
U.S. Army Corps of Engineers

U.S. Navy Naval Facilities Engineering Command

U.S. Air Force Civil Engineer Center

U.S. National Aeronautics and Space Administration

Unified Master Reference List (UMRL)

UNIFIED MASTER REFERENCE LIST (UMRL)

This document lists publications referenced in the Unified Facilities Guide Specifications (UFGS) of the Corps of Engineers (USACE), the Naval Facilities Engineering Command (NAVFAC), the Air Force Civil Engineer Center (AFCEC), and the guide specifications of the National Aeronautics and Space Administration (NASA). The listing is current to the date of this publication.

This version of the UMRL may contain more than one version of a single reference. This is part of the integration of NASA fully into the UFGS system. Future versions will contain only a single version of each reference.

The UMRL lists issuing organizations alphabetically by name and not by acronym. In some cases more than one organization may use the same acronym. If a listed reference does not have a designator assigned by the issuing organization, a designator for the document has been established for use within SpecsIntact.

Where a reference has a joint designation (example: ANSI/BHMA), the UMRL usually lists the reference under the proponent organization (example: The proponent of ANSI/BHMA A156.1 is BHMA; therefore the reference in the UMRL is under BHMA). This procedure simplifies referencing and ordering of joint documents, and specification sections should cite such reference publications using the same designations used in the UMRL. Acronyms of major proponent organizations listed in the UMRL which have joint publications with other standards organization are as follows:

| Proponent Organization | Joint With |
|---------------------------|------------|
| ASME | ANSI |
| ASTM | AASHTO |
| BHMA | ANSI |
| EIA | ANSI |
| IEEE | ANSI |
| NEMA | ANSI |
| NFPA | ANSI |

Guide Specification section UFGS-01 42 00 SOURCES FOR REFERENCE PUBLICATIONS includes all organizations listed in the UMRL. The section is automatically edited to fit the project when the project specifications are produced through SpecsIntact.

The UMRL is maintained up-to-date on a continuing basis and is published periodically in electronic format (PDF for use with free Adobe Reader software).

AACE INTERNATIONAL (AACE)

- AACE 29R-03 (2011) Forensic Schedule Analysis
- AACE 52R-06 (2006) Time Impact Analysis - As Applied in Construction

ACOUSTICAL SOCIETY OF AMERICA (ASA)

- ASA S1.4 (1983; Amendment 1985; R 2006) Specification for Sound Level Meters (ASA 47)
- ASA S1.11 PART 1 (2014) American National Standard Electroacoustics - Octave-Band and Fractional-Octave-Band Filters - Part 1: Specifications
- ASA S1.13 (2005; R 2010) Methods for the Measurement of Sound Pressure Levels in Air (ASA 118)
- ASA S2.71 (1983; R 2006) Guide to the Evaluation of Human Exposure to Vibration in Buildings
- ASA S3.1 (1999; R 2018) American National Standard Maximum Permissible Ambient Noise Levels for Audiometric Test Rooms (ASA 99)
- ASA S3.2 (2009; R 2014) Method for Measuring the Intelligibility of Speech Over Communication Systems (ASA 85)
- ASA S3.41 (2015) Audible Emergency Evacuation Signal (ASA 96)
- ASA S12.11/Part 1 (2013) Acoustics-Measurement of Noise and Vibration of Small Air-Moving Devices, Part 1: Airborne Noise Emission
- ASA S12.11/Part 2 (2013) Acoustics-Measurement of Noise and Vibration of Small Air-Moving Devices, Part 2: Structure-borne Vibration
- ASA S12.23 (1989; R 2016) Method for the Designation of Sound Power Emitted by Machinery and Equipment
- ASA S12.51 (2012; R 2017) American National Standard Acoustics - Determination of Sound Power Levels and Sound Energy Levels of Noise Sources using Sound Pressure - Precision Methods for Reverberation Test Rooms
- ASA S12.53/1 (2011; R 2016) Acoustics- Determination of Sound Power Levels of Noise Sources - Engineering Methods for Small, Movable Sources in Reverberant Fields - Part1: Comparison Method for Hard-Walled Test Rooms
- ASA S12.53/2 (1999; R 2015) Acoustics- Determination of Sound Power Levels of Noise Sources Using Sound Pressure - Engineering Methods for Small, Movable Sources in Reverberant Fields - Part2: Methods for Special

Reverberation Test Rooms

ASA S12.54 (2011; R 2016) Acoustics - Determination of Sound Power Levels of Noise Sources Using Sound Pressure - Engineering Method in an Essentially Free Field over a Reflecting Plane

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC. (AIA/NAS)

AIA/NAS NAS410 (2014; Rev 4) NAS Certification & Qualification of Nondestructive Test Personnel

AIR BARRIER ASSOCIATION OF AMERICA (ABAA)

ABAA Accreditation Accreditation

ABAA QAP Quality Assurance Program

AIR CONDITIONING CONTRACTORS OF AMERICA (ACCA)

ACCA Manual 4 (2001) Installation Techniques for Perimeter Heating and Cooling; 11th Edition

AIR DUCT COUNCIL (ADC)

ADC Standards Manual (2008; 5th Edition) Flexible Duct Performance Installation Standards

AIR MOVEMENT AND CONTROL ASSOCIATION INTERNATIONAL, INC. (AMCA)

AMCA 99 (2016) Standards Handbook

AMCA 99-0401 (1986) Classifications for Spark Resistant Construction

AMCA 201 (2002; R 2011) Fans and Systems

AMCA 203 (1990; R 2011) Field Performance Measurements of Fan Systems

AMCA 204 (2005; R 2012) Balance Quality and Vibration Levels for Fans

AMCA 210 (2016) Laboratory Methods of Testing Fans for Aerodynamic Performance Rating

AMCA 211 (2013; Rev 2017) Certified Ratings Program Product Rating Manual for Fan Air Performance

AMCA 220 (2005;R 2012) Test Methods for Air Curtain Units

AMCA 300 (2014) Reverberant Room Method for Sound Testing of Fans

AMCA 301 (2014) Methods for Calculating Fan Sound Ratings from Laboratory Test Data

| | |
|------------|---|
| AMCA 500-D | (2018) Laboratory Methods of Testing Dampers for Rating |
| AMCA 500-L | (2015) Laboratory Methods of Testing Louvers for Rating |
| AMCA 511 | (2010) Certified Ratings Program for Air Control Devices |
| AMCA 801 | (2001; R 2008) Industrial Process/Power Generation Fans: Specification Guidelines |
| AMCA 802 | (2019) Industrial Process/Power Generation Fans: Establishing Performance Using Laboratory Models |
| AMCA CRP | (Online) Directory of Products Licensed Under the AMCA International Certified Ratings Program |

AIR-CONDITIONING, HEATING AND REFRIGERATION INSTITUTE (AHRI)

| | |
|------------------|--|
| AHRI 260 I-P | (2012) Sound Rating of Ducted Air Moving and Conditioning Equipment |
| AHRI 340/360 I-P | (2015) Performance Rating of Commercial and Industrial Unitary Air-Conditioning and Heat Pump Equipment |
| AHRI 350 | (2015) Sound Rating of Non-Ducted Indoor Air-Conditioning Equipment |
| AHRI 365 | (2009) Commercial and Industrial Unitary Air-Conditioning Condensing Units |
| AHRI 366 | (2009) Commercial and Industrial Unitary Air-Conditioning Condensing Units |
| AHRI 390 | (2003) Performance Rating of Single Package Vertical Air-Conditioners and Heat Pumps |
| AHRI 410 | (2001; Addendum 1 2002; Addendum 2 2005; Addendum 3 2011) Forced-Circulation Air-Cooling and Air-Heating Coils |
| AHRI 420 | (2008) Performance Rating of Forced-Circulation Free-Delivery Unit Coolers for Refrigeration |
| AHRI 430 | (2009) Central-Station Air-Handling Units |
| AHRI 430 I-P | (2014) Performance Rating of Central Station Air-handling Unit Supply Fans |
| AHRI 431 SI | (2014) Performance Rating of Central Station Air-handling Unit Supply Fans |
| AHRI 440 | (2008) Performance Rating of Room Fan-Coils |
| AHRI 450 | (2007) Water-Cooled Refrigerant Condensers, Remote |

| | Type |
|------------------|---|
| AHRI 480 | (2007) Refrigerant-Cooled Liquid Coolers, Remote Type |
| AHRI 490 I-P | (2011) Performance Rating of Remote Mechanical-Draft Evaporatively-Cooled Refrigerant Condensers |
| AHRI 540 | (2015) Performance Rating Of Positive Displacement Refrigerant Compressors And Compressor Units |
| AHRI 550/590 I-P | (2015; ERTA 2016) Performance Rating Of Water-Chilling and Heat Pump Water-Heating Packages Using the Vapor Compression Cycle |
| AHRI 575 | (2008) Method of Measuring Machinery Sound Within an Equipment Space |
| AHRI 700 | (2016) Specifications for Fluorocarbon Refrigerants |
| AHRI 710 I-P | (2009) Performance Rating of Liquid-Line Driers |
| AHRI 711 | (2009) Performance Rating of Liquid-Line Driers |
| AHRI 720 | (2002) Refrigerant Access Valves and Hose Connectors |
| AHRI 750 I-P | (2016) Performance Rating of Thermostatic Refrigerant Expansion Valves |
| AHRI 751 SI | (2016) Performance Rating of Thermostatic Refrigerant Expansion Valves |
| AHRI 840 I-P | (2015) Performance Rating of Unit Ventilators |
| AHRI 880 I-P | (2011) Performance Rating of Air Terminals |
| AHRI 881 SI | (2011) Performance Rating of Air Terminals |
| AHRI 885 | (2008; Addendum 2011) Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets |
| AHRI 1010 | (2002) Self-Contained, Mechanically Refrigerated Drinking-Water Coolers |
| AHRI 1060 I-P | (2014) Performance Rating of Air-to-Air Heat Exchangers for Energy Recovery Ventilation Heat Equipment |
| AHRI 1230 | (2010; Addendum 1 2011; Addendum 2 2014) Performance Rating of Variable Refrigerant Flow (VRF) Multi-Split Air-Conditioning and Heat Pump Equipment |
| AHRI DCAACP | (Online) Directory of Certified Applied Air-Conditioning Products |

| | |
|-----------------------|---|
| AHRI DCUP | (Online) Directory of Certified Unitary Products |
| AHRI Guideline D | (1996) Application and Installation of Central Station Air-Handling Units |
| AHRI Guideline K | (2009) Guideline for Containers for Recovered Non-Flammable Fluorocarbon Refrigerants |
| ANSI/AHRI 210/240 | (2008; Add 1 2011; Add 2 2012) Performance Rating of Unitary Air-Conditioning & Air-Source Heat Pump Equipment |
| ANSI/AHRI 270 | (2008) Sound Rating of Outdoor Unitary Equipment |
| ANSI/AHRI 340/360 | (2007; Addendum 1 2010; Addendum 2 2011) Performance Rating of Commercial and Industrial Unitary Air-Conditioning and Heat Pump Equipment |
| ANSI/AHRI 370 | (2015; Addendum 1 2016) Sound Rating of Large Outdoor Refrigerating and Air-Conditioning Equipment |
| ANSI/AHRI 460 | (2005) Performance Rating of Remote Mechanical-Draft Air-Cooled Refrigerant Condensers |
| ANSI/AHRI 495 | (2005) Performance Rating of Refrigerant Liquid Receivers |
| ANSI/AHRI 510 | (2006) Performance Rating of Positive Displacement Ammonia Compressors and Compressor Units |
| ANSI/AHRI 520 | (2004) Performance Rating of Positive Displacement Condensing Units |
| ANSI/AHRI 560 | (2000) Absorption Water Chilling and Water Heating Packages |
| ANSI/AHRI 620 I-P | (2014) Performance Rating of Self-Contained Humidifiers for Residential Applications |
| ANSI/AHRI 621 SI | (2014) Performance Rating of Self-Contained Humidifiers for Residential Applications |
| ANSI/AHRI 640 | (2005) Performance Rating of Commercial and Industrial Humidifiers |
| ANSI/AHRI 760 | (2007) Performance Rating of Solenoid Valves for Use With Volatile Refrigerants |
| ANSI/AHRI 850 | (2004) Performance Rating of Commercial and Industrial Air Filter Equipment |
| ANSI/AHRI/CSA 310/380 | (2014) Standard for Packaged Terminal Air-Conditioners and Heat Pumps |

ALLIANCE FOR TELECOMMUNICATIONS INDUSTRY SOLUTIONS (ATIS)

| | |
|----------------|--|
| ATIS ANSI O5.1 | (2017) Wood Poles -- Specifications & Dimensions |
|----------------|--|

ALUMINUM ASSOCIATION (AA)

| | |
|----------------|--|
| AA ADM | (2015) Aluminum Design Manual |
| AA ANSI H35.2M | (2017) Dimensional Tolerances for Aluminum Mill Products |
| AA ASD1 | (2017; Errata 2017) Aluminum Standards and Data |
| AA ASM-35 | (2000) Specifications for Aluminum Sheet Metal Work in Building Construction, Construction Manual Series Section 5 |
| AA DAF45 | (2003; Reaffirmed 2009) Designation System for Aluminum Finishes |
| AA H35.1/35.1M | (2017) American National Standard Alloy and Temper Designation Systems for Aluminum |
| AA PK-1 | (2015) Pink Sheets: Designations and Chemical Composition Limits for Aluminum Alloys in the Form of Castings & Ingot |

AMERICAN ARCHITECTURAL MANUFACTURERS ASSOCIATION (AAMA)

| | |
|----------------|---|
| AAMA 501 | (2015) Methods of Test for Exterior Walls |
| AAMA 501.1 | (2017) Standard Test Method for Water Penetration of Windows, Curtain Walls and Doors Using Dynamic Pressure |
| AAMA 501.2 | (2015) Quality Assurance and Diagnostic Water Leakage Field Check of Installed Storefronts, Curtain Walls and Sloped Glazing Systems |
| AAMA 501.4 | (2018) Recommended Static Test Method for Evaluating Window Wall, Curtain Wall and Storefront Systems Subjected to Seismic and Wind-Induced Inter-Story Drift |
| AAMA 501.5 | (2007) Test Method for Thermal Cycling of Exterior Walls |
| AAMA 501.6 | (2018) Recommended Dynamic Test Method for Determining the Seismic Drift Causing Glass Fallout from Window Wall, Curtain Wall and Storefront Systems |
| AAMA 501.7 | (2017) Recommended Static Test Method for Evaluating Windows, Window Wall, Curtain Wall and Storefront Systems Subjected to Vertical Inter-Story Movements |
| AAMA 609 & 610 | (2015) Cleaning and Maintenance Guide for Architecturally Finished Aluminum |
| AAMA 611 | (2014) Voluntary Specification for Anodized |

Architectural Aluminum

| | |
|--------------------------|--|
| AAMA 701/702 | (2011) Voluntary Specification for Pile Weatherstripping and Replaceable Fenestration Weatherseals |
| AAMA 800 | (2016) Voluntary Specifications and Test Methods for Sealants |
| AAMA 901 | (2016) Voluntary Specification for Rotary & Linear Operators in Window Applications |
| AAMA 902 | (2016) Voluntary Specification for Sash Balances |
| AAMA 907 | (2015) Voluntary Specification for Corrosion Resistant Coatings on Carbon Steel Components Used in Windows, Doors and Skylights |
| AAMA 1002 | (2011) Voluntary Specification for Secondary Storm Products for Windows and Sliding Glass Doors |
| AAMA 1302.4 | (1973) Specifications for Forced-Entry Resistant Aluminum Prime Windows |
| AAMA 1503 | (2009) Voluntary Test Method for Thermal Transmittance and Condensation Resistance of Windows, Doors and Glazed Wall Sections |
| AAMA 2603 | (2017a) Voluntary Specification, Performance Requirements and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels |
| AAMA 2604 | (2017a) Voluntary Specification, Performance Requirements and Test Procedures for High Performance Organic Coatings on Aluminum Extrusions and Panels |
| AAMA 2605 | (2017a) Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels |
| AAMA CW-10 | (2015) Care and Handling of Architectural Aluminum from Shop to Site |
| AAMA GDSG-1 | (1987) Glass Design for Sloped Glazing |
| AAMA MCWM-1 | (1989) Metal Curtain Wall Manual |
| AAMA TIR A7 | (2011) Sloped Glazing Guidelines |
| AAMA WSG.1 | (1995) Window Selection Guide |
| AAMA/WDMA/CSA 101/I.S.2/ | (2011; Update 1 2014) North American Fenestration Standard/Specification for Windows, Doors, and Skylights |

AMERICAN ASSOCIATION OF RADON SCIENTISTS AND TECHNOLOGISTS (AARST)

ANSI/AARST MALB (2014) Protocol for Conducting Measurements of Radon and Radon Decay Products in Schools and Large Buildings

ANSI/AARST RMS-LB (2018) Radon Mitigation Standards for Schools and Large Buildings

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO)

AASHTO GDHS-5 (2011, Errata 2012) A Policy on Geometric Design of Highways and Streets

AASHTO HB-17 (2002; Errata 2003; Errata 2005, 17th Edition) Standard Specifications for Highway Bridges

AASHTO LRFD (8th Edition; 2017) Bridge Design Specifications

AASHTO LRFDCONS (3rd Edition; 2010, 2011, 2012, 2014, 2015, and 2016 Int) Bridge Construction Specifications

AASHTO LTS (2013; Errata 2013) Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals

AASHTO M 30 (2002; R 2010) Standard Specification for Zinc-Coated Steel Wire Rope and Fittings for Highway Guardrail

AASHTO M 43 (2005; R 2009) Standard Specification for Sizes of Aggregate for Road and Bridge Construction

AASHTO M 81 (1992; R 2017) Standard Specification for Cutback Asphalt (Rapid-Curing Type)

AASHTO M 82 (2017) Standard Specification for Cutback Asphalt (Medium-Curing Type)

AASHTO M 118 (1979) Coal-Tar Bitumen Used in Roofing, Damp-Proofing, and Waterproofing

AASHTO M 133 (2012; R 2016) Standard Specification for Preservatives and Pressure Treatment Processes for Timber

AASHTO M 140 (2016) Standard Specification for Emulsified Asphalt

AASHTO M 145 (1991; R 2012) Standard Specification for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes

AASHTO M 147 (2017) Standard Specification for Materials for Aggregate and Soil-Aggregate Subbase, Base, and Surface Courses

| | |
|---------------------|--|
| AASHTO M 156 | (2013; R 2017) Standard Specification for Requirements for Mixing Plants for Hot-Mixed, Hot-Laid Bituminous Paving Mixtures |
| AASHTO M 167M/M 167 | (2017) Standard Specification for Corrugated Steel Structural Plate, Zinc-Coated, for Field-Bolted Pipe, Pipe-Arches, and Arches |
| AASHTO M 168 | (2007; R 2012) Standard Specification for Wood Products |
| AASHTO M 180 | (2012; R 2017) Standard Specification for Corrugated Sheet Steel Beams for Highway Guardrail |
| AASHTO M 182 | (2005; R 2017) Standard Specification for Burlap Cloth Made from Jute or Kenaf and Cotton Mats |
| AASHTO M 190 | (2004; R 2017) Standard Specification for Asphalt-Coated Corrugated Metal Culvert Pipe and Pipe Arches |
| AASHTO M 200 | (1973; R 2012) Standard Specification for Epoxy Protective Coatings |
| AASHTO M 208 | (2016) Standard Specification for Cationic Emulsified Asphalt |
| AASHTO M 216 | (2013; R 2017) Standard Specification for Quicklime and Hydrated Lime for Soil Stabilization |
| AASHTO M 219 | (1992; R 2017) Standard Specification for Corrugated Aluminum Alloy Structural Plate for Field-Bolted Pipe, Pipe-Arches, and Arches |
| AASHTO M 226 | (1980; R 2017) Standard Specification for Viscosity-Graded Asphalt Cement |
| AASHTO M 243 | (1996; R 2017) Standard Specification for Field-Applied Coating of Corrugated Metal Structural Plate for Pipe, Pipe-Arches, and Arches |
| AASHTO M 247 | (2013) Standard Specification for Glass Beads Used in Pavement Markings |
| AASHTO M 248 | (1991; R 2012) Standard Specification for Ready-Mixed White and Yellow Traffic Paints |
| AASHTO M 249 | (2012; R2016) Standard Specification for White and Yellow Reflective Thermoplastic Striping Material (Solid Form) |
| AASHTO M 251 | (2006; R 2011) Standard Specification for Plain and Laminated Elastomeric Bridge Bearings |
| AASHTO M 252 | (2009; R 2017) Standard Specification for Corrugated Polyethylene Drainage Pipe |

| | |
|------------------|---|
| AASHTO M 268 | (2014) Standard Specification for Retroreflective Sheeting for Flat and Vertical Traffic Control Applications |
| AASHTO M 288 | (2017) Standard Specification for Geosynthetic Specification for Highway Applications |
| AASHTO M 294 | (2017) Standard Specification for Corrugated Polyethylene Pipe, 300- to 1500-mm (12- to 60-in.) Diameter |
| AASHTO M 300 | (2003; R 2017) Standard Specification for Inorganic Zinc-Rich Primer |
| AASHTO M 306 | (2010; R 2015) Standard Specification for Drainage, Sewer, Utility, and Related Castings |
| AASHTO M 314 | (1990; R 2013) Standard Specification for Steel Anchor Bolts |
| AASHTO M 320 | (2017) Standard Specification for Performance-Graded Asphalt Binder |
| AASHTO M 325 | (2008) Standard Specification for Stone Matrix Asphalt (SMA) |
| AASHTO MASH | (2016) Manual for Assessing Safety Hardware - Second Edition |
| AASHTO MP 20 | (2013; R 2017) Standard Specification for Steel-Reinforced Polyethylene (PE) Ribbed Pipe, 300- to 1500-mm (12- to 60-in) Diameter |
| AASHTO R 46 | (2008; R 2017) Standard Practice for Designing Stone Matrix Asphalt (SMA) |
| AASHTO R 66 | (2016) Standard Practice for Sampling Asphalt Materials |
| AASHTO R 80 | (2017) Standard Practice for Determining the Reactivity of Concrete Aggregates and Selecting Appropriate Measures for Preventing Deleterious Expansion in New Concrete Construction |
| AASHTO RSDG-4 | (2011; Errata 1 2012; Errata 2 2015) Roadside Design Guide |
| AASHTO SDDP-1-OL | (2003) Shop Detail Drawing Presentation Guidelines |
| AASHTO T 11 | (2005; R 2013) Standard Method of Test for Materials Finer Than 75 Micrometer (No. 200) Sieve in Mineral Aggregates by Washing |
| AASHTO T 27 | (2014) Standard Method of Test for Sieve Analysis of Fine and Coarse Aggregates |
| AASHTO T 40 | (2002; R 2006) Sampling Bituminous Materials |

| | |
|--------------|---|
| AASHTO T 88 | (2013) Standard Method of Test for Particle Size Analysis of Soils |
| AASHTO T 102 | (2009; R 2013) Standard Method of Test for Spot Test of Asphaltic Materials |
| AASHTO T 134 | (2005; R 2013) Standard Method of Test for Moisture-Density Relations of Soil-Cement Mixtures |
| AASHTO T 135 | (2013; R 2017) Standard Method of Test for Wetting-and-Drying Test of Compacted Soil-Cement Mixtures |
| AASHTO T 136 | (2013; R 2017) Standard Method of Test for Freezing-and-Thawing Tests of Compacted Soil-Cement Mixtures |
| AASHTO T 180 | (2017) Standard Method of Test for Moisture-Density Relations of Soils Using a 4.54-kg (10-lb) Rammer and a 457-mm (18-in.) Drop |
| AASHTO T 193 | (2013; R 2017) Standard Method of Test for The California Bearing Ratio |
| AASHTO T 219 | (1987; R 2018) Standard Method of Test for Testing Lime for Chemical Constituents and Particle Sizes |
| AASHTO T 224 | (2010) Standard Method of Test for Correction for Coarse Particles in the Soil Compaction Test |
| AASHTO T 259 | (2002; R 2017) Standard Method of Test for Resistance of Concrete to Chloride Ion Penetration |
| AASHTO T 260 | (1997; R 2016) Standard Method of Test for Sampling and Testing for Chloride Ion in Concrete and Concrete Raw Materials |
| AASHTO T 304 | (2011; R 2015) Standard Method of Test for Uncompacted Void Content of Fine Aggregate |
| AASHTO T 308 | (2016) Standard Method of Test for Determining the Asphalt Binder Content of Hot Mix Asphalt (HMA) by the Ignition Method |
| AASHTO T 326 | (2005; R 2013) Standard Method of Test for Uncompacted Void Content of Coarse Aggregate (As Influenced by Particle Shape, Surface Texture, and Grading) |
| AASHTO T 329 | (2015) Standard Test Method for Moisture Content of Hot Mix Asphalt (HMA) by Oven Method |
| AASHTO T 358 | (2017) Standard Method of Test for Surface Resistivity Indication of Concrete's Ability to Resist Chloride Ion Penetration |

