Arc)-Welded Steel Pipe (NPS 4 and Over)
 ASTM A153-82 (Reapproved 1987), Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware;
 ASTM A178/A 178M-95, Standard Specification for Electric-Resistance-Welded Carbon Steel and Carbon-Manganese Steel Boiler and Super
 ASTM A179/A 179M-90a (1996), Standard Specification for Seamless Cold-Drawn Low-Carbon Steel Heat-Exchanger and Condenser Tubes
 ASTM A182/A 182M-97c, Standard Specification for Forged or Rolled Alloy-Steel Pipe Flanges, Forged Fittings, and Valves and Parts f
 ASTM A192/A 192M-91 (1996), Standard Specification for Seamless Carbon Steel Boiler Tubes for High-Pressure Service
 ASTM A193/A 193M-98a, Standard Specification for Alloy-Steel and Stainless Steel Bolting Materials for High-Temperature Service
 ASTM A194/A 194M-98b, Standard Specification for Carbon and Alloy Steel Nuts for Bolts for High Pressure or High Temperature Servic
 ASTM A197-87 (1992), Standard Specification for Cupola Malleable Iron
 ASTM A203/A 203M-97, Standard Specification for Pressure Vessel Plates, Alloy Steel, Nickel
 ASTM A210/A 210M-96, Standard Specification for Seamless Medium-Carbon Steel Boiler and Superheater Tubes
 ASTM A213/A 213M-95a, Standard Specification for Seamless Ferritic and Austenitic Alloy-Steel Boiler, Superheater, and Heat-Exchang
 ASTM A214/A 214M-96, Standard Specification for Electric-Resistance-Welded Carbon Steel Heat-Exchanger and Condenser Tubes
 ASTM A226/A 226M-95, Standard Specification for Electric-Resistance-Welded Carbon Steel Boiler and Superheater Tubes for High-Press
 ASTM A234/A 234M-97, Standard Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Moderate and High Tempe
 ASTM A240/A 240M-99b Standard Specification for Heat-Resisting Chromium and Chromium-Nickel Stainless Steel Plate, Sheet and Strip
 ASTM A242-81 Standard Specification for High-Strength Low-Alloy Structural Steel
 ASTM A249/A 249M-96a, Standard Specification for Welded Austenitic Steel Boiler, Superheater, Heat-Exchanger, and Condenser Tubes
 ASTM A262-93a Standard Practices for Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steels
 ASTM A268/A 268M-96, Standard Specification for Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General Ser
 ASTM A276-98 Standard Specification for Stainless Steel Bars and Shapes
 ASTM A285-78 Pressure Vessel Plates, Carbon Steel, Low- and Intermediate-Tensile Strength
 ASTM A300-58 Steel Plates for Pressure Vessels for Service at Low Temperatures

ASTM A302/A 302M-93 Standard Specification for Pressure Vessel Plates, Alloy Steel, Manganese-Molybdenum and Manganese-Molybdenum N
 ASTM A307-97 Standard Specification for Carbon Steel Bolts and Studs, 60,000 PSI Tensile Strength
 ASTM A312/A 312M-95a, Standard Specification for Seamless and Welded Austenitic Stainless Steel Pipes
 ASTM A320/A 320M-97, Standard Specification for Alloy/Steel Bolting Materials for Low-Temperature Service
 ASTM A333-67 Seamless and Welded Steel Pipe for Low-Temperature Service
 ASTM A333/A 333M-94, Standard Specification for Seamless and Welded Steel Pipe for Low-Temperature Service
 ASTM A333/A333M-05 "Standard Specification for Seamless and Welded Steel Pipe for Low-Temperature Service"
 ASTM A333/A333M-05 (2005) "Standard Specification for Seamless and Welded Steel Pipe for Low-Temperature Service."