AMERICAN ASSOCIATION OF TEXTILE CHEMISTS AND COLORISTS (AATCC)

| | |
|-----------|---|
| AATCC 16 | (2004; E 2008; E 2010) Colorfastness to Light |
| AATCC 107 | (2013) Colorfastness to Water |
| AATCC 134 | (2016) Electrostatic Propensity of Carpets |
| AATCC 165 | (2013) Colorfastness to Crocking: Textile Floor Coverings - Crockmeter Method |
| AATCC 174 | (2016) Antimicrobial Activity Assessment of New Carpets |

AMERICAN BEARING MANUFACTURERS ASSOCIATION (ABMA)

| | |
|---------|--|
| ABMA 7 | (1995; Stabilized (S) 2013) Shaft and Housing Fits for Metric Radial Ball and Roller Bearings (Except Tapered Roller Bearings) Conforming to Basic Boundary Plan |
| ABMA 9 | (2015) Load Ratings and Fatigue Life for Ball Bearings |
| ABMA 11 | (2014) Load Ratings and Fatigue Life for Roller Bearings |

AMERICAN BOILER MANUFACTURERS ASSOCIATION (ABMA/BOIL)

| | |
|-----------------|---|
| ABMA Boiler 103 | (2001) Selected Codes and Standards of the Boiler Industry |
| ABMA Boiler 203 | (2002) A Guide to Clean and Efficient Operation of Coal-Stoker-Fired Boilers |
| ABMA Boiler 402 | (2012) Boiler Water Quality Requirements and Associated Steam Quality for Industrial/Commercial and Institutional Boilers |

AMERICAN BUREAU OF SHIPPING (ABS)

| | |
|-------|--|
| ABS 2 | (2019) Rules for Building and Classing Steel Vessels |
|-------|--|

AMERICAN COMPOSITES MANUFACTURER'S ASSOCIATION (ACMA)

| | |
|-----------|--|
| ACMA Code | (2011) Code of Standard Practice: Industry Guidelines for Fabrication and Installation of Pultruded FRP Structures |
|-----------|--|

AMERICAN CONCRETE INSTITUTE (ACI)

| | |
|------------|--|
| ACI 117 | (2010; Errata 2011) Specifications for Tolerances for Concrete Construction and Materials and Commentary |
| ACI 121R | (2008) Guide for Concrete Construction Quality Systems in Conformance with ISO 9001 |
| ACI 201.1R | (2008) Guide for Conducting a Visual Inspection of |

Concrete in Service

| | |
|------------|--|
| ACI 201.2R | (2016) Guide to Durable Concrete |
| ACI 211.1 | (1991; R 2009) Standard Practice for Selecting Proportions for Normal, Heavyweight and Mass Concrete |
| ACI 211.2 | (1998; R 2004) Standard Practice for Selecting Proportions for Structural Lightweight Concrete |
| ACI 211.3R | (2016) Guide for Selecting Proportions for No-Slump Concrete |
| ACI 211.5R | (2014) Guide for Submittal of Concrete Proportions |
| ACI 212.3R | (2016) Chemical Admixtures for Concrete |
| ACI 213R | (2014; E2017) Guide for Structural Lightweight-Aggregate Concrete |
| ACI 214R | (2011) Evaluation of Strength Test Results of Concrete |
| ACI 216.1 | (2014) Code Requirements for Determining Fire Resistance of Concrete and Masonry Construction Assemblies |
| ACI 228.2R | (2013) Report on Nondestructive Test Methods for Evaluation of Concrete in Structures |
| ACI 301 | (2016) Specifications for Structural Concrete |
| ACI 301M | (2016) Metric Specifications for Structural Concrete |
| ACI 302.1R | (2015) Guide for Concrete Floor and Slab Construction |
| ACI 304.2R | (2017) Guide to Placing Concrete by Pumping Methods |
| ACI 304R | (2000; R 2009) Guide for Measuring, Mixing, Transporting, and Placing Concrete |
| ACI 305.1 | (2014) Specification for Hot Weather Concreting |
| ACI 305R | (2010) Guide to Hot Weather Concreting |
| ACI 306.1 | (1990; R 2002) Standard Specification for Cold Weather Concreting |
| ACI 306R | (2016) Guide to Cold Weather Concreting |
| ACI 308.1 | (2011) Specification for Curing Concrete |
| ACI 308R | (2016) Guide to Curing Concrete |

| | |
|-------------|---|
| ACI 309R | (2005) Guide for Consolidation of Concrete |
| ACI 311.4R | (2005) Guide for Concrete Inspection |
| ACI 318 | (2014; Errata 1-2 2014; Errata 3-5 2015; Errata 6 2016; Errata 7-9 2017) Building Code Requirements for Structural Concrete (ACI 318-14) and Commentary (ACI 318R-14) |
| ACI 318M | (2014; ERTA 2015) Building Code Requirements for Structural Concrete & Commentary |
| ACI 325.12R | (2002; R 2013) Guide for Design of Jointed Concrete Pavements for Streets and Local Roads |
| ACI 325.14R | (2017) Guide for Design and Proportioning of Concrete Mixtures for Pavements |
| ACI 330R | (2008) Guide for the Design and Construction of Concrete Parking Lots |
| ACI 336.1 | (2001) Specification for the Construction of Drilled Piers |
| ACI 346 | (2009) Specification for Cast-in-Place Concrete Pipe |
| ACI 347R | (2014; Errata 1 2017) Guide to Formwork for Concrete |
| ACI 355.2 | (2007) Qualification of Post-Installed Mechanical Anchors in Concrete and Commentary |
| ACI 355.4 | (2011) Qualification of Post-Installed Adhesive Anchors in Concrete (ACI 355.4) and Commentary |
| ACI 440.2R | (2017) Guide for the Design and Construction of Externally Bonded FRP Systems for Strengthening Concrete Structures |
| ACI 440.3R | (2012) Guide Test Methods for Fiber-Reinforced Polymer (FRP) for Reinforcing or Strengthening Concrete Structures |
| ACI 440.5 | (2008) Specification for Construction with Fiber-Reinforced Polymer Reinforcing Bars |
| ACI 440.6 | (2008) Specification for Carbon and Glass Fiber-Reinforced Polymer Bar Materials for Concrete Reinforcement |
| ACI 440.7R | (2010) Guide for the Design and Construction of Externally Bonded Fiber-Reinforced Polymer Systems for Strengthening Unreinforced Masonry Structures |
| ACI 440.8 | (2013) Specification for Carbon and Glass Fiber-Reinforced Polymer (FRP) Materials Made by Wet Layup for External Strengthening of Concrete and Masonry Structures |

| | |
|-----------------|--|
| ACI 503.1-503.4 | (1993, R 2003) Four Epoxy Specifications |
| ACI 503.2-503.4 | (2010, R 2003) Three Epoxy Specifications |
| ACI 503.3 | (2010) Specification for Producing a Skid-Resistant Surface on Concrete by the Use of Epoxy and Aggregate |
| ACI 503.7 | (2007) Specification for Crack Repair by Epoxy Injection |
| ACI 506.2 | (2013; R 2018) Specification for Materials, Proportioning, and Application of Shotcrete |
| ACI 522.1 | (2013) Specification For Pervious Concrete Pavement |
| ACI 523.4R | (2009) Guide for Design and Construction with Autoclaved Aerated Concrete Panels |
| ACI 530/530.1 | (2013) Building Code Requirements and Specification for Masonry Structures and Related Commentaries |
| ACI 548.4 | (2011) Standard Specification for Latex-Modified Concrete (LMC) Overlays |
| ACI 548.8 | (2007) Specification for Type EM (Epoxy Multi-Layer) Polymer Overlay for Bridge and Parking Garage Decks |
| ACI 548.9 | (2008) Specification for Type ES (Epoxy Slurry) Polymer Overlay for Bridge and Parking Garage Decks |
| ACI 548.10 | (2010) Specification for Type MMS (Methyl Methacrylate Slurry) Polymer Overlays for Bridge and Parking Garage Decks |
| ACI 548.12 | (2012) Specification for Bonding Hardened Concrete and Steel to Hardened Concrete with an Epoxy Adhesive |
| ACI 551.1R | (2014) Tilt-up Concrete Construction Guide |
| ACI CP-50 | (2007) Tilt-Up Supervisor & Technician Reference Guide |
| ACI MCP SET | (2017) Manual of Concrete Practice |
| ACI SP-2 | (2007; Abstract: 10th Edition) ACI Manual of Concrete Inspection |
| ACI SP-15 | (2011) Field Reference Manual: Standard Specifications for Structural Concrete ACI 301-05 with Selected ACI References |
| ACI SP-66 | (2004) ACI Detailing Manual |
| ACI/MCP-2 | (2015) Manual of Concrete Practice Part 2 |

ACI/MCP-3 (2015) Manual of Concrete Practice Part 3

ACI/MCP-4 (2015) Manual of Concrete Practice Part 4

AMERICAN CONCRETE PIPE ASSOCIATION (ACPA)

ACPA 01-102 (2000) Concrete Pipe Handbook

ACPA 01-103 (2000) Concrete Pipe Installation Manual

ACPA 01-110 (1984) Design Manual for Sulfide and Corrosion Prediction and Control

ACPA QPC (202016) QCast Plant Certification Manual

AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH)

ACGIH 0100 (2015; Suppl 2002-2016) Documentation of the Threshold Limit Values and Biological Exposure Indices

ACGIH 0116 (2016) TLVs and BEIs

ACGIH 2098 (2016) Industrial Ventilation: A Manual of Recommended Practice for Design

ACGIH-2092S (2004) Industrial Ventilation: A Manual of Recommended Practice

ACGIH-2097 (2013) Industrial Ventilation: A Manual of Recommended Practice (Metric)

ACGIH-2106 (2007) Industrial Ventilation: A Manual of Recommended Practice for Operation and Maintenance

AMERICAN FOREST FOUNDATION (AFF)

ATFS STANDARDS (2015) American Tree Farm System Standards of Sustainability 2015-2020

AMERICAN GAS ASSOCIATION (AGA)

AGA ANSI B109.1 (2000) Diaphragm Type Gas Displacement Meters (Under 500 cubic ft./hour Capacity)

AGA ANSI B109.2 (2000) Diaphragm Type Gas Displacement Meters (500 cubic ft./hour Capacity and Over)

AGA ANSI B109.3 (2019) Rotary-Type Gas Displacement Meters

AGA ANSI B109.4 (2016) Self-Operated Diaphragm-Type Natural Gas Service Regulators for Nominal Pipe Size 1¼ inches (32 mm) and Smaller with Outlet Pressures of 2 psig (13.8 kPa) and Less

AGA GMC Gas Measurement Committee Report No. 3

AGA Report No 3 (2016; 5th Ed) Orifice Metering of Natural Gas And Other Related Hydrocarbon Fluids; PART 2: Specification and Installation Requirements

AGA XR0603 (2006; 8th Ed) AGA Plastic Pipe Manual for Gas Service

AGA Z223.1 (2012) National Fuel Gas Code

AMERICAN GEAR MANUFACTURERS ASSOCIATION (AGMA)

AGMA 908 (1989B; R 1999) Information Sheet: Geometry Factors for Determining the Pitting Resistance and Bending Strength of Spur, Helical and Herringbone Gear Teeth

AGMA 2011 (2014B) Cylindrical Wormgearing Tolerance and Inspection Methods

AGMA 2015/915-1 (2002A) Accuracy Classification System - Tangential Measurement Tolerance Tables for Cylindrical Gears

AGMA 6011 (2014J) Specifications for High Speed Helical Gear Units

AGMA 6013 (2006A; R2016) Standard for Industrial Enclosed Gear Drives

AGMA 6123 (2016C) Design Manual for Enclosed Epicyclic Gear Drives

AGMA 9002 (2014C) Bores and Keyways for Flexible Couplings (Inch Series)

AGMA ISO 10064-6 (2010A) Code of Inspection Practice - Part 6: Bevel Gear Measurement Methods

AGMA ISO 17485 (2008A; Supplement 2008) Bevel Gears - ISO System of Accuracy (Including Supplement - Tolerance Tables 2008)

AGMA ISO 22849-A12 (2012) Design Recommendations for Bevel Gears

AGMA ISO 23509-A08 (2008) Bevel and Hypoid Gear Geometry

ANSI/AGMA 2001 (2004D; R 2010) Fundamental Rating Factors and Calculation Methods for Involute Spur and Helical Gear Teeth

ANSI/AGMA 2003 (2010D) Rating the Pitting Resistance and Bending Strength of Generated Straight Bevel, ZEROL Bevel, and Spiral Bevel Gear Teeth

ANSI/AGMA 2004 (2008C; R 2014) Gear Materials, Heat Treatment and Processing Manual

ANSI/AGMA 2009 (2001B; R 2008) Bevel Gear Classification, Tolerances, and Inspection Methods

| | |
|------------------|--|
| ANSI/AGMA 2015-1 | (2001A; R 2014) Accuracy Classification System - Tangential Measurements for Cylindrical Gears |
| ANSI/AGMA 6001 | (2008E; R 2014) Design and Selection of Components for Enclosed Gear Drives |
| ANSI/AGMA 6013 | (2006A; R 2016) Standard for Industrial Enclosed Gear Drives |
| ANSI/AGMA 6025 | (1998D; R 2010) Sound for Enclosed Helical, Herringbone and Spiral Bevel Gear Drives |
| ANSI/AGMA 6034 | (1992B; R 2010) Practice for Enclosed Cylindrical Wormgear Speed Reducers and Gearmotors |
| ANSI/AGMA 6113 | (2016B) Standard for Industrial Enclosed Gear Drives (Metric Edition) |
| ANSI/AGMA 9000 | (2011D) Flexible Couplings - Potential Unbalance Classification |
| ANSI/AGMA 9005 | (2016) Industrial Gear Lubrication |

AMERICAN HARDBOARD ASSOCIATION (AHA)

| | |
|------------|---------------------------------|
| AHA A135.4 | (1995; R 2004) Basic Hardboard |
| AHA A135.6 | (1998; R 2006) Hardboard Siding |

AMERICAN INDUSTRIAL HYGIENE ASSOCIATION (AIHA)

| | |
|-----------------|--|
| AIHA IMOM08-679 | (2008) Recognition, Evaluation, and Control of Indoor Mold |
| AIHA Z9.3 | (2007) Spray Finishing Operations - Safety Code for Design, Construction and Ventilation |
| AIHA Z88.6 | (2006) Respiratory Protection - Respirator Use-Physical Qualifications for Personnel |

AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)

| | |
|----------|---|
| AISC 207 | (2016; R 2017) Certification Standard for Steel Fabrication and Erection, and Manufacturing of Metal Components |
| AISC 303 | (2016) Code of Standard Practice for Steel Buildings and Bridges |
| AISC 325 | (2017) Steel Construction Manual |
| AISC 326 | (2009) Detailing for Steel Construction |
| AISC 341 | (2016) Seismic Provisions for Structural Steel Buildings |
| AISC 360 | (2016) Specification for Structural Steel Buildings |

AIISC 420 (2010) Certification Standard for Shop Application of Complex Protective Coating Systems

AIISC DESIGN GUIDE 10 (1997) Erection Bracing of Low-Rise Structural Steel Buildings

AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (AITC)

AITC 109 (2007) Standard for Preservative Treatment of Structural Glued Laminated Timber

AITC 111 (2005) Recommended Practice for Protection of Structural Glued Laminated Timber During Transit, Storage and Erection

AITC 113 (2010) Standard for Dimensions of Structural Glued Laminated Timber

AITC 119 (1996) Standard Specifications for Structural Glued Laminated Timber of Hardwood Species

AITC TCM (2012) Timber Construction Manual, 5th Edition

ANSI/AITC A190.1 (2007) American National Standard, Structural Glued Laminated Timber

AMERICAN IRON AND STEEL INSTITUTE (AISI)

AISC/AISI 121 (2004) Standard Definitions for Use in the Design of Steel Structures

AISI D100 (1991; R 2008) Cold-Formed Steel Design Manual

AISI E 1 (2011) Steel Plate Engineering Data Series - Design of Plate Structures, Volumes I & II

AISI S100 (2012) North American Specification for the Design of Cold-Formed Steel Structural Members

AISI S110 (2007; Suppl 1; Reaffirmed 2012) Standard for Seismic Design of Cold-Formed Steel Structural Systems - Special Bolted Moment Frames

AISI S200 (2007) North American Standard for Cold-Formed Steel Framing - General Provision

AISI S201 (2007) North American Standard for Cold-Formed Steel Framing - Product Data

AISI S202 (2011) Code of Standard Practice for Cold-formed Steel Structural Framing

AISI S211 (2007) North American Standard for Cold-Formed Steel Framing - Wall Stud Design

AISI S212 (2007) North American Standard for Cold-Formed Steel Framing - Header Design

| | |
|--|---|
| AISI S213 | (2007; Suppl 1 2009) North American Standard for Cold-Formed Steel Framing - Lateral Design |
| AISI S214 | (2012) North American Standard for Cold-Formed Steel Framing - Truss Design |
| AISI SG03-3 | (2002; Suppl 2001-2004; R 2008) Cold-Formed Steel Design Manual Set |
| AMERICAN LADDER INSTITUTE (ALI) | |
| ALI A14.3 | (2008; R 2018) Ladders - Fixed - Safety Requirements |
| AMERICAN LUMBER STANDARDS COMMITTEE (ALSC) | |
| ALSC PS 20 | (2015) American Softwood Lumber Standard |
| AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) | |
| ANSI A108.11 | (1992; Reaffirmed 2005) Specifications for Interior Installation of Cementitious Backer Units |
| ANSI A108/A118/A136.1 | (2013) Installation of Ceramic Tile |
| ANSI A118.7 | (2010) American National Standard Specifications for High Performance Cement Grouts for Tile Installation |
| ANSI A136.1 | (2008 [Reaffirmed 2013]) American National Standard Specifications for Organic Adhesives for Installation of Ceramic Tile |
| ANSI A137.1 | (2012) American National Standards Specifications for Ceramic Tile |
| ANSI A137.2 | (2012) American National Standards Specifications for Glass Tile |
| ANSI A161.2 | (1998) Decorative Laminate Countertops, Performance Standards for Fabricated High Pressure |
| ANSI C12.1 | ((2014; Errata 2016) Electric Meters - Code for Electricity Metering |
| ANSI C39.1 | (1981; R 1992) Requirements for Electrical Analog Indicating Instruments |
| ANSI C57.12.13 | (1982) Conformance Requirements for Liquid-Filled Transformers |
| ANSI C135.14 | (1979) Staples with Rolled or Slash Points for Overhead Line Construction |
| ANSI INCITS 154 | (1988; R 2004) Office Machines and Supplies - Alphanumeric Machines - Keyboard Arrangement |
| ANSI Z21.1/CSA 1.1 | (2018) Household Cooking Gas Appliances |

| | |
|-----------------------|--|
| ANSI Z21.10.1/CSA 4.1 | (2017) Gas Water Heaters Vol. I, Storage Water Heaters with Input Ratings of 75,000 Btu Per Hour or Less |
| ANSI Z21.10.3/CSA 4.3 | (2017) Gas-Fired Water Heaters Vol.III, Storage Water Heaters With Input Ratings Above 75,000 Btu Per Hour, Circulating and Instantaneous |
| ANSI Z21.13/CSA 4.9 | (2017; Errata 2018) Gas-Fired Low Pressure Steam and Hot Water Boilers |
| ANSI Z21.15/CSA 9.1 | (2009; Addenda A 2012, Addenda B 2013; R 2019) Manually Operated Gas Valves for Appliances, Appliance Connector Valves and Hose End Valves |
| ANSI Z21.18/CSA 6.3 | (2007; R 2017) Gas Appliance Pressure Regulators |
| ANSI Z21.21/CSA 6.5 | (2015) Automatic Valves for Gas Appliances |
| ANSI Z21.22/CSA 4.4 | (2015) Relief Valves for Hot Water Supply Systems |
| ANSI Z21.24/CSA 6.10 | (2015; Errata 2017) Connectors for Gas Appliances |
| ANSI Z21.41/CSA 6.9 | (2014; R 2019) Quick-Disconnect Devices for Use with Gas Fuel Appliances |
| ANSI Z21.45 | (1995) Flexible Connectors of Other Than All-Metal Construction for Gas Appliances |
| ANSI Z21.47/CSA 2.3 | (2016) Gas-Fired Central Furnaces |
| ANSI Z21.66/CGA 6.14 | (2015) Automatic Vent Damper Devices for Use with Gas-Fired Appliances |
| ANSI Z21.69/CSA 6.16 | (2009; Addenda A 2012; R 2014) Connectors for Movable Gas Appliances |
| ANSI Z21.78/CSA 6.20 | (2010; R 2015) Standard Specification for Combination Gas Controls for Gas Appliances |
| ANSI Z21.80/CSA 6.22 | (2019) Line Pressure Regulators |
| ANSI Z21.86/CSA 2.32 | (2016) Vented Gas-Fired Space Heating Appliances |
| ANSI Z83.4/CSA 3.7 | (2017) Non-Recirculating Direct Gas-Fired Heating and Forced Ventilation Appliances for Commercial and Industrial Application |
| ANSI Z83.8/CSA 2.6 | (2016; Errata 2017) Gas Unit Heaters, Gas Packaged Heaters, Gas Utility Heaters, and Gas-Fired Duct Furnaces |
| ANSI Z83.19/CSA 2.35 | (2017) Gas-Fired High-Intensity Infrared Heaters |
| ANSI Z97.1 | (2015) Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test |

| | |
|--------------------|---|
| ANSI Z400.1/Z129.1 | (2010) Hazardous Workplace Chemicals - Hazard Evaluation and Safety Data Sheet and Precautionary Labeling Preparation |
| ANSI Z535.4 | (2011) Product Safety Signs and Labels |
| ANSI/SPRI ES-1 | (2003) Wind Design Standard for Edge Systems Used with Low Slope Roofing Systems |
| ASC/X9 X9.52 | (1998) Triple Data Encryption Algorithm Modes of Operation |

AMERICAN PETROLEUM INSTITUTE (API)

| | |
|-------------------|---|
| API 570 | (2016; Addendum 1 2017; Addendum 2 2018; ERTA 1 2018) Piping Inspection Code: In-Service Inspection, Rating, Repair, and Alteration of Piping Systems |
| API API-ASME CODE | (1951) Unfired Pressure Vessels for Petroleum Liquids and Gases |
| API MPMS 2.2A | (1995; R 2017) Manual of Petroleum Measurement Standards Chapter 2-Tank Calibration Section 2A-Measurement and Calibration of Upright Cylindrical Tanks by the Manual Tank Strapping Method |
| API MPMS 2.2B | (1989; R 2019) Manual of Petroleum Measurement Standards Chapter 2: Tank Calibration - Section 2B: Calibration of Upright Cylindrical Tanks Using the Optical Reference Line Method |
| API MPMS 2.2C | (2002; R 2013) Manual of Petroleum Measurement Standards Chapter 2: Tank Calibration - Section 2C - Calibration of Upright Cylindrical Tanks Using the Optical-Triangulation Method |
| API MPMS 2.2D | (2003; R 2014) Manual of Petroleum Measurement Standards Chapter 2: Tank Calibration - Section 2D Calibration of Upright Cylindrical Tanks Using the Internal Electro-Optical Distance-Ranging Method |
| API MPMS 2.2E | (2004; Errata 2009; R 2009) Petroleum and Liquid Petroleum Products - Calibration of Horizontal Cylindrical Tanks - Part 1: Manual Methods |
| API PUBL 1628 | (1996) A Guide to the Assessment and Remediation of Underground Petroleum Releases |
| API RP 13B-1 | (2009; R 2016) Recommended Practice for Field Testing Water-Based Drilling Fluids |
| API RP 500 | (2012; Errata 2014) Classification of Locations for Electrical Installations at Petroleum Facilities Classified as Class I, Division and Division 2 |

| | |
|-------------|---|
| API RP 540 | (1999; R 2004) Electrical Installations in Petroleum Processing Plants |
| API RP 686 | (2009) Recommended Practice for Machinery Installation and Installation Design |
| API RP 1004 | (2003) Bottom Loading and Vapor Recovery for MC-306 and DOT-406 Tank Motor Vehicles |
| API RP 1110 | (2013; R 2018) Recommended Practice for the Pressure Testing of Steel Pipelines for the Transportation of Gas, Petroleum Gas, Hazardous Liquids, Highly Volatile Liquids, or Carbon Dioxide |
| API RP 1130 | (2007; R 2017) Computational Pipeline Monitoring for Liquids |
| API RP 1595 | (2012; R 2019; 2nd Ed) Design, Construction, Operation, Maintenance, and Inspection of Aviation Pre-Airfield Storage Terminals |
| API RP 1604 | (1996; R 2010) Closure of Underground Petroleum Storage Tanks |
| API RP 1615 | (2011) Installation of Underground Petroleum Storage Systems |
| API RP 2003 | (2015; 8th Ed) Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents |
| API RP 2009 | (2002; R 2007; 7th Ed) Safe Welding, Cutting, and Hot Work Practices in Refineries, Gasoline Plants, and Petrochemical Plants |
| API RP 2027 | (2002; R 2012; 3rd Ed) Ignition Hazards Involved in Abrasive Blasting of Atmospheric Storage Tanks in Hydrocarbon Service |
| API RP 2200 | (1999; R 2004) Electrical Installations in Petroleum Processing Plants |
| API RP 2207 | (2017; 7th Ed) Preparing Tank Bottoms for Hot Work |
| API RP 2219 | (2016) Safe Operation of Vacuum Trucks Handling Flammable and Combustible Liquids in Petroleum Service |
| API STD 600 | (2015) Steel Gate Valves-Flanged and Butt-welding Ends, Bolted Bonnets |
| API STD 608 | (2012) Metal Ball Valves - Flanged, Threaded, And Welding End |
| API STD 610 | (2010; Errata 2011) Centrifugal Pumps for Petroleum, Petrochemical, and Natural Gas Industries |
| API STD 682 | (2014) Pumps Shaft Sealing Systems For Centrifugal |

and Rotary Pumps

| | |
|---------------|--|
| API STD 2217A | (2017) Safe Work in Inert Confined Spaces in the Petroleum and Petrochemical Industries |
| API Spec 5CT | (2018) Casing and Tubing |
| API Spec 5L | (2018; 46th Ed; ERTA 2018) Line Pipe |
| API Spec 6D | (June 2018, 4th Ed; Errata 1 July 2018; Errata 2 August 2018) Specification for Pipeline and Piping Valves |
| API Spec 6FA | (1999; R 2006; Errata 2006; Errata 2008; R 2011) Specification for Fire Test for Valves |
| API Spec 13A | (2010; Errata 1 2014; Errata 2-3 2015) Specification for Drilling-Fluid Materials |
| API Spec 15LR | (2001; R 2018) Specification for Low Pressure Fiberglass Line Pipe |
| API Spec 17J | (2016; Errata 2 2017; ADD 1 2017) Specification for Unbonded Flexible Pipe |
| API Std 521 | (2014; 6th Ed) Pressure-relieving and Depressuring Systems |
| API Std 594 | (2017) Check Valves: Flanged, Lug, Wafer and Butt-Welding |
| API Std 598 | (2009) Valve Inspecting and Testing |
| API Std 607 | (2016) Fire Test for Quarter-turn Valves and Valves Equipped with Non-metallic Seats |
| API Std 609 | (2016; ERTA 2017) Butterfly Valves: Double Flanged, Lug-and-Wafer Type |
| API Std 617 | (2014; 8th Ed; ERTA 1 August 2016) Axial and Centrifugal Compressors and Expander-Compressors |
| API Std 618 | (2007; R 2016) Reciprocating Compressors for Petroleum, Chemical, and Gas Industry Services |
| API Std 619 | (2010) Rotary-Type Positive Displacement Compressors for Petroleum, Petrochemical, and Natural Gas Industries |
| API Std 650 | (2013; Errata 1 2013; Addendum 1 2014; Errata 2 2014; Addendum 2 2016; Addendum 3 2018) Welded Tanks for Oil Storage |
| API Std 653 | (2014; Addendum 1 2018) Tank Inspection, Repair, Alteration, and Reconstruction |
| API Std 672 | (2004; Errata 2007; Errata 2010) Packaged, |

Integrally Geared Centrifugal Air Compressors for
Petroleum, Chemical, and Gas Industry Services

API Std 1104 (2013; Errata 1-3 2014; Addendum 1 2014; Errata 4
2015; Addendum 2 2016) Welding of Pipeline and
Related Facilities

API Std 2000 (2014) Venting Atmospheric and Low-Pressure Storage
Tanks

API Std 2015 (2018) Requirements for Safe Entry and Cleaning of
Petroleum Storage Tanks

AMERICAN RAILWAY ENGINEERING AND MAINTENANCE-OF-WAY ASSOCIATION
(AREMA)

AREMA Eng Man (2017) Manual for Railway Engineering

AREMA Track Plans (2008) Portfolio of Trackwork Plans

AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING (ASNT)

ANSI/ASNT CP-189 (2016) ASNT Standard for Qualification and
Certification of Nondestructive Testing Personnel
(ANSI/ASNT CP-105-2006)

ASNT CP-105 (2011) ASNT Standard Topical Outlines for
Qualification of Nondestructive Testing Personnel -
Item No. 2821

ASNT SNT-TC-1A (2016) Recommended Practice for Personnel
Qualification and Certification in Nondestructive
Testing

ASNT SNT-TC-1A Q&A Bk A (2010) Supplement to Recommended Practice No.
SNT-TC-1A (Q&A Book): Radiographic Testing Method

ASNT SNT-TC-1A Q&A Bk B (2007) Supplement to Recommended Practice
SNT-TC-1A (Q&A Book): Magnetic Particle Method

ASNT SNT-TC-1A Q&A Bk C (2011; Text Correction 2011) Supplement to
Recommended Practice No. SNT-TC-1A (Q&A Book):
Ultrasonic Testing Method

ASNT SNT-TC-1A Q&A Bk D (2011; Text Correction 2011) Supplement to
Recommended Practice No. SNT-TC-1A (Q&A Book):
Liquid Penetrant Testing Method

AMERICAN SOCIETY FOR QUALITY (ASQ)

ANSI/ASQ Z1.4 (2008; R 2013) Sampling Procedures and Tables for
Inspection by Attributes

AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE)

ASCE 2-06 (2007) Measurement of Oxygen Transfer in Clean Water

| | |
|------------------|--|
| ASCE 7 | (2017) Minimum Design Loads for Buildings and Other Structures |
| ASCE 7-10 | (2010; Errata 2011; Supp 1 2013) Minimum Design Loads for Buildings and Other Structures |
| ASCE 25-16 | (2016) Earthquake-Activated Automatic Gas Shutoff Devices |
| ASCE 27-00 | (2000) Standard Practice for Direct Design of Precast Concrete Pipe for Jacking in Trenchless Construction |
| ASCE 28-00 | (2001) Standard Practice for Direct Design of Precast Concrete Box Sections for Jacking in Trenchless Construction |
| ASCE 36-15 | (2015) Standard Design and Construction Guidelines for Microtunneling |
| ASCE MOP 120 | (2009) Trenchless Renewal of Culverts and Storm Sewers |
| ASCE/AWEA RP2011 | (2011) Recommended Practice for Compliance of Large Land-based Wind Turbine Support Structures |
| ASCE/SEI 37 | (2015) Design Loads on Structures During Construction |

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS (ASHRAE)

| | |
|---------------------|--|
| ANSI/ASHRAE 15 & 34 | (2016) ANSI/ASHRAE Standard 15-Safety Standard for Refrigeration Systems and ANSI/ASHRAE Standard 34-Designation and Safety Classification of Refrigerants |
| ASHRAE 15 & 34 | (2013) ASHRAE Standard 34-2016 Safety Standard for Refrigeration Systems/ASHRAE Standard 34-2016 Designation and Safety Classification of Refrigerants-ASHRAE Standard 34-2016 |
| ASHRAE 17 | (2015) Method of Testing Capacity of Thermostatic Refrigerant Expansion Valves |
| ASHRAE 23 | (2005) Methods of Testing for Rating Positive Displacement Refrigerant Compressors and Condensing Units |
| ASHRAE 23.1 | (2010) Methods of Testing for Rating Positive Displacement Refrigerant Compressors and Condensing Units that Operate at Subcritical Temperatures of the Refrigerant |
| ASHRAE 33 | (2016) Method of Testing Forced Circulation Air Cooling and Air Heating Coils |

| | |
|------------------|---|
| ASHRAE 51 | (2016) Laboratory Methods of Testing Fans for Aerodynamic Performance Rating |
| ASHRAE 52.1 | (1992; Interpretation 1 2007) Gravimetric and Dust-Spot Procedures for Testing Air-Cleaning Devices Used in General Ventilation for Removing Particulate Matter |
| ASHRAE 52.2 | (2012) Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size |
| ASHRAE 55 | (2010) Thermal Environmental Conditions for Human Occupancy |
| ASHRAE 62.1 | (2010) Ventilation for Acceptable Indoor Air Quality |
| ASHRAE 64 | (2011) Methods of Testing Remote Mechanical-Draft Evaporative Refrigerant Condensers |
| ASHRAE 68 | (1997) Laboratory Method of Testing to Determine the Sound Power In a Duct |
| ASHRAE 70 | (2006; R 2011) Method of Testing for Rating the Performance of Air Outlets and Inlets |
| ASHRAE 84 | (2013; Addenda A 2013) Method of Testing Air-to-Air Heat Exchangers |
| ASHRAE 90.1 - IP | (2013) Energy Standard for Buildings Except Low-Rise Residential Buildings |
| ASHRAE 90.1 - SI | (2013) Energy Standard for Buildings Except Low-Rise Residential Buildings |
| ASHRAE 90.2 | (2018) Energy-Efficient Design of Low-Rise Residential Buildings |
| ASHRAE 93 | (2010; Errata 2013l Errata 2014) Methods of Testing to Determine the Thermal Performance of Solar Collectors |
| ASHRAE 96 | (1980; R 1989) Methods of Testing to Determine the Thermal Performance of Unglazed Flat-Plate Liquid-Type Solar Collectors |
| ASHRAE 113 | (2013) Method of Testing for Room Air Diffusion |
| ASHRAE 127 | (2012) Method of Testing for Rating Computer and Data Processing Room Unitary Air-Conditioners |
| ASHRAE 130 | (2008) Method of Testing for Rating Ducted Air Terminal Units |
| ASHRAE 135 | (2016) BACnet—A Data Communication Protocol for Building Automation and Control Networks |

| | |
|-------------------------|--|
| ASHRAE 146 | (2011) Method of Testing and Rating Pool Heaters |
| ASHRAE 150 | (2000; R 2014) Method of Testing the Performance of Cool Storage Systems |
| ASHRAE 169 | (2013) Climate Data for Building Design Standards |
| ASHRAE 180 | (2012) Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems |
| ASHRAE 189.1 | (2014) Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings |
| ASHRAE 202 | (2013; Addenda B 2018) Commissioning Process for Buildings and Systems |
| ASHRAE EQUIP IP HDBK | (2012) Handbook, HVAC Systems and Equipment (IP Edition) |
| ASHRAE EQUIP SI HDBK | (2012) Handbook, HVAC Systems and Equipment (SI Edition) |
| ASHRAE FUN IP | (2017) Fundamentals Handbook, I-P Edition |
| ASHRAE FUN SI | (2017) Fundamentals Handbook, SI Edition |
| ASHRAE HVAC APP IP HDBK | (2016) HVAC Applications Handbook, I-P Edition |
| ASHRAE HVAC APP SI HDBK | (2019) HVAC Applications Handbook, SI Edition |
| ASHRAE Item 90376 | (1997) Ground-Source Heat Pumps, Design of Geothermal Systems for Commercial and Institutional Buildings |
| ASHRAE RP-935 | (1998) Protocol for Field Testing of Tall Buildings to Determine Envelope Air Leakage Rate |

AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME)

| | |
|--------------------|--|
| ASME A13.1 | (2015) Scheme for the Identification of Piping Systems |
| ASME A17.1/CSA B44 | (2016) Safety Code for Elevators and Escalators |
| ASME A17.2 | (2017) Guide for Inspection of Elevators, Escalators, and Moving Walks Includes Inspection Procedures for Electric Traction and Winding Drum Elevators, Hydraulic Elevators, and Escalators and Moving Walks |
| ASME A112.1.2 | (2012; R 2017) Air Gaps in Plumbing Systems (For Plumbing Fixtures and Water-Connected Receptors) |
| ASME A112.6.1M | (1997; R 2017) Floor Affixed Supports for Off-the-Floor Plumbing Fixtures for Public Use |

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| ASME A112.6.3 | (2019) Standard for Floor and Trench Drains |
| ASME A112.6.4 | (2003; R 2012) Roof, Deck and Balcony Drains |
| ASME A112.14.1 | (2003; R 2017) Backwater Valves |
| ASME A112.18.1/CSA B125. | (2018) Plumbing Supply Fittings |
| ASME A112.19.1/CSA B45.2 | (2013) Enameled Cast Iron and Enameled Steel Plumbing Fixtures |
| ASME A112.19.2/CSA B45.1 | (2018; ERTA 2018) Standard for Vitreous China Plumbing Fixtures and Hydraulic Requirements for Water Closets and Urinals |
| ASME A112.19.3/CSA B45.4 | (2017; Errata 2017) Stainless Steel Plumbing Fixtures |
| ASME A112.19.5 | (2017) Flush Valves and Spuds for Water Closets, Urinals, and Tanks |
| ASME A112.19.17 | (2010; R 2018) Manufactured Safety Vacuum Release Systems (SVRS) for Residential and Commercial Swimming Pool, Spa, Hot Tub, and Wading Pool Suction Systems |
| ASME A112.36.2M | (1991; R 2017) Cleanouts |
| ASME AG-1 | (2017) Code on Nuclear Air and Gas Treatment |
| ASME B1.1 | (2003; R 2018) Unified Inch Screw Threads (UN and UNR Thread Form) |
| ASME B1.2 | (1983; Errata 1992; R 2017) Gages and Gaging for Unified Inch Screw Threads |
| ASME B1.20.1 | (2013; R 2018) Pipe Threads, General Purpose (Inch) |
| ASME B1.20.2M | (2006; R 2011) Pipe Threads, 60 Deg. General Purpose (Metric) |
| ASME B1.20.3 | (1976; R 2013) Dryseal Pipe Threads (Inch) |
| ASME B1.20.7 | (1991; R 2013) Standard for Hose Coupling Screw Threads (Inch) |
| ASME B1.21M | (1997; R 2013) Standard for Metric Screw Threads - MJ Profile |
| ASME B4.1 | (1967; R 2009) Preferred Limits and Fits for Cylindrical Parts |
| ASME B4.2 | (1978; R 2009) Preferred Metric Limits and Fits |
| ASME B16.1 | (2015) Gray Iron Pipe Flanges and Flanged Fittings Classes 25, 125, and 250 |

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| ASME B16.3 | (2016) Malleable Iron Threaded Fittings, Classes 150 and 300 |
| ASME B16.4 | (2016) Standard for Gray Iron Threaded Fittings; Classes 125 and 250 |
| ASME B16.5 | (2017) Pipe Flanges and Flanged Fittings NPS 1/2 Through NPS 24 Metric/Inch Standard |
| ASME B16.9 | (2018) Factory-Made Wrought Buttwelding Fittings |
| ASME B16.10 | (2017) Face-to-Face and End-to-End Dimensions of Valves |
| ASME B16.11 | (2016) Forged Fittings, Socket-Welding and Threaded |
| ASME B16.12 | (2019) Cast Iron Threaded Drainage Fittings |
| ASME B16.15 | (2018) Cast Copper Alloy Threaded Fittings Classes 125 and 250 |
| ASME B16.18 | (2018) Cast Copper Alloy Solder Joint Pressure Fittings |
| ASME B16.20 | (2017) Metallic Gaskets for Pipe Flanges |
| ASME B16.21 | (2016) Nonmetallic Flat Gaskets for Pipe Flanges |
| ASME B16.22 | (2018) Standard for Wrought Copper and Copper Alloy Solder Joint Pressure Fittings |
| ASME B16.23 | (2011) Cast Copper Alloy Solder Joint Drainage Fittings - DWV |
| ASME B16.24 | (2011) Cast Copper Alloy Pipe Flanges and Flanged Fittings: Classes 150, 300, 600, 900, 1500, and 2500 |
| ASME B16.25 | (2017) Buttwelding Ends |
| ASME B16.26 | (2018) Standard for Cast Copper Alloy Fittings for Flared Copper Tubes |
| ASME B16.29 | (2017) Wrought Copper and Wrought Copper Alloy Solder-Joint Drainage Fittings - DWV |
| ASME B16.33 | (2012; R 2017) Manually Operated Metallic Gas Valves for Use in Gas Piping Systems Up to 125 psi, (Sizes NPS 1/2 - NPS 2) |
| ASME B16.34 | (2017) Valves - Flanged, Threaded and Welding End |
| ASME B16.36 | (2015) Orifice Flanges |
| ASME B16.38 | (2012; R 2017) Large Metallic Valves for Gas Distribution Manually Operated, NPS 2 1/2 (DN 65) to NPS 12 (DN 300), 125 psig 8.6 bar) Maximum |

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| ASME B16.39 | (2014) Standard for Malleable Iron Threaded Pipe Unions; Classes 150, 250, and 300 |
| ASME B16.40 | (2019) Manually Operated Thermoplastic Gas Shutoffs and Valves in Gas Distribution Systems |
| ASME B16.42 | (2016) Ductile Iron Pipe Flanges and Flanged Fittings, Classes 150 and 300 |
| ASME B16.48 | (2015) Line Blanks |
| ASME B16.50 | (2013) Wrought Copper and Copper Alloy Braze-Joint Pressure Fittings |
| ASME B16.51 | (2013) Copper and Copper Alloy Press-Connect Pressure Fittings |
| ASME B17.1 | (1967; R 2017) Keys and Keyseats |
| ASME B17.2 | (1967; R 2017) Woodruff Keys and Keyseats |
| ASME B18.2.1 | (2012; Errata 2013) Square and Hex Bolts and Screws (Inch Series) |
| ASME B18.2.2 | (2015) Nuts for General Applications: Machine Screw Nuts, Hex, Square, Hex Flange, and Coupling Nuts (Inch Series) |
| ASME B18.2.3.8M | (1981; R 2005) Metric Hex Lag Screws |
| ASME B18.2.6 | (2010; Supp 2011) Fasteners for Use in Structural Applications |
| ASME B18.2.6M | (2012) Metric Fasteners for Use in Structural Applications |
| ASME B18.3.3M | (1986; R 2008) Hexagon Socket Head Shoulder Screws (Metric Series) |
| ASME B18.5.2.1M | (2006; R 2011) Metric Round Head Short Square Neck Bolts |
| ASME B18.5.2.2M | (1982; R 2010) Metric Round Head Square Neck Bolts |
| ASME B18.6.1 | (2016) Wood Screws (Inch Series) |
| ASME B18.6.2 | (1998; R 2010) Slotted Head Cap Screws, Square Head Set Screws, and Slotted Headless Set Screws: Inch Series |
| ASME B18.6.3 | (2013; R 2017) Machine Screws, Tapping Screws, and Machine Drive Screws (Inch Series) |
| ASME B18.6.5M | (2000; R 2010) Standard Specification for Metric Thread-Forming and Thread-Cutting Tapping Screws |
| ASME B18.6.7M | (1999; R 2010) Metric Machine Screws |

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| ASME B18.13 | (2017; ERTA 2018) Screw and Washer Assemblies - Sems (Inch Series) |
| ASME B18.13.1M | (2011; R 2016) Screw and Washer Assemblies: SEMS (Metric Series) |
| ASME B18.21.1 | (2009; R 2016) Washers: Helical Spring-Lock, Tooth Lock, and Plain Washers (Inch Series) |
| ASME B18.21.2M | (1999; R 2014) Lock Washers (Metric Series) |
| ASME B18.22M | (1981; R 2017) Metric Plain Washers |
| ASME B18.24 | (2004; Addenda A 2006; R 2011) Part Identifying Number (PIN) Code System Standard for B18 Fastener Products |
| ASME B18.27 | (1998; R 2017) Tapered and Reduced Cross Section Retaining Rings (Inch Series) |
| ASME B20.1 | (2015) Safety Standard for Conveyors and Related Equipment |
| ASME B27.7 | (1977; R 2017) General Purpose Tapered and Reduced Cross Section Retaining Rings |
| ASME B29.100 | (2011) Precision Power Transmission, Dbl-P-Power Transmission, Dbl-P-conveyor Roller Chains, Attachments and Sprockets |
| ASME B29.400 | (2001; (R 2008) (R 2013) (R 2018)) Combination, "H" Type Mill Chains, and Sprockets |
| ASME B30.2 | (2017) Overhead and Gantry Cranes (Top Running Bridge, Single or Multiple Girder, Top Running Trolley Hoist) |
| ASME B30.3 | (2016) Tower Cranes |
| ASME B30.5 | (2018) Mobile and Locomotive Cranes |
| ASME B30.7 | (2011) Winches |
| ASME B30.8 | (2015) Floating Cranes and Floating Derricks |
| ASME B30.9 | (2018) Slings |
| ASME B30.10 | (2019) Hooks |
| ASME B30.11 | (2010) Monorails and Underhung Cranes - Safety Standard for Cableways, Cranes, Derricks, Hoists, Hooks, Jacks, and Slings |
| ASME B30.16 | (2017) Overhead Underhung and Stationary Hoists |
| ASME B30.17 | (2015) Overhead and Gantry Cranes (Top Running Bridge, Single Girder, Underhung Hoists) |