 ASTM A334/A 334M-96, Standard Specification for Seamless and Welded Carbon and Alloy-Steel Tubes for Low-Temperature Service
 ASTM A335/A 335M-95a, Standard Specification for Seamless Ferritic Alloy-Steel Pipe for High-Temperature Service
 ASTM A350/A 350M-97, Standard Specification for Carbon and Low-Alloy Steel Forgings, Requiring Notch Toughness Testing for Piping C
 ASTM A351/A 351M-94a, Standard Specification for Castings, Austenitic, Austenitic-Ferritic (Duplex), for Pressure-Containing Parts
 ASTM A352/A 352M-93 (1998), Standard Specification for Steel Castings, Ferritic and Martensitic, for Pressure-Containing Parts, Sui
 ASTM A358/A 358M-95a, Standard Specification for Electric-Fusion-Welded Austenitic Chromium-Nickel Alloy Steel Pipe for High-Temper
 ASTM A366/A 366M-91, Standard Specification for Steel, Sheet, Carbon, Cold-Rolled, Commercial Quality;
 ASTM A369/A 369M-92, Standard Specification for Carbon and Ferritic Alloy Steel Forged and Bored Pipe for High-Temperature Service
 ASTM A370-97a Standard Test Methods and Definitions for Mechanical Testing of Steel Products
 ASTM A370-94 Standard Test 179.102-1; 179.102-4; Methods and Definitions for Mechanical Testing of Steel Products
 ASTM A372/A372M-03 (2003) "Standard Specification for Carbon and Alloy Steel Forgings for Thin-Walled Pressure Vessels."
 ASTM A376/A 376M-96, Standard Specification for Seamless Austenitic Steel Pipe for High-Temperature Central-Station Service
 ASTM A381-96 (Reapproved 2001) "Standard Specification for Metal-Arc Welded Steel Pipe for Use With High-Pressure Transmission Syst
 ASTM A391-65 (ANSI G61.1-1968) Alloy Steel Chain
 ASTM A395-68 Ductile Iron for Use at Elevated Temperatures
 ASTM A395/A 395M-98, Standard Specification for Ferritic Ductile Iron Pressure-Retaining Castings for Use at Elevated Temperatures
 ASTM A403/A 403M-98, Standard Specification for Wrought Austenitic Stainless Steel Piping Fittings
 ASTM A420/A 420M-96a, Standard Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Low-Temperature Servic
 ASTM A441-81 Standard Specification for High-Strength Low-Alloy Structural Manganese Vanadium Steel
 ASTM A482-76 93, Standard Specification for Ferrochromesilicon, IBR approved for \$60.261.
 ASTM A483-64 74 (Reapproved 1988), Standard Specification for Silicomanganese, IBR approved for \$60.261.
 ASTM A495-76 94, Standard Specification for Calcium-Silicon and Calcium Manganese-Silicon, IBR approved for \$60.261.
 ASTM A505-87 Standard Specification for Steel, Sheet and Strip, Alloy, Hot-Rolled and Cold-Rolled, General Requirements for;
 ASTM A514-81 Standard Specification for High-Yield Strength Quenched and Tempered Alloy Steel Plate, Suitable for Welding
 ASTM A515/A 515M-03 Standard Specification for Pressure Vessel Plates, Carbon Steel, for Intermediate- and Higher-Temperature Servi
 ASTM A516/A 516M-90 Standard Specification for Pressure Vessel Plates, Carbon Steel, for Moderate and Lower-Temperature Service
 ASTM A520-97 Standard Specification for Supplementary Requirements for Seamless and Electric-Resistance-Welded Carbon Steel Tubular
 ASTM A522/A 522M-95b, Standard Specification for Forged or Rolled 8 and 9% Nickel Alloy Steel Flanges, Fittings, Valves, and Parts
 ASTM A525-91b Standard Specification for General Requirements for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process;
 ASTM A526/A 526M-90, Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Commercial Quality;
 ASTM A536-84 (1993), Standard Specification for Ductile Iron Castings
 ASTM A537/A 537M-91 Standard Specification for Pressure Vessel Plates, Heat-Treated, Carbon-Manganese-Silicon Steel
 ASTM A539-90a Specification for Electric-Resistance-Welded Coiled Steel Tubing for Gas and Field Oil Lines, ASTM, A539-90a
 ASTM A539-1999 Standard Specification for Electric-Resistance-Welded Coiled Steel Tubing for Gas and Fuel Oil Lines, ASTM A539-1999
 ASTM A539-90a Specification for Electric-Resistance-Welded Coiled Steel Tubing for Gas and Field Oil Lines,
 ASTM A569/A 569M-91a, Standard Specification for Steel, Carbon (0.15 Maximum, Percent), Hot-Rolled Sheet and Strip Commercial Quali
 ASTM A572-82 Standard Specification for High-Strength Low-Alloy Columbian-Vanadium Steels of Structural Quality
 ASTM A575-96 Standard Specification for Steel Bars, Carbon, Merchant Quality, M-Grades
 ASTM A576-90b (1995), Standard Specification for Steel Bars, Carbon, Hot-Wrought, Special Quality
 ASTM A588-81 Standard Specification for High-Strength Low-Alloy Structural Steel with 50 Ksi Minimum Yield Point to 4 in. Thick
 ASTM A606-75 Standard Specification for Steel Sheet and Strip Hot-Rolled and Cold-Rolled, High-Strength, Low-Alloy, with Improved
 ASTM A607-98 Standard Specification for Steel, Sheet and Strip, High-Strength, Low-Alloy, Columbium or Vanadium, or Both, Hot-Rolle
 ASTM A612-72a High Strength Steel Plates for Pressure Vessels for Moderate and Lower Temperature Service
 ASTM A621/A 621M-92, Standard Specification for Steel, Sheet and Strip, Carbon, Hot-Rolled, Drawing Quality;
 ASTM A633-79a Standard Specification for Normalized High-Strength Low-Alloy Structural Steel, 1979 Edition
 ASTM A640-91 Standard Specification for Zinc-Coated Steel Strand for Messenger Support of Figure 8 Cable;
 ASTM A671-04 (2004) "Standard Specification for Electric-Fusion-Welded Steel Pipe for Atmospheric and Lower Temperatures"

ASTM A671-04 (2004) "Standard Specification for Electric-Fusion-Welded Steel Pipe for Atmospheric and Lower Temperatures."