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| ASME B30.20 | (2018) Below-the-Hook Lifting Devices |
| ASME B30.22 | (2016) Articulating Boom Cranes |
| ASME B30.23 | (2011) Personnel Lifting Systems Safety Standard for Cableways, Cranes, Derricks, Hoists, Hooks, Jacks, and Slings |
| ASME B30.26 | (2015; INT Jun 2010 - Jun 2014) Rigging Hardware |
| ASME B31.1 | (2018) Power Piping |
| ASME B31.3 | (2016) Process Piping |
| ASME B31.4 | (2019) Pipeline Transportation Systems for Liquid Hydrocarbons and Other Liquid |
| ASME B31.5 | (2016) Refrigeration Piping and Heat Transfer Components |
| ASME B31.8 | (2018; Supplement 2018) Gas Transmission and Distribution Piping Systems |
| ASME B31.9 | (2017) Building Services Piping |
| ASME B36.10M | (2015; Errata 2016) Welded and Seamless Wrought Steel Pipe |
| ASME B36.19M | (2004; R 2015) Stainless Steel Pipe |
| ASME B40.100 | (2013) Pressure Gauges and Gauge Attachments |
| ASME B40.200 | (2008; R 2013) Thermometers, Direct Reading and Remote Reading |
| ASME B46.1 | (2009) Surface Texture, Surface Roughness, Waviness and Lay |
| ASME B73.1 | (2012) Specification for Horizontal End Suction Centrifugal Pumps for Chemical Process |
| ASME B73.2 | (2016) Specification for Vertical In-Line Centrifugal Pumps for Chemical Process |
| ASME BPVC | (2010) Boiler and Pressure Vessels Code |
| ASME BPVC SEC I | (2017) BPVC Section I-Rules for Construction of Power Boilers |
| ASME BPVC SEC II-A | (2017) BPVC Section II-Materials-Part A-Ferrous Materials Specifications |
| ASME BPVC SEC II-C | (2017) BPVC Section II-Materials Part C-Specifications for Welding Rods Electrodes and Filler Metals |
| ASME BPVC SEC IV | (2017) BPVC Section IV-Rules for Construction of |

Heating Boilers

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| ASME BPVC SEC IX | (2017; Errata 2018) BPVC Section IX-Welding, Brazing and Fusing Qualifications |
| ASME BPVC SEC V | (2017) BPVC Section V-Nondestructive Examination |
| ASME BPVC SEC VI | (2017) BPVC Section VI-Recommended Rules for the Care and Operation of Heating Boilers |
| ASME BPVC SEC VII | (2017) BPVC Section VII-Recommended Guidelines for the Care of Power Boilers |
| ASME BPVC SEC VIII | (2010) Boiler and Pressure Vessel Codes: Section VIII Rules for Construction of Pressure Vessel |
| ASME BPVC SEC VIII D1 | (2017) BPVC Section VIII-Rules for Construction of Pressure Vessels Division 1 |
| ASME BPVC SEC VIII D2 | (2017) BPVC Section VIII-Rules for Construction of Pressure Vessels Division 2-Alternative Rules |
| ASME BTH-1 | (2014) Design of Below-the-Hook Lifting Devices |
| ASME CSD-1 | (2016) Control and Safety Devices for Automatically Fired Boilers |
| ASME HST-1 | (2012) Performance Standard for Electric Chain Hoists |
| ASME HST-2 | (2014) Performance Standard for Hand Chain Manually Operated Chain Hoists |
| ASME HST-3 | (2017) Performance Standard for Lever Hoists |
| ASME HST-4 | (2016) Performance Standard for Overhead Electric Wire Rope Hoists |
| ASME HST-5 | (2014) Performance Standard for Air Chain Hoists |
| ASME HST-6 | (2015) Performance Standard for Air Wire Rope Hoists |
| ASME MFC-3M | (2004; Addenda A 2007; R 2017) Measurement of Fluid Flow in Pipes Using Orifice, Nozzle, and Venturi |
| ASME N509 | (2002; R 2008) Nuclear Power Plant Air-Cleaning Units and Components |
| ASME NOG-1 | (2015) Rules for Construction of Overhead and Gantry Cranes (Top Running Bridge, Multiple Girder) |
| ASME NQA-1 | (2017) Quality Assurance Requirements for Nuclear Facility Applications |
| ASME NUM-1 | (2016) Rules for Construction of Cranes, Monorails, and Hoists with Bridge or Trolley or Hoist of the Underhung Type. |

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| ASME PTC 4 | (2013) Fired Steam Generators |
| ASME PTC 9 | (1970; R 1997) Displacement Compressors, Vacuum Pumps and Blowers (for historical reference only) |
| ASME PTC 10 | (1997; R 2014) Performance Test Code on Compressors and Exhausters |
| ASME PTC 12.3 | (1997; R 2014) Performance Test Code on Deaerators |
| ASME PTC 19.2 | (2010; R 2015) Pressure Measurement |
| ASME PTC 19.3 TW | (2016) Thermowells Performance Test Codes |
| ASME PTC 19.5 | (2004; R 2013) Flow Measurement |
| ASME PTC 19.10 | (1981) Flue and Exhaust Gas Analyses |
| ASME PTC 19.11 | (2008; R 2013) Steam and Water Sampling, Conditioning, and Analysis in the Power Cycle |
| ASME PTC 25 | (2014) Pressure Relief Devices |
| ASME PTC 38 | (1980; R 1985) Determining the Concentration of Particulate Matter in a Gas Stream |

AMERICAN SOCIETY OF SAFETY PROFESSIONALS (ASSP)

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| ASSP A10.3 | (2013) Safety Requirements for Powder-Actuated Fastening Systems American National Standard for Construction and Demolition Operations |
| ASSP A10.6 | (2006) Safety & Health Program Requirements for Demolition Operations - American National Standard for Construction and Demolition Operations |
| ASSP A10.22 | (2007; R 2017) Safety Requirements for Rope-Guided and Non-Guided Workers' Hoists |
| ASSP A10.24 | (2014) Roofing - Safety Requirements of Low-Sloped Roofs |
| ASSP A10.34 | (2001; R 2012) Protection of the Public on or Adjacent to Construction Sites |
| ASSP A10.44 | (2014) Control of Energy Sources (Lockout/Tagout) for Construction and Demolition Operations |
| ASSP A1264.1 | (2017) Safety Requirements for Workplace Walking/Working Surfaces and Their Access; Workplace, Floor, Wall and Roof Openings; Stairs and Guardrail/Handrail Systems |
| ASSP Z9.2 | (2018) Fundamentals Governing the Design and Operation of Local Exhaust Ventilation Systems |
| ASSP Z88.2 | (2015) American National Standard Practices for |

Respiratory Protection

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| ASSP Z244.1 | (2016) The Control of Hazardous Energy Lockout, Tagout and Alternative Methods |
| ASSP Z359 | (2013) Fall Protection Code |
| ASSP Z359.0 | (2012) Definitions and Nomenclature Used for Fall Protection and Fall Arrest |
| ASSP Z359.1 | (2016) The Fall Protection Code |
| ASSP Z359.2 | (2017) Minimum Requirements for a Comprehensive Managed Fall Protection Program |
| ASSP Z359.3 | (2017) Safety Requirements for Lanyards and Positioning Lanyards |
| ASSP Z359.4 | (2013) Safety Requirements for Assisted-Rescue and Self-Rescue Systems, Subsystems and Components |
| ASSP Z359.6 | (2016) Specifications and Design Requirements for Active Fall Protection Systems |
| ASSP Z359.7 | (2011) Qualification and Verification Testing of Fall Protection Products |
| ASSP Z359.11 | (2014) Safety Requirements for Full Body Harnesses |
| ASSP Z359.12 | (2009) Connecting Components for Personal Fall Arrest Systems |
| ASSP Z359.13 | (2013) Personal Energy Absorbers and Energy Absorbing Lanyards |
| ASSP Z359.14 | (2014) Safety Requirements for Self-Retracting Devices for Personal Fall Arrest and Rescue Systems |
| ASSP Z359.15 | (2014) Safety Requirements for Single Anchor Lifelines and Fall Arresters for Personal Fall Arrest Systems |
| ASSP Z359.16 | (2016) Safety Requirements for Climbing Ladder Fall Arrest Systems |
| ASSP Z490.1 | (2016) Criteria for Accepted Practices in Safety, Health, and Environmental Training |

AMERICAN SOCIETY OF SANITARY ENGINEERING (ASSE)

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| ASSE 1001 | (2016) Performance Requirements for Atmospheric Type Vacuum Breakers |
| ASSE 1003 | (2009) Performance Requirements for Water Pressure Reducing Valves for Domestic Water Distribution Systems - (ANSI approved 2010) |

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| ASSE 1009 | (1990) Performance Requirements for Commercial Food Waste Grinder Units |
| ASSE 1010 | (2004) Performance Requirements for Water Hammer Arresters (ANSI approved 2004) |
| ASSE 1011 | (2004; Errata 2004) Performance Requirements for Hose Connection Vacuum Breakers (ANSI approved 2004) |
| ASSE 1012 | (2009) Performance Requirements for Backflow Preventer with an Intermediate Atmospheric Vent - (ANSI approved 2009) |
| ASSE 1013 | (2011) Performance Requirements for Reduced Pressure Principle Backflow Preventers and Reduced Pressure Fire Protection Principle Backflow Preventers - (ANSI approved 2010) |
| ASSE 1015 | (2011) Performance Requirements for Double Check Backflow Prevention Assemblies and Double Check Fire Protection Backflow Prevention Assemblies - (ANSI approved 2010) |
| ASSE 1017 | (2009) Performance Requirements for Temperature Actuated Mixing Valves for Hot Water Distribution Systems - (ANSI approved 2010) |
| ASSE 1018 | (2001) Performance Requirements for Trap Seal Primer Valves - Potable Water Supplied (ANSI Approved 2002) |
| ASSE 1019 | (2011; R 2016) Performance Requirements for Wall Hydrant with Backflow Protection and Freeze Resistance |
| ASSE 1020 | (2004; Errata 2004; Errata 2004) Performance Requirements for Pressure Vacuum Breaker Assembly (ANSI Approved 2004) |
| ASSE 1037 | (2015; Reprint Sep 2017) Performance Requirements for Pressurized Flushing Devices for Plumbing Fixtures |
| ASSE 6000 SERIES | (2012) Professional Qualification Standard for Medical Gas Systems Installers, Inspectors and Verifiers |
| ASSE Series 5000 | (2015) Cross-Connection Control Professional Qualification Standard |

AMERICAN WATER WORKS ASSOCIATION (AWWA)

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| ANSI/AWWA C541 | (2016) Hydraulic and Pneumatic Cylinder and Vane-Type Actuators for Valves and Slide Gates |
| ANSI/AWWA C542 | (2016) Electric Motor Actuators for Valves and Slide Gates |

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| AWWA 10084 | (2017) Standard Methods for the Examination of Water and Wastewater |
| AWWA A100 | (2015) Water Wells |
| AWWA B100 | (2016; Errata 2017; Addenda 2018) Granular Filter Material |
| AWWA B201 | (2018) Soda Ash |
| AWWA B300 | (2010; Addenda 2011) Hypochlorites |
| AWWA B301 | (2010) Liquid Chlorine |
| AWWA B302 | (2016) Ammonium Sulfate |
| AWWA B303 | (2018) Sodium Chlorite |
| AWWA B402 | (2012) Ferrous Sulfate |
| AWWA B403 | (2016) Aluminum Sulfate - Liquid, Ground, or Lump |
| AWWA B404 | (2014) Liquid Sodium Silicate |
| AWWA B405 | (2016) Sodium Aluminate |
| AWWA B406 | (2014) Ferric Sulfate |
| AWWA B407 | (2018) Liquid Ferric Chloride |
| AWWA B408 | (2018) Liquid Polyaluminum Chloride |
| AWWA B451 | (2016) Poly(Diallyldimethylammonium Chloride) |
| AWWA B452 | (2014) EPI-DMA Polyamines |
| AWWA B453 | (2013) Polyacrylamide |
| AWWA B501 | (2013) Sodium Hydroxide (Caustic Soda) |
| AWWA B502 | (2017) Sodium Polyphosphate, Glassy (Sodium Hexametaphosphate) |
| AWWA B503 | (2017) Sodium Tripolyphosphate |
| AWWA B504 | (2012) Monosodium Phosphate, Anhydrous |
| AWWA B505 | (2012) Disodium Phosphate, Anhydrous |
| AWWA B511 | (2017) Potassium Hydroxide |
| AWWA B550 | (2017) Calcium Chloride |
| AWWA B600 | (2016) Powdered Activated Carbon |
| AWWA B601 | (2017) Sodium Metabisulfite |

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| AWWA B602 | (2017) Copper Sulfate |
| AWWA B603 | (2016) Permanganates |
| AWWA B604 | (2018) Granular Activated Carbon |
| AWWA B605 | (2013) Reactivation of Granular Activated Carbon |
| AWWA B701 | (2011) Sodium Fluoride |
| AWWA B702 | (2011) Sodium Fluorosilicate |
| AWWA B703 | (2011) Fluorosilicic Acid |
| AWWA C104/A21.4 | (2016) Cement-Mortar Lining for Ductile-Iron Pipe and Fittings for Water |
| AWWA C105/A21.5 | (2010) Polyethylene Encasement for Ductile-Iron Pipe Systems |
| AWWA C110/A21.10 | (2012) Ductile-Iron and Gray-Iron Fittings for Water |
| AWWA C111/A21.11 | (2017) Rubber-Gasket Joints for Ductile-Iron Pressure Pipe and Fittings |
| AWWA C115/A21.15 | (2011) Flanged Ductile-Iron Pipe With Ductile-Iron or Gray-Iron Threaded Flanges |
| AWWA C116/A21.16 | (2015) Protective Fusion-Bonded Coatings for the Interior and Exterior Surfaces of Ductile-Iron and Gray Iron Fittings |
| AWWA C150/A21.50 | (2014) Thickness Design of Ductile-Iron Pipe |
| AWWA C151/A21.51 | (2017) Ductile-Iron Pipe, Centrifugally Cast |
| AWWA C153/A21.53 | (2019) Ductile-Iron Compact Fittings for Water Service |
| AWWA C200 | (2012) Steel Water Pipe - 6 In. (150 mm) and Larger |
| AWWA C203 | (2008) Coal-Tar Protective Coatings and Linings for Steel Water Pipelines - Enamel and Tape - Hot-Applied |
| AWWA C205 | (2018) Cement-Mortar Protective Lining and Coating for Steel Water Pipe - 4 In. (100 mm) and Larger - Shop Applied |
| AWWA C206 | (2017) Field Welding of Steel Water Pipe |
| AWWA C207 | (2018) Standard for Steel Pipe Flanges for Waterworks Service, Sizes 4 in. through 144 in. (100 mm through 3600 mm) |
| AWWA C208 | (2017) Dimensions for Fabricated Steel Water Pipe Fittings |

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| AWWA C209 | (2013) Cold-Applied Tape Coatings for the Exterior of Special Sections, Connections and Fitting for Steel Water Pipelines |
| AWWA C210 | (2007) Standard for Liquid Epoxy Coating Systems for the Interior and Exterior of Steel Water Pipelines |
| AWWA C213 | (2015) Fusion-Bonded Epoxy Coating for the Interior and Exterior of Steel Water Pipelines |
| AWWA C214 | (2014) Tape Coating Systems for the Exterior of Steel Water Pipelines |
| AWWA C215 | (2016) Extruded Polyolefin Coatings for Steel Water Pipe |
| AWWA C216 | (2015) Heat-Shrinkable Cross-Linked Polyolefin Coatings for the Exterior of Special Sections, Connections, and Fittings for Steel Water Pipelines |
| AWWA C217 | (2016; Addenda 2017) Microcrystalline Wax and Petrolatum Tape Coating Systems for Steel Water Pipe and Fittings |
| AWWA C218 | (2016) Liquid Coatings for Aboveground Steel Water Pipe and Fittings |
| AWWA C300 | (2016) Reinforced Concrete Pressure Pipe, Steel-Cylinder Type |
| AWWA C301 | (2014) Prestressed Concrete Pressure Pipe, Steel-Cylinder Type |
| AWWA C302 | (2016) Reinforced Concrete Pressure Pipe, Noncylinder Type |
| AWWA C303 | (2017) Concrete Pressure Pipe, Bar-Wrapped, Steel-Cylinder Type |
| AWWA C500 | (2009) Metal-Seated Gate Valves for Water Supply Service |
| AWWA C502 | (2018) Dry-Barrel Fire Hydrants |
| AWWA C503 | (2018) Wet-Barrel Fire Hydrants |
| AWWA C504 | (2015) Standard for Rubber-Seated Butterfly Valves |
| AWWA C508 | (2017) Swing-Check Valves for Waterworks Service, 2 In. Through 48-In. (50-mm Through 1,200-mm) NPS |
| AWWA C509 | (2015) Resilient-Seated Gate Valves for Water Supply Service |
| AWWA C510 | (2017) Double Check Valve Backflow Prevention Assembly |

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| AWWA C511 | (2017) Reduced-Pressure Principle Backflow Prevention Assembly |
| AWWA C512 | (2015) Air-Release, Air/Vacuum, and Combination Air Valves for Water and Wastewater Service |
| AWWA C515 | (2015) Reduced-Wall, Resilient-Seated Gate Valves for Water Supply Service |
| AWWA C517 | (2009) Resilient-Seated Cast-Iron Eccentric Plug Valves |
| AWWA C550 | (2017) Protective Interior Coatings for Valves and Hydrants |
| AWWA C563 | (2014) Fabricated Composite Slide Gates |
| AWWA C600 | (2017) Installation of Ductile-Iron Mains and Their Appurtenances |
| AWWA C602 | (2011) Cement-Mortar Lining of Water Pipelines in Place—4 In. (100 mm) and Larger |
| AWWA C604 | (2011) Installation of Buried Steel Water Pipe—4 In. (100 mm) and Larger |
| AWWA C605 | (2014) Underground Installation of Polyvinyl Chloride (PVC) and Molecularly Oriented Polyvinyl Chloride (PVC0) Pressure Pipe and Fittings |
| AWWA C606 | (2015) Grooved and Shouldered Joints |
| AWWA C651 | (2014) Standard for Disinfecting Water Mains |
| AWWA C652 | (2011) Disinfection of Water-Storage Facilities |
| AWWA C653 | (2013) Disinfection of Water Treatment Plants |
| AWWA C654 | (2013) Disinfection of Wells |
| AWWA C655 | (2009) Field Dechlorination |
| AWWA C700 | (2015) Cold-Water Meters - Displacement Type, Metal Alloy Main Case |
| AWWA C701 | (2015) Cold-Water Meters - Turbine Type for Customer Service |
| AWWA C702 | (2015) Cold-Water Meters - Compound Type |
| AWWA C703 | (2015) Cold-Water Meters - Fire Service Type |
| AWWA C704 | (2015) Propeller-Type Meters for Waterworks Applications |
| AWWA C706 | (2010) Direct-Reading, Remote-Registration Systems for Cold-Water Meters |

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| AWWA C707 | (2010; R 2016) Encoder-Type Remote-Registration Systems for Cold-Water Meters |
| AWWA C800 | (2014) Underground Service Line Valves and Fittings |
| AWWA C900 | (2016) Polyvinyl Chloride (PVC) Pressure Pipe, and Fabricated Fittings, 4 In. Through 60 In. (100 mm Through 1,500 mm) |
| AWWA C901 | (2017) Polyethylene (PE) Pressure Pipe and Tubing, 3/4 In. (19mm) Through 3 In. (76 mm), for Water Service |
| AWWA C906 | (2015) Polyethylene (PE) Pressure Pipe and Fittings, 4 In. (100 mm) through 65 In., (1,575 mm) for Water Distribution and Transmission |
| AWWA C909 | (2016) Molecularly Oriented Polyvinyl Chloride (PVC) Pressure Pipe, 4 In. (100 mm) and Larger |
| AWWA C950 | (2013) Fiberglass Pressure Pipe |
| AWWA D100 | (2011) Welded Steel Tanks for Water Storage |
| AWWA D102 | (2017) Coating Steel Water-Storage Tanks |
| AWWA D103 | (2009; Errata 2010; Addenda 2014) Factory-Coated Bolted Steel Tanks for Water Storage |
| AWWA D104 | (2011) Automatically Controlled, Impressed-Current Cathodic Protection for the Interior Submerged Surfaces of Steel Water Storage Tanks |
| AWWA D110 | (2013) Wire- and Strand Wound, Circular, Prestressed Concrete Water Tanks |
| AWWA D120 | (2019) Thermosetting Fiberglass-Reinforced Plastic Tanks |
| AWWA E103 | (2015) Horizontal and Vertical Line-Shaft Pumps |
| AWWA M6 | (2012) Water Meters - Selection, Installation, Testing, and Maintenance |
| AWWA M9 | (2008; Errata 2013) Manual: Concrete Pressure Pipe |
| AWWA M11 | (2016) Steel Pipe: A Guide for Design and Installation |
| AWWA M14 | (2015) Manual: Recommended Practice for Backflow Prevention and Cross-Connection Control |
| AWWA M23 | (2002; 2nd Ed) Manual: PVC Pipe - Design and Installation |
| AWWA M41 | (2009; 3rd Ed) Ductile-Iron Pipe and Fittings |

| | |
|----------|--|
| AWWA M45 | (2013; 3rd Ed) Fiberglass Pipe Design |
| AWWA M55 | (2006) PE Pipe - Design and Installation |

AMERICAN WELDING SOCIETY (AWS)

| | |
|------------------|--|
| AWS A2.4 | (2012) Standard Symbols for Welding, Brazing and Nondestructive Examination |
| AWS A3.0M/A3.0 | (2010) Standard Welding Terms and Definitions |
| AWS A5.01M/A5.01 | (2013) Procurement Guidelines for Consumables - Welding and Allied Processes - Flux and Gas Shielded Electrical Welding Processes |
| AWS A5.1/A5.1M | (2012) Specification for Carbon Steel Electrodes for Shielded Metal Arc Welding |
| AWS A5.3/A5.3M | (1999; R 2007) Specification for Aluminum and Aluminum-Alloy Electrodes for Shielded Metal Arc Welding |
| AWS A5.4/A5.4M | (2012) Specification for Stainless Steel Electrodes for Shielded Metal Arc Welding |
| AWS A5.5/A5.5M | (2014) Specification for Low-Alloy Steel Electrodes for Shielded Metal Arc Welding |
| AWS A5.8/A5.8M | (2019) Specification for Filler Metals for Brazing and Braze Welding |
| AWS A5.9/A5.9M | (2017) Welding Consumables-Wire Electrodes, Strip Electrodes, Wires, and Rods for Arc Welding of Stainless and Heat Resisting Steels- Classification |
| AWS A5.10/A5.10M | (2017) Welding Consumables - Wire Electrodes, Wires and Rods for Welding of Aluminum and Aluminum-Alloys - Classification |
| AWS A5.11/A5.11M | (2018) Specification for Nickel and Nickel-Alloy Welding Electrodes for Shielded Metal Arc Welding |
| AWS A5.13/A5.13M | (2010) Specification for Surfacing Electrodes for Shielded Metal Arc Welding |
| AWS A5.14/A5.14M | (2018) Specification for Nickel and Nickel-Alloy Bare Welding Electrodes and Rods |
| AWS A5.18/A5.18M | (2017) Specification for Carbon Steel Electrodes and Rods for Gas Shielded Arc Welding |
| AWS A5.22/A5.22M | (2012) Specification for Stainless Steel Flux Cored and Metal Cored Welding Electrodes and Rods |
| AWS A5.32/A5.32M | (2011) Specification for Welding Shielding Gases |
| AWS B2.1/B2.1M | (2014; Errata 2015) Specification for Welding |

Procedure and Performance Qualification

| | |
|--------------------|--|
| AWS B2.2/B2.2M | (2016) Specification for Brazing Procedure and Performance Qualification |
| AWS BRH | (2007; 5th Ed) Brazing Handbook |
| AWS C1.1M/C1.1 | (2012) Recommended Practices for Resistance Welding |
| AWS C2.18 | (1993; Errata 1993; R 2001) Guide for the Protection of Steel with Thermal Sprayed Coatings of Aluminum and Zinc and Their Alloys and Composites |
| AWS C2.25/C2.25M | (2012) Specification for Thermal Spray Feedstock -- Solid and Composite Wire and Ceramic Rods |
| AWS C5.5/C5.5M | (2003) Recommended Practices for Gas Tungsten Arc Welding |
| AWS D1.1/D1.1M | (2015; Errata 1 2015; Errata 2 2016) Structural Welding Code - Steel |
| AWS D1.2/D1.2M | (2014) Structural Welding Code - Aluminum |
| AWS D1.3/D1.3M | (2018) Structural Welding Code - Sheet Steel |
| AWS D1.4/D1.4M | (2011) Structural Welding Code - Reinforcing Steel |
| AWS D1.5M/D1.5 | (2015) Bridge Welding Code |
| AWS D1.8/D1.8M | (2016) Structural Welding Code—Seismic Supplement |
| AWS D9.1/D9.1M | (2018) Sheet Metal Welding Code |
| AWS D10.4 | (1986; R 2000) Recommended Practices for Welding Austenitic Chromium-Nickel Stainless Steel Piping and Tubing |
| AWS D10.7/D10.7M | (2008) Guide for the Gas Shielded Arc Welding of Aluminum and Aluminum Alloy Pipe |
| AWS D10.10/D10.10M | (1999; R 2009) Recommended Practices for Local Heating of Welds in Piping and Tubing |
| AWS D10.11M/D10.11 | (2007) Guide for Root Pass Welding of Pipe Without Backing |
| AWS D10.12M/D10.12 | (2000) Guideline for Welding Mild Steel Pipe |
| AWS D14.1/D14.1M | (2005; Amd 1 2017) Specification for Welding of Industrial and Mill Cranes and Other Material Handling Equipment |
| AWS D14.4/D14.4M | (2012) Specification for Welded Joints for Machinery and Equipment |
| AWS QC1 | (2016) Specification for AWS Certification of |

Welding Inspectors

| | |
|-------------|---|
| AWS QC7 | (1993; Suppl G) Standard for AWS Certified Welders |
| AWS WHB-2.9 | (2004) Welding Handbook; Volume 2, Welding Processes, Part 1 |
| AWS WHB-4.9 | (2010) Welding Handbook, Volume 4 - Materials and Applications Part 1 |
| AWS Z49.1 | (2012) Safety in Welding and Cutting and Allied Processes |
| AWS-03 | (2011) Welding Handbook, Volumes 1 thru 4 |

AMERICAN WIND ENERGY ASSOCIATION (AWEA)

| | |
|-------------|--|
| AWEA O&M RP | (2013) AWEA Operations and Maintenance Recommended Practices |
|-------------|--|

AMERICAN WOOD COUNCIL (AWC)

| | |
|----------|---|
| AWC NDS | (2015) National Design Specification (NDS) for Wood Construction |
| AWC WFCM | (2012) Wood Frame Construction Manual for One- and Two-Family Dwellings |

AMERICAN WOOD PROTECTION ASSOCIATION (AWPA)

| | |
|-----------|--|
| AWPA A1 | (2015) Standard Methods for Analysis of Creosote and Oil-Type Preservatives |
| AWPA A2 | (2015) Standard Methods for Analysis of Waterborne Preservatives and Fire-Retardant Formulations |
| AWPA A3 | (2015) Standard Method for Determining Penetration of Preservatives and Fire Retardants |
| AWPA BOOK | (2015) AWPA Book of Standards |
| AWPA C1 | (2003) All Timber Products - Preservative Treatment by Pressure Processes |
| AWPA C2 | (2003) Lumber, Timber, Bridge Ties and Mine Ties - Preservative Treatment by Pressure Processes |
| AWPA C4 | (2003) Poles - Preservative Treatment by Pressure Processes |
| AWPA C18 | (2003) Standard For Pressure Treated Material in Marine Construction |
| AWPA C25 | (2003) Sawn Crossarms - Preservative Treatment by Pressure Processes |
| AWPA C28 | (2003) Standard for Preservative Treatment of |

Structural Glued Laminated Members and Lamination Before Gluing of Southern Pine, Coastal Douglas Fir, Hemfir and Western Hemlock by Pressure Processes

| | |
|-------------|---|
| AWPA C33 | (2003) Standard for Preservative Treatment of Structural Composite Lumber by Pressure Processes |
| AWPA M1 | (2015) Standard for the Purchase of Treated Wood Products |
| AWPA M2 | (2016) Standard for the Inspection of Preservative Treated Wood Products for Industrial Use |
| AWPA M3 | (2016) Standard for the Quality Control of Preservative Treated Products for Industrial Use |
| AWPA M4 | (2015) Standard for the Care of Preservative-Treated Wood Products |
| AWPA M6 | (2013) Brands Used on Preservative Treated Materials |
| AWPA P1/P13 | (2016) Standard for Creosote Preservative |
| AWPA P2 | (2016) Standard for Creosote Solutions |
| AWPA P3 | (2014) Standard for Creosote - Petroleum Oil Solution |
| AWPA P5 | (2015) Standard for Waterborne Preservatives |
| AWPA P8 | (2014) Standard for Oil-Borne Preservatives |
| AWPA P9 | (2010) Standards for Solvents and Formulations for Organic Preservative Systems |
| AWPA P18 | (2014) Nonpressure Preservatives |
| AWPA P34 | (2014) Standard for Copper Naphthenate, Waterbone (CuN-W) |
| AWPA P49 | (2015) Standard for Fire Retardant FR-1 |
| AWPA T1 | (2017) Use Category System: Processing and Treatment Standard |
| AWPA U1 | (2017) Use Category System: User Specification for Treated Wood |

AMERICANHORT (AH)

| | |
|-----------------|--|
| ANSI/ANLA Z60.1 | (2004) American Standard for Nursery Stock |
|-----------------|--|

APA - THE ENGINEERED WOOD ASSOCIATION (APA)

| | |
|----------|--|
| ANSI 117 | (2008) Standard Specifications for Structural Glued Laminated Timber of Softwood Species |
|----------|--|

| | |
|------------------|---|
| ANSI 405 | (2012) Standard for Adhesives for use in Structural Glued Laminated Timber |
| ANSI A190.1 | (2012) Standard for Wood Products - Structural Glued Laminated Timber |
| ANSI/APA PRG 320 | (2012) Standard for Performance Rated Cross-Laminated Timber |
| APA E30 | (2016) Engineered Wood Construction Guide |
| APA E445 | (2002) Performance Standards and Qualification Policy for Structural-Use Panels (APA PRP-108) |
| APA EWCG | (2011) Engineered Wood Construction Guide: Building Requirements and Related Panel Systems |
| APA EWS R540 | (2013) Builder Tips: Proper Storage and Handling of Glulam Beams |
| APA EWS S580D | (2013) Technical Note: Preservative Treatment of Glued Laminated Timber |
| APA EWS T300 | (2007) Technical Note: Glulam Connection Details |
| APA F405 | (19) Product Guide: Performance Rated Panels |
| APA L870 | (2010) Voluntary Product Standard, PS 1-09, Structural Plywood |
| APA PS 1 | (2009) Structural Plywood (with Typical APA Trademarks) |
| APA PS 2 | (2010; R 2014) Performance Standard for Wood-Based Structural Use Panels |
| APA S350 | (2014) PS 2-10, Performance Standard for Wood-Based Structural-Use Panels |
| APA S580 | (2013) Preservative Treatment of Glued Laminated Timber |

ASM INTERNATIONAL (ASM)

| | |
|------------|--|
| ASM 06118G | (1993) ASM Metals Reference Book (3rd Ed) |
| ASM STFA | (2001; 6th Ed) The Surface Treatment and Finishing of Aluminum and Its Alloys (2 Vol.) |

ASPHALT INSTITUTE (AI)

| | |
|----------|--|
| AI MS-2 | (2015) Asphalt Mix Design Methods |
| AI MS-22 | (2001; 2nd Ed) Construction of Hot-Mix Asphalt Pavements |
| AI SP-2 | (2001; 3rd Ed) Superpave Mix Design |

ASPHALT ROOFING MANUFACTURER'S ASSOCIATION (ARMA)

- ARMA 410BUR88 (2001) Manual of Roof Maintenance and Repair
- ARMA PMBRG98 (1998) Quality Control Guideline for the Application of Polymer Modified Bitumen Roofing

ASSOCIATED AIR BALANCE COUNCIL (AABC)

- AABC MN-1 (2002; 6th ed) National Standards for Total System Balance
- AABC MN-4 (1996) Test and Balance Procedures
- ACG Commissioning Guidel (2005) Commissioning Guideline

ASSOCIATION FOR IRON AND STEEL TECHNOLOGY (AIST)

- AIST PB-229 (2008) Stainless Steels: A Steel Products Manual

ASSOCIATION FOR THE ADVANCEMENT OF MEDICAL INSTRUMENTATION (AAMI)

- ANSI/AAMI ST8 (2013) Hospital Steam Sterilizers

ASSOCIATION OF EDISON ILLUMINATING COMPANIES (AEIC)

- AEIC C8 (2000) Extruded Dielectric Shielded Power Cables Rated 5 Through 46 kV
- AEIC CS1 (2012) Impregnated-Paper-Insulated, Metallic Sheathed Cable, Solid Type
- AEIC CS8 (2013) Specification for Extruded Dielectric Shielded Power Cables Rated 5 Through 46 kV

ASSOCIATION OF HOME APPLIANCE MANUFACTURERS (AHAM)

- AHAM RAC-1 (1982; R2008) Directory of Certified Room Air Conditioners

ASSOCIATION OF POOL & SPA PROFESSIONALS (APSP)

- ANSI/APSP-16 (2011) Standard Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, and Hot Tubs

ASSOCIATION OF THE WALL AND CEILING INDUSTRY (AWCI)

- AWCI TM 12-A (1997; 3rd Ed) Standard Practice for the Testing and Inspection of Field Applied Sprayed Fire-Resistive Materials; An Annotated Guide

ASTM INTERNATIONAL (ASTM)

- ASTM 01.01 (2019) Steel - Piping, Tubing, Fittings
- ASTM A1 (2000; R 2018) Standard Specification for Carbon

Steel Tee Rails

| | |
|-----------------|---|
| ASTM A6/A6M | (2017a) Standard Specification for General Requirements for Rolled Structural Steel Bars, Plates, Shapes, and Sheet Piling |
| ASTM A20/A20M | (2018) Standard Specification for General Requirements for Steel Plates for Pressure Vessels |
| ASTM A27/A27M | (2017) Standard Specification for Steel Castings, Carbon, for General Application |
| ASTM A29/A29M | (2016) Standard Specification for General Requirements for Steel Bars, Carbon and Alloy, Hot-Wrought |
| ASTM A36/A36M | (2014) Standard Specification for Carbon Structural Steel |
| ASTM A47/A47M | (1999; R 2018; E 2018) Standard Specification for Ferritic Malleable Iron Castings |
| ASTM A48/A48M | (2003; R 2012) Standard Specification for Gray Iron Castings |
| ASTM A49 | (2012; R 2019) Standard Specification for Heat Treated Carbon Steel Joint Bars, Microalloyed Joint Bars and Forged Carbon Steel Compromise Joint Bars |
| ASTM A53/A53M | (2018) Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless |
| ASTM A74 | (2017) Standard Specification for Cast Iron Soil Pipe and Fittings |
| ASTM A90/A90M | (2013; R 2018) Standard Test Method for Weight [Mass] of Coating on Iron and Steel Articles with Zinc or Zinc-Alloy Coatings |
| ASTM A105/A105M | (2018) Standard Specification for Carbon Steel Forgings for Piping Applications |
| ASTM A106/A106M | (2019a) Standard Specification for Seamless Carbon Steel Pipe for High-Temperature Service |
| ASTM A108 | (2013) Standard Specification for Steel Bar, Carbon and Alloy, Cold-Finished |
| ASTM A109/A109M | (2016; R 2018) Standard Specification for Steel, Strip, Carbon (0.25 Maximum Percent), Cold-Rolled |
| ASTM A116 | (2011) Standard Specification for Metallic-Coated, Steel Woven Wire Fence Fabric |
| ASTM A121 | (2013) Standard Specification for Metallic-Coated Carbon Steel Barbed Wire |

| | |
|-----------------|---|
| ASTM A123/A123M | (2017) Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products |
| ASTM A126 | (2004; R 2019) Standard Specification for Gray Iron Castings for Valves, Flanges, and Pipe Fittings |
| ASTM A128/A128M | (1993; R 2017) Standard Specification for Steel Castings, Austenitic Manganese |
| ASTM A134/A134M | (2019) Standard Specification for Pipe, Steel, Electric-Fusion (Arc)-Welded (Sizes NPS 16 and Over) |
| ASTM A135/A135M | (2009; R2014) Standard Specification for Electric-Resistance-Welded Steel Pipe |
| ASTM A139/A139M | (2016) Standard Specification for Electric-Fusion (ARC)-Welded Steel Pipe (NPS 4 and over) |
| ASTM A143/A143M | (2007; R 2014) Standard Practice for Safeguarding Against Embrittlement of Hot-Dip Galvanized Structural Steel Products and Procedure for Detecting Embrittlement |
| ASTM A148/A148M | (2014) Standard Specification for Steel Castings, High Strength, for Structural Purposes |
| ASTM A153/A153M | (2016) Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware |
| ASTM A159 | (1983; R 2011) Standard Specification for Automotive Gray Iron Castings |
| ASTM A167 | (2011) Standard Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip |
| ASTM A179/A179M | (1990; R 2012) Standard Specification for Seamless Cold-Drawn Low-Carbon Steel Heat-Exchanger and Condenser Tubes |
| ASTM A181/A181M | (2014) Standard Specification for Carbon Steel Forgings, for General-Purpose Piping |
| ASTM A182/A182M | (2019a) Standard Specification for Forged or Rolled Alloy and Stainless Steel Pipe Flanges, Forged Fittings, and Valves and Parts for High-Temperature Service |
| ASTM A183 | (2014) Standard Specification for Carbon Steel Track Bolts and Nuts |
| ASTM A184/A184M | (2019) Standard Specification for Welded Deformed Steel Bar Mats for Concrete Reinforcement |
| ASTM A185/A185M | (2007) Standard Specification for Steel Welded Wire Reinforcement, Plain, for Concrete |

| | |
|-----------------|--|
| ASTM A192/A192M | (2002; R 2012) Standard Specification for Seamless Carbon Steel Boiler Tubes for High-Pressure Service |
| ASTM A193/A193M | (2019) Standard Specification for Alloy-Steel and Stainless Steel Bolting Materials for High-Temperature Service and Other Special Purpose Applications |
| ASTM A194/A194M | (2018) Standard Specification for Carbon Steel, Alloy Steel, and Stainless Steel Nuts for Bolts for High-Pressure or High-Temperature Service, or Both |
| ASTM A197/A197M | (2000; R 2019) Standard Specification for Cupola Malleable Iron |
| ASTM A211 | (1975; R 1985) Specification for Spiral-Welded Steel or Iron Pipe |
| ASTM A216/A216M | (2016) Standard Specification for Steel Castings, Carbon, Suitable for Fusion Welding, for High-Temperature Service |
| ASTM A217/A217M | (2014) Standard Specification for Steel Castings, Martensitic Stainless and Alloy, for Pressure-Containing Parts, Suitable for High-Temperature Service |
| ASTM A220/A220M | (1999; R 2018; E 2018) Standard Specification for Pearlitic Malleable Iron |
| ASTM A227/A227M | (2017) Standard Specification for Steel Wire, Cold-Drawn for Mechanical Springs |
| ASTM A229/A229M | (2017) Standard Specification for Steel Wire, Quenched and Tempered for Mechanical Springs |
| ASTM A234/A234M | (2019) Standard Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Moderate and High Temperature Service |
| ASTM A239 | (2014; R 2019) Standard Practice for Locating the Thinnest Spot in a Zinc (Galvanized) Coating on Iron or Steel Articles |
| ASTM A240/A240M | (2018) Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications |
| ASTM A242/A242M | (2013; R 2018) Standard Specification for High-Strength Low-Alloy Structural Steel |
| ASTM A249/A249M | (2018a) Standard Specification for Welded Austenitic Steel Boiler, Superheater, Heat-Exchanger, and Condenser Tubes |
| ASTM A252 | (2010) Standard Specification for Welded and |

Seamless Steel Pipe Piles

| | |
|-----------------|---|
| ASTM A263 | (2012; R 2019) Standard Specification for Stainless Chromium Steel-Clad Plate |
| ASTM A264 | (2012; R 2019) Standard Specification for Stainless Chromium-Nickel Steel-Clad Plate |
| ASTM A265 | (2012) Standard Specification for Nickel and Nickel-Base Alloy-Clad Steel Plate |
| ASTM A266/A266M | (2018) Standard Specification for Carbon Steel Forgings for Pressure Vessel Components |
| ASTM A268/A268M | (2010; R 2016) Standard Specification for Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General Service |
| ASTM A269/A269M | (2015; R 2019) Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service |
| ASTM A270/A270M | (2015; R 2019) Standard Specification for Seamless and Welded Austenitic and Ferritic/Austenitic Stainless Steel Sanitary Tubing |
| ASTM A275/A275M | (2018) Standard Practice for Magnetic Particle Examination of Steel Forgings |
| ASTM A276/A276M | (2017) Standard Specification for Stainless Steel Bars and Shapes |
| ASTM A278/A278M | (2015) Standard Specification for Gray Iron Castings for Pressure-Containing Parts for Temperatures Up to 650 degrees F (350 degrees C) |
| ASTM A283/A283M | (2013) Standard Specification for Low and Intermediate Tensile Strength Carbon Steel Plates |
| ASTM A285/A285M | (2017) Standard Specification for Pressure Vessel Plates, Carbon Steel, Low- and Intermediate-Tensile Strength |
| ASTM A290/A290M | (2016) Standard Specification for Carbon and Alloy Steel Forgings for Rings for Reduction Gears |
| ASTM A291/A291M | (2016) Standard Specification for Steel Forgings, Carbon and Alloy, for Pinions, Gears and Shafts for Reduction Gears |
| ASTM A297/A297M | (2019) Standard Specification for Steel Castings, Iron-Chromium and Iron-Chromium-Nickel, Heat Resistant, for General Application |
| ASTM A302/A302M | (2017) Standard Specification for Pressure Vessel Plates, Alloy Steel, Manganese-Molybdenum and Manganese-Molybdenum-Nickel |

| | |
|-----------------|---|
| ASTM A307 | (2014; E 2017) Standard Specification for Carbon Steel Bolts, Studs, and Threaded Rod 60 000 PSI Tensile Strength |
| ASTM A308/A308M | (2010) Standard Specification for Steel Sheet, Terne (Lead-Tin Alloy) Coated by the Hot Dip Process |
| ASTM A312/A312M | (2019) Standard Specification for Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes |
| ASTM A313/A313M | (2017) Standard Specification for Stainless Steel Spring Wire |
| ASTM A319 | (1971; R 2011) Standard Specification for Gray Iron Castings for Elevated Temperatures for Non-Pressure Containing Parts |
| ASTM A320/A320M | (2017b) Standard Specification for Alloy-Steel and Stainless Steel Bolting for Low-Temperature Service |
| ASTM A322 | (2013) Standard Specification Steel Bars, Alloy, Standard Grades |
| ASTM A325 | (2014) Standard Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength |
| ASTM A325M | (2014) Standard Specification for Structural Bolts, Steel, Heat Treated, 830 MPa Minimum Tensile Strength (Metric) |
| ASTM A328/A328M | (2013; R 2018) Standard Specification for Steel Sheet Piling |
| ASTM A333/A333M | (2016) Standard Specification for Seamless and Welded Steel Pipe for Low-Temperature Service and Other Applications with Required Notch Toughness |
| ASTM A334/A334M | (2004a; R 2016) Standard Specification for Seamless and Welded Carbon and Alloy-Steel Tubes for Low-Temperature Service |
| ASTM A336/A336M | (2018) Standard Specification for Alloy Steel Forgings for Pressure and High-Temperature Parts |
| ASTM A345 | (2019) Standard Specification for Flat-Rolled Electrical Steels for Magnetic Applications |
| ASTM A350/A350M | (2017) Standard Specification for Carbon and Low-Alloy Steel Forgings, Requiring Notch Toughness Testing for Piping Components |
| ASTM A351/A351M | (2018) Standard Specification for Castings, Austenitic, for Pressure-Containing Parts |
| ASTM A352/A352M | (2018a) Standard Specification for Steel Castings, |

| | |
|-----------------|--|
| | Ferritic and Martensitic, for Pressure-Containing Parts, Suitable for Low-Temperature Service |
| ASTM A354 | (2017; E 2017; E 2018) Standard Specification for Quenched and Tempered Alloy Steel Bolts, Studs, and Other Externally Threaded Fasteners |
| ASTM A356/A356M | (2016) Standard Specification for Steel Castings, Carbon, Low Alloy, and Stainless Steel, Heavy-Walled for Steam Turbines |
| ASTM A358/A358M | (2019) Standard Specification for Electric-Fusion-Welded Austenitic Chromium-Nickel Stainless Steel Pipe for High-Temperature Service and General Applications |
| ASTM A366/A366M | (1997e1) Standard Specification for Commercial Steel (CS) Sheet, Carbon, (0.15 Maximum Percent) Cold-Rolled |
| ASTM A370 | (2018) Standard Test Methods and Definitions for Mechanical Testing of Steel Products |
| ASTM A376/A376M | (2019) Standard Specification for Seamless Austenitic Steel Pipe for High-Temperature Service |
| ASTM A380/A380M | (2017) Standard Practice for Cleaning, Descaling, and Passivation of Stainless Steel Parts, Equipment, and Systems |
| ASTM A385/A385M | (2017) Standard Practice for Providing High-Quality Zinc Coatings (Hot-Dip) |
| ASTM A388/A388M | (2016) Standard Practice for Ultrasonic Examination of Steel Forgings |
| ASTM A392 | (2011a; R 2017) Standard Specification for Zinc-Coated Steel Chain-Link Fence Fabric |
| ASTM A395/A395M | (1999; R 2018) Standard Specification for Ferritic Ductile Iron Pressure-Retaining Castings for Use at Elevated Temperatures |
| ASTM A403/A403M | (2019a) Standard Specification for Wrought Austenitic Stainless Steel Piping Fittings |
| ASTM A416/A416M | (2018) Standard Specification for Low-Relaxation, Seven-Wire for Prestressed Concrete |
| ASTM A420/A420M | (2019a) Standard Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Low-Temperature Service |
| ASTM A421/A421M | (2015) Standard Specification for Uncoated Stress-Relieved Steel Wire for Prestressed Concrete |
| ASTM A423/A423M | (2019) Standard Specification for Seamless and |