 ASTM A672-96 (Reapproved 2001) "Standard Specification for Electric-Fusion-Welded Steel Pipe for High-Pressure Service at Moderate
 ASTM A691-98 (Reapproved 2002) "Standard Specification for Carbon and Alloy Steel Pipe Electric-Fusion-Welded for High-Pressure Ser
 ASTM A715-81 Standard Specification for Steel Sheet and Strip, Hot-Rolled, High-Strength, Low-Alloy with Improved Formability, 1981
 ASTM A1008/A 1008M-03 Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy and High St
 ASTM A1011/A 1011M-03a Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low Alloy a
 ASTM Adjunct F 1626, Symbols for Use in Accordance with Regulation II-2/20 of the 1974 SOLAS Convention as amended PCN: 12-616260-C
 ASTM Adjunct F 1626, Symbols for Use in Accordance with Regulation II-2/20 of the 1974 SOLAS Convention, PCN 12-616260-01, © 1996
 ASTM B3-90 Standard Specification for Soft or Annealed Copper Wire;
 ASTM B16-92 Standard Specification for Free-Cutting Brass Rod, Bar, and Shapes for Use in Screw Machines
 ASTM B21-96 Standard Specification for Naval Brass Rod, Bar, and Shapes
 ASTM B26/B 26M-97, Standard Specification for Aluminum-Alloy Sand Castings
 ASTM B33-91 Standard Specifications for Tinned Soft or Annealed Copper Wire for Electrical Purposes.
 ASTM B42-93 Standard Specification for Seamless Copper Pipe, Standard Sizes-ASTM B42-93.
 ASTM B42-96 Standard Specification for Seamless Copper Pipe, Standard Sizes
 ASTM B42-93. Standard Specification for Seamless Copper Pipe, Standard Sizes- ASTM B42-93.
 ASTM B43-91 Standard Specification for Seamless Red Brass Pipe, Standard Sizes-ASTM B43-91.
 ASTM B43-96 Standard Specification for Seamless Red Brass Pipe, Standard Sizes
 ASTM B43-91. Standard Specification for Seamless Red Brass Pipe, Standard Sizes- ASTM B43-91.
 ASTM B68-95 Standard Specification for Seamless Copper Tube, Bright Annealed
 ASTM B75-97 Standard Specification for Seamless Copper Tube
 ASTM B85-96 Standard Specification for Aluminum-Alloy Die Castings
 ASTM B88-66A Seamless Copper Water Tube
 ASTM B88-69 Seamless Copper Water Tube
 ASTM B88-93 Standard Specification for Seamless Copper Water Tube, ASTM B88-93
 ASTM B88-96 Standard Specification for Seamless Copper Water Tube
 ASTM B88-66a Standard Specification for Seamless Copper Water Tube, ASTM B88-66a
 ASTM B88-93. Standard Specification for Seamless Copper Water Tube- ASTM B88-93.