Electric-Welded Low-Alloy Steel Tubes

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| ASTM A424/A424M | (2009a; R 2016) Standard Specification for Steel Sheet for Porcelain Enameling |
| ASTM A428/A428M | (2010; R 2014) Standard Test Method for Weight (Mass) of Coating on Aluminum-Coated Iron or Steel Articles |
| ASTM A436 | (1984; R 2015) Standard Specification for Austenitic Gray Iron Castings |
| ASTM A439/A439M | (2018) Standard Specification for Austenitic Ductile Iron Castings |
| ASTM A447/A447M | (2011; R 2016) Standard Specification for Steel Castings, Chromium-Nickel-Iron Alloy (25-12 Class), for High-Temperature Service |
| ASTM A449 | (2014) Standard Specification for Hex Cap Screws, Bolts, and Studs, Steel, Heat Treated, 120/105/90 ksi Minimum Tensile Strength, General Use |
| ASTM A463/A463M | (2010; R 2015) Standard Specification for Steel Sheet, Aluminum-Coated, by the Hot-Dip Process |
| ASTM A467/A467M | (2007; R 2012) Standard Specification for Machine Coil Chain |
| ASTM A473 | (2018a) Standard Specification for Stainless Steel Forgings |
| ASTM A475 | (2003; R 2014) Standard Specification for Zinc-Coated Steel Wire Strand |
| ASTM A478 | (1997; R 2019) Standard Specification for Chromium-Nickel Stainless Steel Weaving and Knitting Wire |
| ASTM A479/A479M | (2019) Standard Specification for Stainless Steel Bars and Shapes for Use in Boilers and Other Pressure Vessels |
| ASTM A480/A480M | (2019a) Standard Specification for General Requirements for Flat-Rolled Stainless and Heat-Resisting Steel Plate, Sheet, and Strip |
| ASTM A484/A484M | (2019) Standard Specification for General Requirements for Stainless Steel Bars, Billets, and Forgings |
| ASTM A487/A487M | (2014; E 2017) Standard Specification for Steel Castings Suitable for Pressure Service |
| ASTM A489 | (2018; E 2018) Standard Specification for Carbon Steel Eyebolts |

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| ASTM A490 | (2014a) Standard Specification for Structural Bolts, Alloy Steel, Heat Treated, 150 ksi Minimum Tensile Strength |
| ASTM A490M | (2014a) Standard Specification for High-Strength Steel Bolts, Classes 10.9 and 10.9.3, for Structural Steel Joints (Metric) |
| ASTM A491 | (2011; R 2017) Standard Specification for Aluminum-Coated Steel Chain-Link Fence Fabric |
| ASTM A492 | (1995; R 2019) Standard Specification for Stainless Steel Rope Wire |
| ASTM A499 | (2015) Standard Specification for Steel Bars and Shapes, Carbon Rolled from "T" Rails |
| ASTM A500/A500M | (2018) Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes |
| ASTM A501/A501M | (2014) Standard Specification for Hot-Formed Welded and Seamless Carbon Steel Structural Tubing |
| ASTM A504/A504M | (2018) Standard Specification for Wrought Carbon Steel Wheels |
| ASTM A512 | (2006; R 2012) Standard Specification for Cold-Drawn Buttweld Carbon Steel Mechanical Tubing |
| ASTM A513/A513M | (2019) Standard Specification for Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing |
| ASTM A514/A514M | (2018) Standard Specification for High-Yield-Strength, Quenched and Tempered Alloy Steel Plate, Suitable for Welding |
| ASTM A515/A515M | (2017) Standard Specification for Pressure Vessel Plates, Carbon Steel, for Intermediate- and Higher-Temperature Service |
| ASTM A516/A516M | (2017) Standard Specification for Pressure Vessel Plates, Carbon Steel, for Moderate- and Lower-Temperature Service |
| ASTM A518/A518M | (1999; R 2018) Standard Specification for Corrosion-Resistant High-Silicon Iron Castings |
| ASTM A519/A519M | (2017) Standard Specification for Seamless Carbon and Alloy Steel Mechanical Tubing |
| ASTM A524 | (1996; R 2012) Standard Specification for Seamless Carbon Steel Pipe for Atmospheric and Lower Temperatures |
| ASTM A529/A529M | (2014) Standard Specification for High-Strength |

Carbon-Manganese Steel of Structural Quality

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| ASTM A530/A530M | (2012) Standard Specification for General Requirements for Specialized Carbon and Alloy Steel Pipe |
| ASTM A532/A532M | (2010; R 2019) Standard Specification for Abrasion-Resistant Cast Irons |
| ASTM A534 | (2017) Standard Specification for Carburizing Steels for Anti-Friction Bearings |
| ASTM A536 | (1984; R 2014) Standard Specification for Ductile Iron Castings |
| ASTM A554 | (2016) Standard Specification for Welded Stainless Steel Mechanical Tubing |
| ASTM A560/A560M | (2012; R 2018) Standard Specification for Castings, Chromium-Nickel Alloy |
| ASTM A563 | (2015) Standard Specification for Carbon and Alloy Steel Nuts |
| ASTM A563M | (2007; R 2013) Standard Specification for Carbon and Alloy Steel Nuts (Metric) |
| ASTM A564/A564M | (2019) Standard Specification for Hot-Rolled and Cold-Finished Age-Hardening Stainless Steel Bars and Shapes |
| ASTM A568/A568M | (2019a) Standard Specification for Steel, Sheet, Carbon, Structural, and High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled, General Requirements for |
| ASTM A572/A572M | (2018) Standard Specification for High-Strength Low-Alloy Columbium-Vanadium Structural Steel |
| ASTM A574 | (2017) Standard Specification for Alloy Steel Socket-Head Cap Screws |
| ASTM A575 | (1996; E 2013; R 2013) Standard Specification for Steel Bars, Carbon, Merchant Quality, M-Grades |
| ASTM A576 | (2017) Standard Specification for Steel Bars, Carbon, Hot-Wrought, Special Quality |
| ASTM A578/A578M | (2007; R 2012) Standard Specification for Straight-Beam Ultrasonic Examination of Rolled Steel Plates for Special Applications |
| ASTM A580/A580M | (2018) Standard Specification for Stainless Steel Wire |
| ASTM A582/A582M | (2012; R 2017) Standard Specification for Free-Machining Stainless Steel Bars |

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| ASTM A586 | (2018) Standard Specification for Metallic-Coated Parallel and Helical Steel Wire Structural Strand |
| ASTM A587 | (1996; R 2019) Standard Specification for Electric-Resistance-Welded Low-Carbon Steel Pipe for the Chemical Industry |
| ASTM A588/A588M | (2019) Standard Specification for High-Strength Low-Alloy Structural Steel, up to 50 ksi [345 MPa] Minimum Yield Point, with Atmospheric Corrosion Resistance |
| ASTM A603 | (2019) Standard Specification for Zinc-Coated Steel Structural Wire Rope |
| ASTM A606/A606M | (2008) Standard Specification for Steel Sheet and Strip, High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled, with Improved Atmospheric Corrosion Resistance |
| ASTM A609/A609M | (2012; R 2018) Standard Practice for Castings, Carbon, Low-Alloy, and Martensitic Stainless Steel, Ultrasonic Examination Thereof |
| ASTM A615/A615M | (2016) Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement |
| ASTM A618/A618M | (2004; R 2010) Standard Specification for Hot-Formed Welded and Seamless High-Strength Low-Alloy Structural Tubing |
| ASTM A627 | (2003; R 2011) Standard Specification for Tool-Resisting Steel Bars, Flats, and Shapes for Detention and Correctional Facilities |
| ASTM A632 | (2004; R 2014) Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing (Small-Diameter) for General Service |
| ASTM A633/A633M | (2013) Standard Specification for Normalized High-Strength Low-Alloy Structural Steel Plates |
| ASTM A641/A641M | (2019) Standard Specification for Zinc-Coated (Galvanized) Carbon Steel Wire |
| ASTM A648 | (2018) Standard Specification for Steel Wire, Hard Drawn for Prestressed Concrete Pipe |
| ASTM A653/A653M | (2019) Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process |
| ASTM A659/A659M | (2012; R 2017) Standard Specification for Commercial Steel (CS), Sheet and Strip, Carbon (0.16 Maximum to 0.25 Maximum Percent), Hot-Rolled |
| ASTM A666 | (2015) Standard Specification for Annealed or |

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| | Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate and Flat Bar |
| ASTM A667/A667M | (1987; R 2018) Standard Specification for Centrifugally Cast Dual Metal (Gray and White Cast Iron) Cylinders |
| ASTM A668/A668M | (2017) Standard Specification for Steel Forgings, Carbon and Alloy, for General Industrial Use |
| ASTM A675/A675M | (2014) Standard Specification for Steel Bars, Carbon, Hot-Wrought, Special Quality, Mechanical Properties |
| ASTM A688/A688M | (2015) Standard Specification for Welded Austenitic Stainless Steel Feedwater Heater Tubes |
| ASTM A690/A690M | (2013a; R 2018) Standard Specification for High-Strength Low-Alloy Nickel, Copper, Phosphorus Steel H-Piles and Sheet Piling with Atmospheric Corrosion Resistance for Use in Marine Environments |
| ASTM A694/A694M | (2016) Standard Specification for Carbon and Alloy Steel Forgings for Pipe Flanges, Fittings, Valves, and Parts for High-Pressure Transmission Service |
| ASTM A702 | (2013) Standard Specification for Steel Fence Posts and Assemblies, Hot Wrought |
| ASTM A705/A705M | (2017) Standard Specification for Age-Hardening Stainless Steel Forgings |
| ASTM A706/A706M | (2016) Standard Specification for Low-Alloy Steel Deformed and Plain Bars for Concrete Reinforcement |
| ASTM A707/A707M | (2019) Standard Specification for Forged Carbon and Alloy Steel Flanges for Low-Temperature Service |
| ASTM A709/A709M | (2018) Standard Specification for Structural Steel for Bridges |
| ASTM A716 | (2018) Standard Specification for Ductile Iron Culvert Pipe |
| ASTM A722/A722M | (2015) Standard Specification for Uncoated High-Strength Steel Bar for Prestressing Concrete |
| ASTM A727/A727M | (2014) Standard Specification for Carbon Steel Forgings for Piping Components with Inherent Notch Toughness |
| ASTM A733 | (2016) Standard Specification for Welded and Seamless Carbon Steel and Austenitic Stainless Steel Pipe Nipples |
| ASTM A742/A742M | (2018) Standard Specification for Steel Sheet, Metallic Coated and Polymer Precoated for |

Corrugated Steel Pipe

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| ASTM A743/A743M | (2019) Standard Specification for Castings, Iron-Chromium, Iron-Chromium-Nickel, Corrosion Resistant, for General Application |
| ASTM A744/A744M | (2013) Standard Specification for Castings, Iron-Chromium-Nickel, Corrosion Resistant, for Severe Service |
| ASTM A746 | (2018) Standard Specification for Ductile Iron Gravity Sewer Pipe |
| ASTM A755/A755M | (2018) Standard Specification for Steel Sheet, Metallic Coated by the Hot-Dip Process and Prepainted by the Coil-Coating Process for Exterior Exposed Building Products |
| ASTM A760/A760M | (2015) Standard Specification for Corrugated Steel Pipe, Metallic-Coated for Sewers and Drains |
| ASTM A762/A762M | (2019) Standard Specification for Corrugated Steel Pipe, Polymer Precoated for Sewers and Drains |
| ASTM A764 | (2007; R 2017) Standard Specification for Metallic Coated Carbon Steel Wire, Coated at Size and Drawn to Size for Mechanical Springs |
| ASTM A767/A767M | (2016) Standard Specification for Zinc-Coated (Galvanized) Steel Bars for Concrete Reinforcement |
| ASTM A774/A774M | (2014) Standard Specification for As-Welded Wrought Austenitic Stainless Steel Fittings for General Corrosive Service at Low and Moderate Temperatures |
| ASTM A775/A775M | (2017) Standard Specification for Epoxy-Coated Steel Reinforcing Bars |
| ASTM A778/A778M | (2016) Standard Specification for Welded, Unannealed Austenitic Stainless Steel Tubular Products |
| ASTM A779/A779M | (2016) Standard Specification for Steel Strand, Seven-Wire, Uncoated, Compacted, Stress-Relieved for Prestressed Concrete |
| ASTM A780/A780M | (2009; R 2015) Standard Practice for Repair of Damaged and Uncoated Areas of Hot-Dip Galvanized Coatings |
| ASTM A786/A786M | (2015a) Standard Specification for Hot-Rolled Carbon, Low-Alloy, High-Strength Low-Alloy, and Alloy Steel Floor Plates |
| ASTM A789/A789M | (2017a) Standard Specification for Seamless and Welded Ferritic/Austenitic Stainless Steel Tubing for General Service |

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| ASTM A792/A792M | (2010) Standard Specification for Steel Sheet, 55% Aluminum-Zinc Alloy-Coated by the Hot-Dip Process |
| ASTM A795/A795M | (2013) Standard Specification for Black and Hot-Dipped Zinc-Coated (Galvanized) Welded and Seamless Steel Pipe for Fire Protection Use |
| ASTM A798/A798M | (2017) Standard Practice for Installing Factory-Made Corrugated Steel Pipe for Sewers and Other Applications |
| ASTM A807/A807M | (2017) Standard Practice for Installing Corrugated Steel Structural Plate Pipe for Sewers and Other Applications |
| ASTM A809 | (2008; R 2017) Standard Specification for Aluminum-Coated (Aluminized) Carbon Steel Wire |
| ASTM A813/A813M | (2014; R 2019) Standard Specification for Single- or Double-Welded Austenitic Stainless Steel Pipe |
| ASTM A814/A814M | (2015; R 2019) Standard Specification for Cold-Worked Welded Austenitic Stainless Steel Pipe |
| ASTM A815/A815M | (2017) Standard Specification for Wrought Ferritic, Ferritic/Austenitic, and Martensitic Stainless Steel Piping Fittings |
| ASTM A820/A820M | (2016) Standard Specification for Steel Fibers for Fiber-Reinforced Concrete |
| ASTM A821/A821M | (2015) Standard Specification for Steel Wire, Hard Drawn for Prestressing Concrete Tanks |
| ASTM A824 | (2011; R 2017) Standard Specification for Metallic-Coated Steel Marcellled Tension Wire for Use With Chain Link Fence |
| ASTM A829/A829M | (2014) Standard Specification for Alloy Structural Steel Plates |
| ASTM A849 | (2015) Standard Specification for Post-Applied Coatings, Pavings, and Linings for Corrugated Steel Sewer and Drainage Pipe |
| ASTM A853 | (2019) Standard Specification for Steel Wire, Carbon, for General Use |
| ASTM A856/A856M | (2003; R 2014) Standard Specification for Zinc-5% Aluminum-Mischmetal Alloy-Coated Carbon Steel Wire |
| ASTM A857/A857M | (2007; R 2013) Standard Specification for Steel Sheet Piling, Cold-Formed, Light Gage |
| ASTM A858/A858M | (2014) Standard Specification for Heat-Treated Carbon Steel Fittings for Low-Temperature and Corrosive Service |

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| ASTM A861 | (2004; R 2017) Standard Specification for High-Silicon Iron Pipe and Fittings |
| ASTM A865/A865M | (2006; R 2017) Standard Specification for Threaded Couplings, Steel, Black or Zinc-Coated (Galvanized) Welded or Seamless, for Use in Steel Pipe Joints |
| ASTM A879/A879M | (2012) Standard Specification for Steel Sheet, zinc Coated by the Electrolytic Process for Applications Requiring Designation of the Coating Mass on Each Surface |
| ASTM A882/A882M | (2004a; R 2010) Standard Specification for Filled Epoxy-Coated Seven-Wire Prestressing Steel Strand |
| ASTM A884/A884M | (2019) Standard Specification for Epoxy-Coated Steel Wire and Welded Wire Reinforcement |
| ASTM A886/A886M | (2017) Standard Specification for Steel Strand, Indented, Seven-Wire Stress-Relieved for Prestressed Concrete |
| ASTM A888 | (2018) Standard Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Applications |
| ASTM A924/A924M | (2018) Standard Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process |
| ASTM A929/A929M | (2018) Standard Specification for Steel Sheet, Metallic-Coated by the Hot-Dip Process for Corrugated Steel Pipe |
| ASTM A931 | (2008; R 2013) Standard Test Method for Tension Testing of Wire Ropes and Strand |
| ASTM A934/A934M | (2016) Standard Specification for Epoxy-Coated Prefabricated Steel Reinforcing Bars |
| ASTM A951/A951M | (2011) Standard Specification for Steel Wire for Masonry Joint Reinforcement |
| ASTM A955/A955M | (2018b) Standard Specification for Deformed and Plain Stainless-Steel Bars for Concrete Reinforcement |
| ASTM A960/A960M | (2018a) Standard Specification for Common Requirements for Wrought Steel Pipe Fittings |
| ASTM A961/A961M | (2019a) Standard Specification for Common Requirements for Steel Flanges, Forged Fittings, Valves, and Parts for Piping Applications |
| ASTM A966/A966M | (2015) Standard Test Method for Magnetic Particle Examination of Steel Forgings Using Alternating Current |

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| ASTM A970/A970M | (2018) Standard Specification for Headed Steel Bars for Concrete Reinforcement |
| ASTM A974 | (1997; R 2016) Standard Specification for Welded Wire Fabric Gabion and Gabion Mattresses (Metallic Coated or Polyvinyl Chloride (PVC) Coated) |
| ASTM A975 | (2011; R 2016) Standard Specification for Double-Twisted Hexagonal Mesh Gabions and Revet Mattresses (Metallic-Coated Steel Wire or Metallic-Coated Steel Wire With Poly(Vinyl Chloride) (PVC) Coating) |
| ASTM A981/A981M | (2011; R 2016) Standard Test Method for Evaluating Bond Strength for 0.600-in. [15.24 mm] Diameter Steel Prestressing Strand, Grade 270 [1860], Uncoated, Used in Prestressed Ground Anchors |
| ASTM A990/A990M | (2018) Standard Specification for Castings, Iron-Nickel-Chromium and Nickel Alloys, Specially Controlled for Pressure-Retaining Parts for Corrosive Service |
| ASTM A992/A992M | (2011; R 2015) Standard Specification for Structural Steel Shapes |
| ASTM A996/A996M | (2016) Standard Specification for Rail-Steel and Axle-Steel Deformed Bars for Concrete Reinforcement |
| ASTM A1003/A1003M | (2015) Standard Specification for Steel Sheet, Carbon, Metallic- and Nonmetallic-Coated for Cold-Formed Framing Members |
| ASTM A1008/A1008M | (2016) Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Solution Hardened, and Bake Hardenable |
| ASTM A1011/A1011M | (2018a) Standard Specification for Steel Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength |
| ASTM A1018/A1018M | (2016a) Standard Specification for Steel, Sheet and Strip, Heavy-Thickness Coils, Hot-Rolled, Carbon, Commercial, Drawing, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength |
| ASTM A1022/A1022M | (2016b) Standard Specification for Deformed and Plain Stainless Steel Wire and Welded Wire for Concrete Reinforcement |
| ASTM A1023/A1023M | (2019) Standard Specification for Stranded Carbon Steel Wire Ropes for General Purposes |
| ASTM A1035/A1035M | (2016a) Standard Specification for Deformed and |

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| | Plain, Low-carbon, Chromium, Steel Bars for Concrete Reinforcement |
| ASTM A1044/A1044M | (2016a) Standard Specification for Steel Stud Assemblies for Shear Reinforcement of Concrete |
| ASTM A1055/A1055M | (2016) Standard Specification for Zinc and Epoxy Dual Coated Steel Reinforcing Bars |
| ASTM A1060/A1060M | (2016b) Standard Specification for Zinc-Coated (Galvanized) Steel Welded Wire Reinforcement, Plain and Deformed, for Concrete |
| ASTM A1064/A1064M | (2017) Standard Specification for Carbon-Steel Wire and Welded Wire Reinforcement, Plain and Deformed, for Concrete |
| ASTM A1078/A1078M | (2019) Standard Specification for Epoxy-Coated Steel Dowels in Concrete Pavement |
| ASTM A1085/A1085M | (2015) Standard Specification for Cold-Formed Welded Carbon Steel Hollow Structural Sections (HSS) |
| ASTM B1 | (2013) Standard Specification for Hard-Drawn Copper Wire |
| ASTM B2 | (2013) Standard Specification for Medium-Hard-Drawn Copper Wire |
| ASTM B3 | (2013) Standard Specification for Soft or Annealed Copper Wire |
| ASTM B6 | (2018) Standard Specification for Zinc |
| ASTM B8 | (2011; R 2017) Standard Specification for Concentric-Lay-Stranded Copper Conductors, Hard, Medium-Hard, or Soft |
| ASTM B21/B21M | (2014) Standard Specification for Naval Brass Rod, Bar, and Shapes |
| ASTM B22/B22M | (2017) Standard Specification for Bronze Castings for Bridges and Turntables |
| ASTM B23 | (2000; R 2014) Standard Specification for White Metal Bearing Alloys (known Commercially as "Babbitt Metal") |
| ASTM B26/B26M | (2014; E 2015) Standard Specification for Aluminum-Alloy Sand Castings |
| ASTM B30 | (2016) Standard Specification for Copper Alloys in Ingot Form |
| ASTM B32 | (2008; R 2014) Standard Specification for Solder Metal |

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| ASTM B33 | (2010; R 2014) Standard Specification for Tinned Soft or Annealed Copper Wire for Electrical Purposes |
| ASTM B36/B36M | (2018) Standard Specification for Brass Plate, Sheet, Strip, and Rolled Bar |
| ASTM B37 | (2018) Standard Specification for Aluminum for Use in Iron and Steel Manufacture |
| ASTM B39 | (1979; R 2008) Standard Specification for Nickel |
| ASTM B42 | (2015a) Standard Specification for Seamless Copper Pipe, Standard Sizes |
| ASTM B43 | (2014) Standard Specification for Seamless Red Brass Pipe, Standard Sizes |
| ASTM B48 | (2000; R 2016) Standard Specification for Soft Rectangular and Square Bare Copper Wire for Electrical Conductors |
| ASTM B61 | (2015) Standard Specification for Steam or Valve Bronze Castings |
| ASTM B62 | (2017) Standard Specification for Composition Bronze or Ounce Metal Castings |
| ASTM B68/B68M | (2011) Standard Specification for Seamless Copper Tube, Bright Annealed (Metric) |
| ASTM B69 | (2013) Standard Specification for Rolled Zinc |
| ASTM B75/B75M | (2011) Standard Specification for Seamless Copper Tube |
| ASTM B85/B85M | (2018) Standard Specification for Aluminum-Alloy Die Castings |
| ASTM B86 | (2018) Standard Specification for Zinc and Zinc-Aluminum (ZA) Alloy Foundry and Die Castings |
| ASTM B88 | (2016) Standard Specification for Seamless Copper Water Tube |
| ASTM B88M | (2018) Standard Specification for Seamless Copper Water Tube (Metric) |
| ASTM B98/B98M | (2013) Standard Specification for Copper-Silicon Alloy Rod, Bar, and Shapes |
| ASTM B101 | (2012; R 2019) Standard Specification for Lead-Coated Copper Sheet and Strip for Building Construction |
| ASTM B103/B103M | (2019) Standard Specification for Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar |

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| ASTM B108/B108M | (2019) Standard Specification for Aluminum-Alloy Permanent Mold Castings |
| ASTM B111/B111M | (2018) Standard Specification for Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock |
| ASTM B117 | (2016) Standard Practice for Operating Salt Spray (Fog) Apparatus |
| ASTM B121/B121M | (2016) Standard Specification for Lead Brass Plate, Sheet, Strip, and Rolled Bar |
| ASTM B124/B124M | (2019a) Standard Specification for Copper and Copper Alloy Forging Rod, Bar, and Shapes |
| ASTM B127 | (2019) Standard Specification for Nickel-Copper Alloy (UNS N04400) Plate, Sheet, and Strip |
| ASTM B135/B135M | (2017) Standard Specification for Seamless Brass Tube |
| ASTM B136 | (1984; R 2013) Standard Method for Measurement of Stain Resistance of Anodic Coatings on Aluminum |
| ASTM B137 | (1995; R 2014) Standard Test Method for Measurement of Coating Mass Per Unit Area on Anodically Coated Aluminum |
| ASTM B138/B138M | (2011; R 2017) Standard Specification for Manganese Bronze Rod, Bar and Shapes |
| ASTM B148 | (2014) Standard Specification for Aluminum-Bronze Sand Castings |
| ASTM B150/B150M | (2012; R 2017) Standard Specification for Aluminum Bronze Rod, Bar, and Shapes |
| ASTM B152/B152M | (2019) Standard Specification for Copper Sheet, Strip, Plate, and Rolled Bar |
| ASTM B161 | (2005; R 2014) Standard Specification for Nickel Seamless Pipe and Tube |
| ASTM B163 | (2019) Standard Specification for Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes |
| ASTM B164 | (2003; R 2014) Standard Specification for Nickel-Copper Alloy Rod, Bar, and Wire |
| ASTM B165 | (2019) Standard Specification for Nickel-Copper Alloy (UNS N04400)* Seamless Pipe and Tube |
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| ASTM B168 | (2011; R 2016) Standard Specification for Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, and N06045, and N06696,) Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Plate, Sheet, and Strip |
| ASTM B171/B171M | (2012) Standard Specification for Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers and Heat Exchangers |
| ASTM B173 | (2017) Standard Specification for Rope-Lay-Stranded Copper Conductors Having Concentric-Stranded Members, for Electrical Conductors |
| ASTM B176 | (2018) Standard Specification for Copper-Alloy Die Castings |
| ASTM B177/B177M | (2011; R 2017) Standard Guide for Engineering Chromium Electroplating |
| ASTM B179 | (2017) Standard Specification for Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes |
| ASTM B187/B187M | (2016) Standard Specification for Copper, Bus Bar, Rod and Shapes and General Purpose Rod, Bar and Shapes |
| ASTM B188 | (2015; E 2016) Standard Specification for Seamless Copper Bus Pipe and Tube |
| ASTM B194 | (2008) Standard Specification for Copper-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar |
| ASTM B209 | (2014) Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate |
| ASTM B209M | (2014) Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate (Metric) |
| ASTM B210/B210M | (2019a) Standard Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes |
| ASTM B211/B211M | (2019) Standard Specification for Aluminum and Aluminum-Alloy Rolled or Cold Finished Bar, Rod, and Wire |
| ASTM B221 | (2014) Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes |
| ASTM B221M | (2013) Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric) |

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| ASTM B230/B230M | (2007; R 2016) Standard Specification for Aluminum 1350-H19 Wire for Electrical Purposes |
| ASTM B231/B231M | (2012) Standard Specification for Concentric-Lay-Stranded Aluminum 1350 Conductors |
| ASTM B232/B232M | (2017) Standard Specification for Concentric-Lay-Stranded Aluminum Conductors, Coated-Steel Reinforced (ACSR) |
| ASTM B236 | (2007) Standard Specification for Aluminum Bars for Electrical Purposes (Bus Bars) |
| ASTM B236M | (2007) Standard Specification for Aluminum Bars for Electrical Purposes (Bus Bars) (Metric) |
| ASTM B241/B241M | (2016) Standard Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube |
| ASTM B244 | (2009; R 2014) Standard Method for Measurement of Thickness of Anodic Coatings on Aluminum and of Other Nonconductive Coatings on Nonmagnetic Basis Metals with Eddy-Current Instruments |
| ASTM B247 | (2015) Standard Specification for Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings |
| ASTM B247M | (2009) Standard Specification for Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric) |
| ASTM B251/B251M | (2017) Standard Specification for General Requirements for Wrought Seamless Copper and Copper-Alloy Tube |
| ASTM B254 | (1992; R 2014) Standard Practice for Preparation of and Electroplating on Stainless Steel |
| ASTM B265 | (2015) Standard Specification for Titanium and Titanium Alloy Strip, Sheet, and Plate |
| ASTM B271/B271M | (2015) Standard Specification for Copper-Base Alloy Centrifugal Castings |
| ASTM B280 | (2019) Standard Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service |
| ASTM B302 | (2017) Standard Specification for Threadless Copper Pipe, Standard Sizes |
| ASTM B306 | (2013) Standard Specification for Copper Drainage Tube (DWV) |
| ASTM B308/B308M | (2010) Standard Specification for Aluminum-Alloy |

6061-T6 Standard Structural Profiles

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| ASTM B316/B316M | (2010) Standard Specification for Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods |
| ASTM B317/B317M | (2007; R 2015; E 2016) Standard Specification for Aluminum-Alloy Extruded Bar, Rod, Tube, Pipe, Structural Profiles, and Profiles for Electrical Purposes (Bus Conductor) |
| ASTM B333 | (2003; R 2018) Standard Specification for Nickel-Molybdenum Alloy Plate, Sheet, and Strip |
| ASTM B339 | (2019) Standard Specification for Pig Tin |
| ASTM B344 | (2014) Standard Specification for Drawn or Rolled Nickel-Chromium and Nickel-Chromium-Iron Alloys for Electrical Heating Elements |
| ASTM B345/B345M | (2011) Standard Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems |
| ASTM B348 | (2013) Standard Specification for Titanium and Titanium Alloy Bars and Billets |
| ASTM B361 | (2016) Standard Specification for Factory-Made Wrought Aluminum and Aluminum-Alloy Welding Fittings |
| ASTM B366/B366M | (2017) Standard Specification for Factory-Made Wrought Nickel and Nickel Alloy Fittings |
| ASTM B370 | (2012; R 2019) Standard Specification for Copper Sheet and Strip for Building Construction |
| ASTM B371/B371M | (2008; R 2013) Standard Specification for Copper-Zinc-Silicon Alloy Rod |
| ASTM B395/B395M | (2018) Standard Specification for U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes |
| ASTM B398/B398M | (2015) Standard Specification for Aluminum-Alloy 6201-T81 Wire for Electrical Purposes |
| ASTM B399/B399M | (2004; R 2015) Standard Specification for Concentric-Lay-Stranded Aluminum-Alloy 6201-T81 Conductors |
| ASTM B400/B400M | (2019) Standard Specification for Compact Round Concentric-Lay-Stranded Aluminum 1350 Conductors |
| ASTM B418 | (2016) Standard Specification for Cast and Wrought Galvanic Zinc Anodes |
| ASTM B424 | (2011; R 2016) Standard Specification for |

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| | Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825 and UNS N08221, and UNS N06845) Plate, Sheet, and Strip |
| ASTM B429/B429M | (2010; E 2012) Standard Specification for Aluminum-Alloy Extruded Structural Pipe and Tube |
| ASTM B438 | (2017) Standard Specification for Bronze-Base Powder Metallurgy (PM) Bearings (Oil Impregnated) |
| ASTM B439 | (2018) Standard Specification for Iron-Base Powder Metallurgy (PM) Bearings (Oil-Impregnated) |
| ASTM B443 | (2019) Standard Specification for Nickel-Chromium-Molybdenum-Columbium Alloy (UNS N06625) and Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219)* Plate, Sheet, and Strip |
| ASTM B456 | (2017) Standard Specification for Electrodeposited Coatings of Copper Plus Nickel Plus Chromium and Nickel Plus Chromium |
| ASTM B479 | (2006) Standard Specification for Annealed Aluminum and Aluminum-Alloy Foil for Flexible Barrier, Food Contact, and Other Applications |
| ASTM B496 | (2016) Standard Specification for Compact Round Concentric-Lay-Stranded Copper Conductors |
| ASTM B505/B505M | (2018) Standard Specification for Copper Alloy Continuous Castings |
| ASTM B517 | (2005; R 2014) Standard Specification for Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe |
| ASTM B545 | (2013) Standard Specification for Electrodeposited Coatings of Tin |
| ASTM B546 | (2004; R 2014) Standard Specification for Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe |
| ASTM B564 | (2019) Standard Specification for Nickel Alloy Forgings |
| ASTM B574 | (2017) Standard Specification for Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod |
| ASTM B584 | (2014) Standard Specification for Copper Alloy Sand Castings for General Applications |

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| ASTM B609/B609M | (2012; E 2015) Standard Specification for Aluminum 1350 Round Wire, Annealed and Intermediate Tempers, for Electrical purposes |
| ASTM B619/B619M | (2019) Standard Specification for Welded Nickel and Nickel-Cobalt Alloy Pipe |
| ASTM B622 | (2017b) Standard Specification for Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube |
| ASTM B632/B632M | (2008) Standard Specification for Aluminum-Alloy Rolled Tread Plate |
| ASTM B633 | (2019) Standard Specification for Electrodeposited Coatings of Zinc on Iron and Steel |
| ASTM B650 | (1995; R 2018) Standard Specification for Electrodeposited Engineering Chromium Coatings on Ferrous Substrates |
| ASTM B659 | (1990; R 2014) Standard Guide for Measuring Thickness of Metallic and Inorganic Coatings |
| ASTM B687 | (1999; R 2016) Standard Specification for Brass, Copper, and Chromium-Plated Pipe Nipples |
| ASTM B695 | (2004; R 2016) Standard Specification for Coatings of Zinc Mechanically Deposited on Iron and Steel |
| ASTM B696 | (2000; R 2015) Standard Specification for Coatings of Cadmium Mechanically Deposited |
| ASTM B725 | (2018) Standard Specification for Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Pipe |
| ASTM B733 | (2015) Standard Specification for Autocatalytic (Electroless) Nickel-Phosphorus Coatings on Metal |
| ASTM B745/B745M | (2015) Standard Specification for Corrugated Aluminum Pipe for Sewers and Drains |
| ASTM B749 | (2014) Standard Specification for Lead and Lead Alloy Strip, Sheet and Plate Products |
| ASTM B763/B763M | (2015) Standard Specification for Copper Alloy Sand Castings for Valve Application |
| ASTM B766 | (1986; R 2015) Standard Specification for Electrodeposited Coatings of Cadmium |
| ASTM B775/B775M | (2016) Standard Specification for General Requirements for Nickel and Nickel Alloy Welded Pipe |
| ASTM B800 | (2005; R 2011) Standard Specification for 8000 Series Aluminum Alloy Wire for Electrical Purposes-Annealed and Intermediate Tempers |

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| ASTM B801 | (2018) Standard Specification for Concentric-Lay-Stranded Conductors of 8000 Series Aluminum Alloy for Subsequent Covering or Insulation |
| ASTM B806 | (2014) Standard Specification for Copper Alloy Permanent Mold Castings for General Applications |
| ASTM B813 | (2016) Standard Specification for Liquid and Paste Fluxes for Soldering of Copper and Copper Alloy Tube |
| ASTM B819 | (2000; R 2011) Standard Specification for Seamless Copper Tube for Medical Gas Systems |
| ASTM B823 | (2015) Standard Specification for Materials for Nonferrous Powder Metallurgy (P/M) Structural Parts |
| ASTM B824 | (2017) Standard Specification for General Requirements for Copper Alloy Castings |
| ASTM B828 | (2016) Standard Practice for Making Capillary Joints by Soldering of Copper and Copper Alloy Tube and Fittings |
| ASTM B829 | (2019a) Standard Specification for General Requirements for Nickel and Nickel Alloys Seamless Pipe and Tube |
| ASTM B837 | (2019) Standard Specification for Seamless Copper Tube for Natural Gas and Liquified Petroleum (LP) Gas Fuel Distribution Systems |
| ASTM B843 | (2018) Standard Specification for Magnesium Alloy Anodes for Cathodic Protection |
| ASTM B857 | (2018) Standard Specification for Shaped Wire Compact Concentric-Lay-Stranded Aluminum Conductors, Coated-Steel Supported (ACSS/TW) |
| ASTM B929 | (2017) Standard Specification for Copper-Nickel-Tin Spinodal Alloy Rod and Bar |
| ASTM C4 | (2004; R 2014) Standard Specification for Clay Drain Tile and Perforated Clay Drain Tile |
| ASTM C12 | (2017) Standard Practice for Installing Vitrified Clay Pipe Lines |
| ASTM C14 | (2015) Standard Specification for Concrete Sewer, Storm Drain, and Culvert Pipe |
| ASTM C14M | (2014) Standard Specification for Concrete Sewer, Storm Drain, and Culvert Pipe (Metric) |
| ASTM C25 | (2017) Standard Test Methods for Chemical Analysis of Limestone, Quicklime, and Hydrated Lime |
| ASTM C27 | (1998; R 2008) Fireclay and High-Alumina Refractory |

Brick

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| ASTM C28/C28M | (2010) Gypsum Plasters |
| ASTM C29/C29M | (2017a) Standard Test Method for Bulk Density ("Unit Weight") and Voids in Aggregate |
| ASTM C31/C31M | (2019) Standard Practice for Making and Curing Concrete Test Specimens in the Field |
| ASTM C32 | (2013; R 2017) Standard Specification for Sewer and Manhole Brick (Made from Clay or Shale) |
| ASTM C33/C33M | (2018) Standard Specification for Concrete Aggregates |
| ASTM C34 | (2017) Standard Specification for Structural Clay Loadbearing Wall Tile |
| ASTM C35 | (2001; R 2019) Inorganic Aggregates for Use in Gypsum Plaster |
| ASTM C39/C39M | (2018) Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens |
| ASTM C40 | (2011) Standard Test Method for Organic Impurities in Fine Aggregates for Concrete |
| ASTM C40/C40M | (2019) Standard Test Method for Organic Impurities in Fine Aggregates for Concrete |
| ASTM C42/C42M | (2018a) Standard Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete |
| ASTM C50/C50M | (2013) Sampling, Sample Preparation, Packaging, and Marking of Lime and Limestone Products |
| ASTM C55 | (2017) Standard Specification for Concrete Building Brick |
| ASTM C59/C59M | (2000; R 2011) Gypsum Casting Plaster and Gypsum Molding Plaster |
| ASTM C61/C61M | (2000; R 2011) Gypsum Keene's Cement |
| ASTM C62 | (2017) Standard Specification for Building Brick (Solid Masonry Units Made from Clay or Shale) |
| ASTM C67/C67M | (2018) Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile |
| ASTM C70 | (2013) Standard Test Method for Surface Moisture in Fine Aggregate |
| ASTM C73 | (2017) Standard Specification for Calcium Silicate Brick (Sand-Lime Brick) |

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| ASTM C76 | (2019) Standard Specification for Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe |
| ASTM C76M | (2019) Standard Specification for Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe (Metric) |
| ASTM C78/C78M | (2018) Standard Test Method for Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading) |
| ASTM C87/C87M | (2017) Standard Test Method for Effect of Organic Impurities in Fine Aggregate on Strength of Mortar |
| ASTM C88 | (2018) Standard Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate |
| ASTM C90 | (2016) Standard Specification for Loadbearing Concrete Masonry Units |
| ASTM C91/C91M | (2018) Standard Specification for Masonry Cement |
| ASTM C94/C94M | (2018) Standard Specification for Ready-Mixed Concrete |
| ASTM C97/C97M | (2015) Absorption and Bulk Specific Gravity of Dimension Stone |
| ASTM C109/C109M | (2016a) Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or (50-mm) Cube Specimens) |
| ASTM C110 | (2015; E 2016) Standard Test Methods for Physical Testing of Quicklime, Hydrated Lime, and Limestone |
| ASTM C114 | (2015) Standard Test Methods for Chemical Analysis of Hydraulic Cement |
| ASTM C115/C115M | (2010; E 2013) Standard Test Method for Fineness of Portland Cement by the Turbidimeter |
| ASTM C117 | (2017) Standard Test Method for Materials Finer than 75-um (No. 200) Sieve in Mineral Aggregates by Washing |
| ASTM C123 | (2014) Standard Test Method for Lightweight Particles in Aggregate |
| ASTM C123/C123M | (2014) Standard Test Method for Lightweight Particles in Aggregate |
| ASTM C126 | (2018) Standard Specification for Ceramic Glazed Structural Clay Facing Tile, Facing Brick, and Solid Masonry Units |
| ASTM C127 | (2015) Standard Test Method for Density, Relative |

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| | Density (Specific Gravity), and Absorption of Coarse Aggregate |
| ASTM C128 | (2015) Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Fine Aggregate |
| ASTM C129 | (2017) Standard Specification for Nonloadbearing Concrete Masonry Units |
| ASTM C131/C131M | (2014) Standard Test Method for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine |
| ASTM C136/C136M | (2014) Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates |
| ASTM C138/C138M | (2017a) Standard Test Method for Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete |
| ASTM C139 | (2017) Standard Specification for Concrete Masonry Units for Construction of Catch Basins and Manholes |
| ASTM C140/C140M | (2018a) Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units |
| ASTM C142/C142M | (2017) Standard Test Method for Clay Lumps and Friable Particles in Aggregates |
| ASTM C143/C143M | (2015) Standard Test Method for Slump of Hydraulic-Cement Concrete |
| ASTM C144 | (2018) Standard Specification for Aggregate for Masonry Mortar |
| ASTM C150/C150M | (2018) Standard Specification for Portland Cement |
| ASTM C151/C151M | (2018) Standard Test Method for Autoclave Expansion of Hydraulic Cement |
| ASTM C155 | (1997; R 2013) Standard Specification for Insulating Firebrick |
| ASTM C157/C157M | (2017) Standard Test Method for Length Change of Hardened Hydraulic-Cement Mortar and Concrete |
| ASTM C158 | (2002; R 2017) Standard Test Methods for Strength of Glass by Flexure (Determination of Modulus of Rupture) |
| ASTM C159 | (2006; R 2011) Standard Specification for Vitrified Clay Filter Blocks |
| ASTM C165 | (2007; R 2017) Standard Test Method for Measuring Compressive Properties of Thermal Insulations |

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| ASTM C170/C170M | (2017) Standard Test Method for Compressive Strength of Dimension Stone |
| ASTM C171 | (2016) Standard Specification for Sheet Materials for Curing Concrete |
| ASTM C172 | (2010) Standard Practice for Sampling Freshly Mixed Concrete |
| ASTM C172/C172M | (2017) Standard Practice for Sampling Freshly Mixed Concrete |
| ASTM C173/C173M | (2016) Standard Test Method for Air Content of Freshly Mixed Concrete by the Volumetric Method |
| ASTM C174/C174M | (2017) Standard Test Method for Measuring Thickness of Concrete Elements Using Drilled Concrete Cores |
| ASTM C177 | (2019) Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded-Hot-Plate Apparatus |
| ASTM C183/C183M | (2015) Standard Practice for Sampling and the Amount of Testing of Hydraulic Cement |
| ASTM C185 | (2015) Standard Test Method for Air Content of Hydraulic Cement Mortar |
| ASTM C191 | (2013) Standard Test Method for Time of Setting Hydraulic Cement by Vicat Needle |
| ASTM C192/C192M | (2018) Standard Practice for Making and Curing Concrete Test Specimens in the Laboratory |
| ASTM C195 | (2007; R 2013) Standard Specification for Mineral Fiber Thermal Insulating Cement |
| ASTM C196 | (2000; R 2016) Standard Specification for Expanded or Exfoliated Vermiculite Thermal Insulating Cement |
| ASTM C203 | (2005; R 2012) Breaking Load and Flexural Properties of Block-Type Thermal Insulation |
| ASTM C204 | (2017) Standard Test Methods for Fineness of Hydraulic Cement by Air Permeability Apparatus |
| ASTM C206 | (2014) Standard Specification for Finishing Hydrated Lime |
| ASTM C207 | (2018) Standard Specification for Hydrated Lime for Masonry Purposes |
| ASTM C208 | (2012; R 2017; E 2017; E 2019) Standard Specification for Cellulosic Fiber Insulating Board |
| ASTM C216 | (2017) Standard Specification for Facing Brick |

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| | (Solid Masonry Units Made from Clay or Shale) |
| ASTM C220 | (1991; R 2015) Standard Specification for Flat Asbestos-Cement Sheets |
| ASTM C231/C231M | (2017a) Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method |
| ASTM C232/C232M | (2014) Standard Test Methods for Bleeding of Concrete |
| ASTM C233/C233M | (2018) Standard Test Method for Air-Entraining Admixtures for Concrete |
| ASTM C241/C241M | (2015) Standard Specification for Abrasion Resistance of Stone Subjected to Foot Traffic |
| ASTM C260/C260M | (2010a; R 2016) Standard Specification for Air-Entraining Admixtures for Concrete |
| ASTM C266 | (2015) Standard Test Method for Time of Setting of Hydraulic-Cement Paste by Gillmore Needles |
| ASTM C267 | (2001; R 2012) Chemical Resistance of Mortars, Grouts, and Monolithic Surfacing and Polymer Concretes |
| ASTM C270 | (2019) Standard Specification for Mortar for Unit Masonry |
| ASTM C272/C272M | (2016) Standard Test Method for Water Absorption of Core Materials for Sandwich Constructions |
| ASTM C273/C273M | (2019) Standard Test Method for Shear Properties of Sandwich Core Materials |
| ASTM C286 | (1999; R 2017) Standard Terminology Relating to Porcelain Enamel and Ceramic-Metal Systems |
| ASTM C294 | (2012; R 2017) Standard Descriptive Nomenclature for Constituents of Concrete Aggregates |
| ASTM C295/C295M | (2019) Standard Guide for Petrographic Examination of Aggregates for Concrete |
| ASTM C297/C297M | (2016) Flatwise Tensile Strength of Sandwich Constructions |
| ASTM C307 | (2018) Standard Test Method for Tensile Strength of Chemical-Resistant Mortar, Grouts, and Monolithic Surfacing |
| ASTM C309 | (2011) Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete |
| ASTM C311/C311M | (2018) Standard Test Methods for Sampling and Testing Fly Ash or Natural Pozzolans for Use in |

Portland-Cement Concrete

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| ASTM C315 | (2007; R 2011) Clay Flue Linings |
| ASTM C330 | (2014) Standard Specification for Lightweight Aggregates for Structural Concrete |
| ASTM C330/C330M | (2017a) Standard Specification for Lightweight Aggregates for Structural Concrete |
| ASTM C332 | (2017) Standard Specification for Lightweight Aggregates for Insulating Concrete |
| ASTM C338 | (1993; R 2013) Standard Test Method Softening Point of Glass |
| ASTM C361 | (2016) Standard Specification for Reinforced Concrete Low-Head Pressure Pipe |
| ASTM C361M | (2016) Standard Specification for Reinforced Concrete Low-Head Pressure Pipe (Metric) |
| ASTM C373 | (2018) Standard Test Methods for Determination of Water Absorption and Associated Properties by Vacuum Method for Pressed Ceramic Tiles and Glass Tiles and Boil Method for Extruded Ceramic Tiles and Non-tile Fired Ceramic Whiteware Products |
| ASTM C387/C387M | (2017) Standard Specification for Packaged, Dry, Combined Materials for Concrete and High Strength Mortar |
| ASTM C395 | (2001; R 2012) Chemical-Resistant Resin Mortars |
| ASTM C401 | (2012) Alumina and Alumina-Silicate Castable Refractories |
| ASTM C403/C403M | (2008) Standard Test Method for Time of Setting of Concrete Mixtures by Penetration Resistance |
| ASTM C404 | (2018) Standard Specification for Aggregates for Masonry Grout |
| ASTM C406/C406M | (2015) Standard Specification for Roofing Slate |
| ASTM C412 | (2011) Concrete Drain Tile |
| ASTM C412M | (2011) Concrete Drain Tile (Metric) |
| ASTM C413 | (2018) Standard Test Method for Absorption of Chemical-Resistant Mortars, Grouts, and Monolithic Surfacing and Polymer Concretes |
| ASTM C423 | (2009a) Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method |
| ASTM C425 | (2004; R 2013) Standard Specification for |