 ASTM B96-93 Standard Specification for Copper-Silicon Alloy Plate, Sheet, Strip, and Rolled Bar for General Purposes and Pressure V
 ASTM B111-95 Standard Specification for Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock
 ASTM B117-64 Salt Spray (Fog) Test
 ASTM B117-97 Standard Practice for Operating Salt Spray (Fog) Apparatus
 ASTM B117-90 Standard Test Method of Salt Spray (Fog) Testing;
 ASTM B117-97 "Standard Practice for Operating Salt Spray (Fog) Apparatus" (ASTM B117-97) is hereby incorporated into S7.3.2 by refe
 ASTM B122/B 122M-95, Standard Specification for Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nicke
 ASTM B124-96 Standard Specification for Copper and Copper Alloy Forging Rod, Bar, and Shapes
 ASTM B127-98 Standard Specification for Nickel-Copper Alloy (UNS NO4400) Plate, Sheet, and Strip
 ASTM B152-97a Standard Specification for Copper Sheet, Strip, Plate, and Rolled Bar
 ASTM B161-93 Standard Specification for Nickel Seamless Pipe and Tube
 ASTM B162-93a Standard Specification for Nickel Plate, Sheet, and Strip
 ASTM B165-93 Standard Specification of Nickel-Copper Alloy (UNS NO4400) Seamless Pipe and Tube
 ASTM B167-97a Standard Specification for Nickel-Chromium-Iron Alloys (UNS NO6600, NO6601, NO6603, NO6690, NO6025, and NO6045) Seam
 ASTM B171-95 Standard Specification for Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers
 ASTM B193-87 Standard Test Method for Resistivity of Electrical Conductor Materials;
 ASTM B209-96 Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
 ASTM B209-93 Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
 ASTM B210-68 Aluminum-Alloy Drawn Seamless Tubes
 ASTM B210-95 Standard Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes
 ASTM B221-76 Aluminum Alloy Extruded Bars, Rods, Shapes, and Tubes
 ASTM B224-80 Standard Classification of Coppers;
 ASTM B224-91 Standard Classification of Coppers;
 ASTM B234-95 Standard Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers
 ASTM B241-69
 ASTM B241/B 241M-96, Standard Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube
 ASTM B251-93. Standard Specification for General Requirements for Wrought Seamless Copper and Copper-Alloy Tubes- ASTM B251-93.

ASTM B280 A-95. Standard Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service- ASTM B280, A-
 ASTM B280-97 Standard Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service
 ASTM B280-1995 Standard Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Service, ASTM B280-1995
 ASTM B283-96 Standard Specification for Copper and Copper-Alloy Die Forgings (Hot-Pressed)
 ASTM B306-92 Standard Specification for Copper Drainage Tube (DWV)-ASTM B306-92.
 ASTM B315-93 Standard Specification for Seamless Copper Alloy Pipe and Tube
 ASTM B361-95 Standard Specification for Factory-Made Wrought Aluminum and Aluminum-Alloy Welding Fittings
 ASTM B456-95 "Standard Specification for Electrodeposited Coatings of Copper Plus Nickel Plus Chromium and Nickel Plus Chromium" (I
 ASTM B539-90 Standard Test Methods for Measuring Contact Resistance of Electrical Connections (Static Contacts);
 ASTM B557-84 Tension Testing Wrought and Cast Aluminum and Magnesium-Alloy Products
 ASTM B580-79 Standard Specification for Anodic Oxide Coatings on Aluminum, (Re-approved 2000)
 ASTM B633-85 Standard Specification for Electrodeposited Coatings of Zinc on Iron and Steel;
 ASTM B694-86 Standard Specification for Copper, Copper Alloy, and Copper-Clad Stainless Steel Sheet and Strip for Electrical Cable
 ASTM B736-92a Standard Specification for Aluminum, Aluminum Alloy, and Aluminum-Clad Steel Cable Shielding Stock;
 ASTM B858M-95 Standard Test Method for Determination of Susceptibility to Stress Corrosion Cracking in Copper Alloys Using an Ammor
 ASTM C12-91 Standard Practice for Installing Vitrified Clay Pipe Lines
 ASTM C33-99a, Standard Specification for Concrete Aggregates
 ASTM C36/C 36M-99 Standard Specification for Gypsum Wallboard--ASTM C36/C 36M-99, 1999.
 ASTM C94/C 94M-99 Standard Specification for Ready-Mixed Concrete
 ASTM C150-99 Standard Specification for Portland Cement
 ASTM C177-85 (1993), Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of t
 ASTM C177-04 "Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guar
 ASTM C208-72 Insulating Board (Cellulosic Fiber), Structural and Decorative (Reapproved 1982)
 ASTM C209-84 Standard Methods of Testing Insulating Board (Cellulosic Fiber), Structural and Decorative
 ASTM C216-91c Standard Specification for Facing Brick (Solid Masonry Units Made from Clay or Shale)
 ASTM C220-91 Standard Specification for Flat Asbestos-Cement Sheets
 ASTM C221-91 Standard Specification for Corrugated Asbestos-Cement Sheets
 ASTM C223-91 Standard Specification for Asbestos-Cement Siding
 ASTM C330-99, Standard Specification for Lightweight Aggregates for Structural Concrete
 ASTM C509-91 Standard Specification for Elastomeric Cellular Preformed Gasket and Sealing Material
 ASTM C516-80 Standard Specification for Vermiculite Loose Fill Thermal Insulation (Reapproved 1985)
 ASTM C518-91 Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Heat
 ASTM C518-04 "Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus."
 ASTM C549-81 Standard Specification for Perlite Loose Fill Insulation (Reapproved 1986)
 ASTM C564-88 Standard Specification for Rubber Gaskets for Cast Iron Soil Pipe and Fittings
 ASTM C564-88. Standard Specification for Rubber Gaskets for Cast Iron Soil Pipe and Fittings- ASTM C564-88.
 ASTM C578-92 Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation
 ASTM C595-98 Standard Specification for Blended Hydraulic Cements
 ASTM C640-83 Standard Specification for Insulation Board, Thermal (Cork)
 ASTM C726-88 Standard Specification for Mineral Fiber and Roof Insulation Board
 ASTM C739-03 "Standard Specification for Cellulosic Fiber Loose-Fill Thermal Insulation."
 ASTM C739-91 Standard Specification for Cellulosic Fiber (Wood-Based) Loose-Fill Thermal Insulation
 ASTM C754-88 Standard Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum
 ASTM C834-91 Standard Specification for Latex Sealants
 ASTM C841-90 Standard Specification for Installation of Interior Lathing and Furring
 ASTM C842-85 Standard Specification for Application of Interior Gypsum Plaster (Reapproved 1990)
 ASTM C843-92 Standard Specification for Application of Gypsum Veneer Plaster
 ASTM C844-85 Standard Specification for Application of Gypsum Base to Receive Gypsum Veneer Plaster
 ASTM C846-76 Standard Practice for Application of Structural Insulating Board (Fiberboard) Sheathing (Reapproved 1982)
 ASTM C864-90 Standard Specification for Dense Elastomeric Compression Seal Gaskets, Setting Blocks and Spacers.
 ASTM C926-90 Standard Specification for Application of Portland Cement-Based Plaster
 ASTM C1036-91 Standard Specification for Flat Glass
 ASTM C1045-01 "Standard Practice for Calculating Thermal Transmission Properties from Steady-State Conditions."
 ASTM C1048-91 Standard Specification for Heat-Treated Flat Glass-Kind HS, Kind FT Coated and Uncoated Glass
 ASTM C1114-00 "Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Thin-Heater Apparatus."

ASTM C1149-02 "Standard Specification for Self-Supported Spray Applied Cellulosic Thermal Insulation."
 ASTM C1224-03 "Standard Specification for Reflective Insulation for Building Applications."
 ASTM C1315-95 Standard Specification for Liquid Membrane-Forming Compounds Having Special Properties for Curing and Sealing Concrete
 ASTM C1363-97 "Standard Test Method for the Thermal Performance of Building Assemblies by Means of a Hot Box Apparatus."
 ASTM C1371-04a "Standard Test Method for Determination of Emission of Materials Near Room Temperature Using Portable Emissometers."
 ASTM C1374-03 "Standard Test Method for Determination of Installed Thickness of Pneumatically Applied Loose-Fill Building Insulation."
 ASTM CISPI-301-90 Standard Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent
 ASTM D5-65 Test for Penetration by Bituminous Materials
 ASTM D5-65 Test for Penetration for Bituminous Materials, D-5-65
 ASTM D9-87 (1992), Standard Terminology Relating to Wood
 ASTM D56-70 Test for Flash Point by Tag Closed Tester
 ASTM D56-70) Standard Method of Test for Flashpoint by Tag Closed Tester (ASTM D-56-70)
 ASTM D86-62 Test for Distillation of Petroleum Products
 ASTM D86-82 Standard Method for Distillation of Petroleum Products
 ASTM D86-62 Standard Method of Test for Distillation of Petroleum Products, ASTM D-86-62
 ASTM D86-78 82, 90, 93, 95, 96, Distillation of Petroleum Products, IBR approved for §§60.562-2(d), 60.593(d), 60.593a(d), and 60.6
 ASTM D86-82 "Standard Method for Distillation of Petroleum Products,"
 ASTM D88-56 Test for Saybolt Viscosity
 ASTM D88-81 "Standard Test Method for Saybolt Viscosity,"
 ASTM D92-97 Standard Test Method for Flash and Fire Points by Cleveland Open Cup
 ASTM D93-71 Test for Flash Point by Pensky Martens
 ASTM D93-97 Standard Test Methods for Flash Point by Pensky-Martens Closed Cup Tester
 ASTM D93-71 Standard Method of Test for Flashpoint by Pensky-Martens Closed Tester (
 ASTM D127-60 ("Standard Method of Test for Melting Point of Petrolatum and Microcrystalline Wax" (Revised 1960),
 ASTM D129-00 (Reapproved 2005), Standard Test Method for Sulfur in Petroleum Products (General Bomb Method), IBR approved for §60.4
 ASTM D129-64 78, 95, 00, Standard Test Method for Sulfur in Petroleum Products (General Bomb Method), IBR approved for §§60.106(j)
 ASTM D150-87 Standard Test Methods for A-C Loss Characteristics and Permittivity (Dielectric Constant) of Solid Electrical Insulation
 ASTM D156-82 "Standard Test Method for Saybolt Color of Petroleum Products (Saybolt Chromometer Method),"
 ASTM D156-82 "Standard Test Method for Saybolt Color of Petroleum Products (Saybolt Chromometer Method),"
 ASTM D240-00 Standard Test Method for Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter, for appendices A, D and E
 ASTM D240-76 92, Standard Test Method for Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter, IBR approved for §§60
 ASTM D257-91 Standard Test Methods for D-C Resistance or Conductance of Insulating Materials;
 ASTM D270-65 75, Standard Method of Sampling Petroleum and Petroleum Products, IBR approved for Appendix A: Method 19, Section 12.5
 ASTM D287-92 (Reapproved 2000), Standard Test Method for API Gravity of Crude Petroleum and Petroleum Products (Hydrometer Method)
 ASTM D323-94 Standard Test Method for Vapor Pressure of Petroleum Products (Reid Method)
 ASTM D323-68 "Standard Method of Test for Vapor Pressure of Petroleum Products (Reid Method)," American Society for Testing and Mat
 ASTM D323-82 94, Test Method for Vapor Pressure of Petroleum Products (Reid Method), IBR approved for §§60.111(l), 60.111a(g), 60.1
 ASTM D381-80 "Standard Test Method for Existent Gum in Fuels by Jet Evaporation,"
 ASTM D388-77 Standard Specification for Classification of Coals by Rank, ASTM D 388-77
 ASTM D388-92 Standard Classification of Coals by Rank
 ASTM D388-99 Standard Classification of Coals by Rank, incorporation by reference for appendix F of this part.
 ASTM D388-38 Class I, Group 2, "Standard Specifications for Classification of Coal by Rank,"
 ASTM D388-77 90, 91, 95, 98a, 99 (Reapproved 2004)E1, Standard Specification for Classification of Coals by Rank, IBR approved for
 ASTM D388-77 90, 91, 95, 98a, Standard Specification for Classification of Coals by Rank, IBR approved for §§60.251(b) and (c) of s
 ASTM D388-99.1 Standard Classification of Coals by Rank,1 IBR approved for §63.7575.
 ASTM D396-90a Standard Specification for Fuel Oils
 ASTM D396-02a Standard Specification for Fuel Oils,1 IBR approved for §63.7575.
 ASTM D396-78 89, 90, 92, 96, 98, Standard Specification for Fuel Oils, IBR approved for §§60.41b of subpart Db of this part, 60.41c
 ASTM D412-98A "Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers-Tension,"
 ASTM D413-82 (1993), Standard Test Methods for Rubber Property-Adhesion to Flexible Substrate
 ASTM D445-65 Test for Viscosity of Transparent and Opaque Liquids
 ASTM D445-65). Standard Method of Test for Viscosity of Transparent and Opaque Liquids (ASTM D445-65).
 ASTM D445-74 "Test for Kinematic Viscosity of Transparent and Opaque Liquids,"
 ASTM D465-82 "Standard Test Methods for Acid Number of Rosin,"

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ASTM D2241-96b Standard Specification for Poly (Vinyl Chloride)(PVC) Pressure-Rated Pipe (SDR Series)

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