Compression Joints for Vitrified Clay Pipe and Fittings

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| ASTM C441/C441M | (2017) Standard Test Method for Effectiveness of Pozzolans or Ground Blast-Furnace Slag in Preventing Excessive Expansion of Concrete Due to the Alkali-Silica Reaction |
| ASTM C443 | (2012; R 2017) Standard Specification for Joints for Concrete Pipe and Manholes, Using Rubber Gaskets |
| ASTM C443M | (2012; R 2017) Standard Specification for Joints for Concrete Pipe and Manholes, Using Rubber Gaskets (Metric) |
| ASTM C444 | (2017) Standard Specification for Perforated Concrete Pipe |
| ASTM C444M | (2017) Standard Specification for Perforated Concrete Pipe (Metric) |
| ASTM C449 | (2007; R 2013) Standard Specification for Mineral Fiber Hydraulic-Setting Thermal Insulating and Finishing Cement |
| ASTM C450 | (2008) Standard Practice for Fabrication of Thermal Insulating Fitting Covers for NPS Piping, and Vessel Lagging |
| ASTM C451 | (2013) Standard Test Method for Early Stiffening of Hydraulic Cement (Paste Method) |
| ASTM C457/C457M | (2016) Standard Test Method for Microscopical Determination of Parameters of the Air-Void System in Hardened Concrete |
| ASTM C469/C469M | (2014) Static Modulus of Elasticity and Poisson's Ratio of Concrete in Compression |
| ASTM C472 | (1999; R 2014) Physical Testing of Gypsum, Gypsum Plasters and Gypsum Concrete |
| ASTM C473 | (2019) Standard Test Methods for Physical Testing of Gypsum Panel Products |
| ASTM C475/C475M | (2017) Standard Specification for Joint Compound and Joint Tape for Finishing Gypsum Board |
| ASTM C476 | (2018) Standard Specification for Grout for Masonry |
| ASTM C478 | (2018) Standard Specification for Circular Precast Reinforced Concrete Manhole Sections |
| ASTM C478M | (2018) Standard Specification for Precast Reinforced Concrete Manhole Sections (Metric) |
| ASTM C481 | (1999; R 2011) Standard Test Method Laboratory |

Aging of Sandwich Constructions

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| ASTM C494/C494M | (2017) Standard Specification for Chemical Admixtures for Concrete |
| ASTM C495/C495M | (2012) Standard Test Method for Compressive Strength of Lightweight Insulating Concrete |
| ASTM C496/C496M | (2017) Standard Test Method for Splitting Tensile Strength of Cylindrical Concrete Specimens |
| ASTM C497 | (2019a) Standard Test Methods for Concrete Pipe, Concrete Box Sections, Manhole Sections, or Tile |
| ASTM C497M | (2019a) Standard Test Methods for Concrete Pipe, Concrete Box Sections, Manhole Sections, or Tile (Metric) |
| ASTM C501 | (1984; R 2015) Relative Resistance to Wear of Unglazed Ceramic Tile by the Taber Abraser |
| ASTM C506 | (2016a) Standard Specification for Reinforced Concrete Arch Culvert, Storm Drain, and Sewer Pipe |
| ASTM C506M | (2016a) Standard Specification for Reinforced Concrete Arch Culvert, Storm Drain, and Sewer Pipe (Metric) |
| ASTM C507 | (2018) Standard Specification for Reinforced Concrete Elliptical Culvert, Storm Drain, and Sewer Pipe |
| ASTM C507M | (2016) Standard Specification for Reinforced Concrete Elliptical Culvert, Storm Drain, and Sewer Pipe (Metric) |
| ASTM C508/C508M | (2000; R 2015) Asbestos-Cement Underdrain Pipe |
| ASTM C509 | (2006; R 2015) Elastomeric Cellular Preformed Gasket and Sealing Material |
| ASTM C514 | (2004; R 2014) Standard Specification for Nails for the Application of Gypsum Board |
| ASTM C516 | (2008; R 2013; E 2014) Vermiculite Loose Fill Thermal Insulation |
| ASTM C518 | (2017) Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus |
| ASTM C531 | (2018) Standard Test Method for Linear Shrinkage and Coefficient of Thermal Expansion of Chemical-Resistant Mortars, Grouts, and Monolithic Surfacing, and Polymer Concretes |
| ASTM C533 | (2017) Standard Specification for Calcium Silicate |

Block and Pipe Thermal Insulation

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| ASTM C534/C534M | (2016) Standard Specification for Preformed Flexible Elastomeric Cellular Thermal Insulation in Sheet and Tubular Form |
| ASTM C535 | (2016) Standard Test Method for Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine |
| ASTM C542 | (2005; R 2017) Standard Specification for Lock-Strip Gaskets |
| ASTM C547 | (2019) Standard Specification for Mineral Fiber Pipe Insulation |
| ASTM C549 | (2018) Standard Specification for Perlite Loose Fill Insulation |
| ASTM C552 | (2017; E 2018) Standard Specification for Cellular Glass Thermal Insulation |
| ASTM C553 | (2013; R 2019) Standard Specification for Mineral Fiber Blanket Thermal Insulation for Commercial and Industrial Applications |
| ASTM C557 | (2003; R 2017) Standard Specification for Adhesives for Fastening Gypsum Wallboard to Wood Framing |
| ASTM C564 | (2014) Standard Specification for Rubber Gaskets for Cast Iron Soil Pipe and Fittings |
| ASTM C566 | (2013) Standard Test Method for Total Evaporable Moisture Content of Aggregate by Drying |
| ASTM C567/C567M | (2014) Determining Density of Structural Lightweight Concrete |
| ASTM C578 | (2018) Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation |
| ASTM C579 | (2018) Standard Test Methods for Compressive Strength of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes |
| ASTM C580 | (2018) Standard Test Method for Flexural Strength and Modulus of Elasticity of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes |
| ASTM C581 | (2015) Standard Practice for Determining Chemical Resistance of Thermosetting Resins Used in Glass-Fiber-Reinforced Structures, Intended for Liquid Service |
| ASTM C582 | (2009) Contact-Molded Reinforced Thermosetting Plastic (RTP) Laminates for Corrosion-Resistant |

Equipment

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| ASTM C585 | (2010) Standard Practice for Inner and Outer Diameters of Thermal Insulation for Nominal Sizes of Pipe and Tubing |
| ASTM C586 | (2011) Standard Test Method for Potential Alkali Reactivity of Carbonate Rocks as Concrete Aggregates (Rock-Cylinder Method) |
| ASTM C587 | (2004; R 2014) Gypsum Veneer Plaster |
| ASTM C591 | (2019a) Standard Specification for Unfaced Preformed Rigid Cellular Polyisocyanurate Thermal Insulation |
| ASTM C592 | (2016) Standard Specification for Mineral Fiber Blanket Insulation and Blanket-Type Pipe Insulation (Metal-Mesh Covered) (Industrial Type) |
| ASTM C595/C595M | (2018) Standard Specification for Blended Hydraulic Cements |
| ASTM C600 | (1985; R 2010) Thermal Shock Test on Glass Pipe |
| ASTM C602 | (2013a) Agricultural Liming Materials |
| ASTM C603 | (2014; R 2019) Standard Test Method for Extrusion Rate and Application Life of Elastomeric Sealants |
| ASTM C610 | (2015) Standard Specification for Molded Expanded Perlite Block and Pipe Thermal Insulation |
| ASTM C612 | (2014; R 2019) Mineral Fiber Block and Board Thermal Insulation |
| ASTM C616/C615M | (2011) Standard Specification for Granite Dimension Stone |
| ASTM C616/C616M | (2010) Standard Specification for Quartz-Based Dimension Stone |
| ASTM C617/C617M | (2015) Standard Practice for Capping Cylindrical Concrete Specimens |
| ASTM C618 | (2019) Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete |
| ASTM C631 | (2009; R 2014) Bonding Compounds for Interior Gypsum Plastering |
| ASTM C633 | (2013; R 2017) Standard Test Method for Adhesion or Cohesion Strength of Thermal Spray Coatings |
| ASTM C635/C635M | (2017) Standard Specification for Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and Lay-In Panel |

Ceilings

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| ASTM C636/C636M | (2013) Standard Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-In Panels |
| ASTM C639 | (2001; R 2011) Rheological (Flow) Properties of Elastomeric Sealants |
| ASTM C641 | (2017) Standard Test Method for Iron Staining Materials in Lightweight Concrete Aggregates |
| ASTM C642 | (2013) Density, Absorption, and Voids in Hardened Concrete |
| ASTM C645 | (2014; E 2015) Nonstructural Steel Framing Members |
| ASTM C647 | (2008; R 2013) Properties and Tests of Mastics and Coating Finishes for Thermal Insulation |
| ASTM C648 | (2004; R 2009) Breaking Strength of Ceramic Tile |
| ASTM C650 | (2004; R 2014) Standard Test Method for Resistance of Ceramic Tile to Chemical Substances |
| ASTM C652 | (2017a) Standard Specification for Hollow Brick (Hollow Masonry Units Made from Clay or Shale) |
| ASTM C654 | (2011) Porous Concrete Pipe |
| ASTM C654M | (2011) Porous Concrete Pipe (Metric) |
| ASTM C655 | (2014) Reinforced Concrete D-Load Culvert, Storm Drain, and Sewer Pipe |
| ASTM C658 | (1998; R 2012) Chemical-Resistant Resin Grouts for Brick or Tile |
| ASTM C661 | (2015) Indentation Hardness of Elastomeric-Type Sealants by Means of a Durometer |
| ASTM C665 | (2017) Standard Specification for Mineral-Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing |
| ASTM C666/C666M | (2015) Resistance of Concrete to Rapid Freezing and Thawing |
| ASTM C672/C672M | (2012) Scaling Resistance of Concrete Surfaces Exposed to Deicing Chemicals |
| ASTM C679 | (2003; E 2009; R 2009) Tack-Free Time of Elastomeric Sealants |
| ASTM C684 | (1999; R 2003) Making, Accelerated Curing, and Testing Concrete Compression Test Specimens |

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| ASTM C685/C685M | (2017) Standard Specification for Concrete Made by Volumetric Batching and Continuous Mixing |
| ASTM C700 | (2013) Standard Specification for Vitrified Clay Pipe, Extra Strength, Standard Strength, and Perforated |
| ASTM C702/C702M | (2018) Standard Practice for Reducing Samples of Aggregate to Testing Size |
| ASTM C719 | (2014; R 2019) Standard Test Method for Adhesion and Cohesion of Elastomeric Joint Sealants Under Cyclic Movement (Hockman Cycle) |
| ASTM C722 | (2018) Standard Specification for Chemical-Resistant Resin Monolithic Floor Surfacing |
| ASTM C726 | (2017) Standard Specification for Mineral Wool Roof Insulation Board |
| ASTM C728 | (2017a) Standard Specification for Perlite Thermal Insulation Board |
| ASTM C732 | (2006; R 2012) Aging Effects of Artificial Weathering on Latex Sealants |
| ASTM C734 | (2015; R 2019) Low-Temperature Flexibility of Latex Sealants After Artificial Weathering |
| ASTM C739 | (2017) Standard Specification for Cellulosic Fiber Loose-Fill Thermal Insulation |
| ASTM C744 | (2016) Prefaced Concrete and Calcium Silicate Masonry Units |
| ASTM C754 | (2018) Standard Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products |
| ASTM C764 | (2017) Standard Specification for Mineral Fiber Loose-Fill Thermal Insulation |
| ASTM C779/C779M | (2012) Abrasion Resistance of Horizontal Concrete Surfaces |
| ASTM C780 | (2017) Standard Test Method for Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry |
| ASTM C792 | (2004; R 2008) Effects of Heat Aging on Weight Loss, Cracking, and Chalking of Elastomeric Sealants |
| ASTM C793 | (2005; R 2017) Standard Test Method for Effects of Laboratory Accelerated Weathering on Elastomeric Joint Sealants |
| ASTM C795 | (2008; R 2018) Standard Specification for Thermal |

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| | Insulation for Use in Contact with Austenitic Stainless Steel |
| ASTM C796/C796M | (2012) Standard Test Method for Foaming Agents for Use in Producing Cellular Concrete Using Preformed Foam |
| ASTM C803/C803M | (2018) Standard Test Method for Penetration Resistance of Hardened Concrete |
| ASTM C805/C805M | (2018) Standard Test Method for Rebound Number of Hardened Concrete |
| ASTM C827/C827M | (2016) Standard Test Method for Change in Height at Early Ages of Cylindrical Specimens of Cementitious Mixtures |
| ASTM C828 | (2011) Low-Pressure Air Test of Vitrified Clay Pipe Lines |
| ASTM C834 | (2017) Standard Specification for Latex Sealants |
| ASTM C836/C836M | (2015) High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use With Separate Wearing Course |
| ASTM C840 | (2019b) Standard Specification for Application and Finishing of Gypsum Board |
| ASTM C841 | (2003; R 2013) Installation of Interior Lathing and Furring |
| ASTM C842 | (2005; E 2010; R 2010) Application of Interior Gypsum Plaster |
| ASTM C843 | (2017) Standard Specification for Application of Gypsum Veneer Plaster |
| ASTM C844 | (2015) Application of Gypsum Base to Receive Gypsum Veneer Plaster |
| ASTM C845/C845M | (2018) Standard Specification for Expansive Hydraulic Cement |
| ASTM C847 | (2014a) Standard Specification for Metal Lath |
| ASTM C856 | (2018a) Standard Practice for Petrographic Examination of Hardened Concrete |
| ASTM C857 | (2016) Standard Practice for Minimum Structural Design Loading for Underground Precast Concrete Utility Structures |
| ASTM C858 | (2010; E 2012) Standard Specification for Underground Precast Concrete Utility Structures |
| ASTM C864 | (2005; R 2015) Dense Elastomeric Compression Seal |

Gaskets, Setting Blocks, and Spacers

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| ASTM C869/C869M | (2011; R 2016) Standard Specification for Foaming Agents Used in Making Preformed Foam for Cellular Concrete |
| ASTM C873/C873M | (2015) Standard Test Method for Compressive Strength of Concrete Cylinders Cast in Place in Cylindrical Molds |
| ASTM C876 | (2015) Standard Test Method for Corrosion Potentials of Uncoated Reinforcing Steel in Concrete |
| ASTM C877 | (2008) External Sealing Bands for Concrete Pipe, Manholes, and Precast Box Sections |
| ASTM C877M | (2002; R 2009) External Sealing Bands for Concrete Pipe, Manholes, and Precast Box Sections (Metric) |
| ASTM C881/C881M | (2015) Standard Specification for Epoxy-Resin-Base Bonding Systems for Concrete |
| ASTM C882/C882M | (2013a) Bond Strength of Epoxy-Resin Systems Used with Concrete by Slant Shear |
| ASTM C884/C884M | (2016) Standard Test Method for Thermal Compatibility between Concrete and Epoxy-Resin Overlay |
| ASTM C891 | (2011) Installation of Underground Precast Concrete Utility Structures |
| ASTM C897 | (2015) Aggregate for Job-Mixed Portland Cement-Based Plasters |
| ASTM C900 | (2015) Standard Test Method for Pullout Strength of Hardened Concrete |
| ASTM C916 | (2014) Standard Specification for Adhesives for Duct Thermal Insulation |
| ASTM C919 | (2012; R 2017) Standard Practice for Use of Sealants in Acoustical Applications |
| ASTM C920 | (2018) Standard Specification for Elastomeric Joint Sealants |
| ASTM C921 | (2010) Standard Practice for Determining the Properties of Jacketing Materials for Thermal Insulation |
| ASTM C923 | (2008; R 2013; E 2016) Standard Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures, Pipes and Laterals |
| ASTM C923M | (2008b; R 2013) Standard Specification for Resilient Connectors Between Reinforced Concrete |

Manhole Structures, Pipes and Laterals (Metric)

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| ASTM C926 | (2019a; E 2019) Standard Specification for Application of Portland Cement-Based Plaster |
| ASTM C928/C928M | (2013) Packaged, Dry, Rapid-Hardening Cementitious Materials for Concrete Repairs |
| ASTM C930 | (2019) Standard Classification of Potential Health and Safety Concerns Associated with Thermal Insulation Materials and Accessories |
| ASTM C933 | (2014) Welded Wire Lath |
| ASTM C936/C936M | (2016) Standard Specification for Solid Concrete Interlocking Paving Units |
| ASTM C937 | (2016) Grout Fluidifier for Preplaced-Aggregate Concrete |
| ASTM C938 | (2016) Standard Practice for Proportioning Grout Mixtures for Preplaced-Aggregate Concrete |
| ASTM C939/C939M | (2016a) Standard Test Method for Flow of Grout for Preplaced-Aggregate Concrete (Flow Cone Method) |
| ASTM C940 | (2016) Standard Test Method for Expansion and Bleeding of Freshly Mixed Grouts for Preplaced-Aggregate Concrete in the Laboratory |
| ASTM C942 | (2010) Compressive Strength of Grouts for Preplaced-Aggregate Concrete in the Laboratory |
| ASTM C943 | (2017) Standard Practice for Making Test Cylinders and Prisms for Determining Strength and Density of Preplaced-Aggregate Concrete in the Laboratory |
| ASTM C944/C944M | (2019) Standard Test Method for Abrasion Resistance of Concrete or Mortar Surfaces by the Rotating-Cutter Method |
| ASTM C953 | (2017) Standard Test Method for Time of Setting of Grouts for Preplaced-Aggregate Concrete in the Laboratory |
| ASTM C954 | (2018) Standard Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs from 0.033 in. (0.84 mm) to 0.112 in. (2.84 mm) in Thickness |
| ASTM C955 | (2017) Standard Specification for Cold-Formed Steel Structural Framing Members |
| ASTM C969 | (2019) Standard Practice for Infiltration and Exfiltration Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines |

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| ASTM C969M | (2019) Standard Practice for Infiltration and Exfiltration Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines (Metric) |
| ASTM C972 | (2000; R 2011) Compression-Recovery of Tape Sealant |
| ASTM C977 | (2010) Quicklime and Hydrated Lime for Soil Stabilization |
| ASTM C979/C979M | (2016) Standard Specification for Pigments for Integrally Colored Concrete |
| ASTM C989/C989M | (2018a) Standard Specification for Slag Cement for Use in Concrete and Mortars |
| ASTM C990 | (2009; R 2014) Standard Specification for Joints for Concrete Pipe, Manholes and Precast Box Sections Using Preformed Flexible Joint Sealants |
| ASTM C990M | (2009; R 2014) Standard Specification for Joints for Concrete Pipe, Manholes and Precast Box Sections Using Preformed Flexible Joint Sealants (Metric) |
| ASTM C991 | (2016) Flexible Glass Fiber Insulation for Metal Buildings |
| ASTM C1002 | (2018) Standard Specification for Steel Self-Piercing Tapping Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs |
| ASTM C1007 | (2011a) Standard Specification for Installation of Load Bearing (Transverse and Axial) Steel Studs and Related Accessories |
| ASTM C1012/C1012M | (2018b) Standard Test Method for Length Change of Hydraulic-Cement Mortars Exposed to a Sulfate Solution |
| ASTM C1015 | (2017) Standard Practice for Installation of Cellulosic and Mineral Fiber Loose-Fill Thermal Insulation |
| ASTM C1016 | (2014) Standard Test Method for Determination of Water Absorption of Sealant Backing (Joint Filler) Material |
| ASTM C1017/C1017M | (2013; E 2015) Standard Specification for Chemical Admixtures for Use in Producing Flowing Concrete |
| ASTM C1019 | (2018; E 2019) Standard Test Method for Sampling and Testing Grout |
| ASTM C1021 | (2008; R 2014) Standard Practice for Laboratories Engaged in Testing of Building Sealants |

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| ASTM C1026 | (2013; R 2018) Standard Test Method for Measuring the Resistance of Ceramic and Glass Tile to Freeze-Thaw Cycling |
| ASTM C1027 | (2009; R 2017) Standard Test Method for Determining Visible Abrasion Resistance of Glazed Ceramic Tile |
| ASTM C1029 | (2015) Standard Specification for Spray-Applied Rigid Cellular Polyurethane Thermal Insulation |
| ASTM C1032 | (2014) Standard Specification for Woven Wire Plaster Base |
| ASTM C1036 | (2016) Standard Specification for Flat Glass |
| ASTM C1040/C1040M | (2016) Standard Test Methods for In-Place Density of Unhardened and Hardened Concrete, Including Roller Compacted Concrete, by Nuclear Methods |
| ASTM C1047 | (2019) Standard Specification for Accessories for Gypsum Wallboard and Gypsum Veneer Base |
| ASTM C1048 | (2018) Standard Specification for Heat-Strengthened and Fully Tempered Flat Glass |
| ASTM C1053 | (2000; R 2010) Standard Specification for Borosilicate Glass Pipe and Fittings for Drain, Waste, and Vent (DWV) Applications |
| ASTM C1059/C1059M | (2013) Standard Specification for Latex Agents for Bonding Fresh to Hardened Concrete |
| ASTM C1060 | (2015) Standard Practice for Thermographic Inspection of Insulation Installations in Envelope Cavities of Frame Buildings |
| ASTM C1063 | (2019a) Standard Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster |
| ASTM C1064/C1064M | (2017) Standard Test Method for Temperature of Freshly Mixed Hydraulic-Cement Concrete |
| ASTM C1071 | (2019) Standard Specification for Fibrous Glass Duct Lining Insulation (Thermal and Sound Absorbing Material) |
| ASTM C1074 | (2011) Standard Practice for Estimating Concrete Strength by the Maturity Method |
| ASTM C1077 | (2017) Standard Practice for Agencies Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Testing Agency Evaluation |
| ASTM C1087 | (2016) Standard Test Method for Determining Compatibility of Liquid-Applied Sealants with |

Accessories Used in Structural Glazing Systems

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| ASTM C1089 | (2013) Standard Specification for Spun Cast Prestressed Concrete Poles |
| ASTM C1091 | (2003a; R 2013) Standard Test Method for Hydrostatic Infiltration Testing of Vitrified Clay Pipe Lines |
| ASTM C1103 | (2019) Standard Practice for Joint Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines |
| ASTM C1103M | (2019) Standard Practice for Joint Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines (Metric) |
| ASTM C1107/C1107M | (2017) Standard Specification for Packaged Dry, Hydraulic-Cement Grout (Nonshrink) |
| ASTM C1116/C1116M | (2010a; R 2015) Standard Specification for Fiber-Reinforced Concrete |
| ASTM C1126 | (2018) Standard Specification for Faced or Unfaced Rigid Cellular Phenolic Thermal Insulation |
| ASTM C1135 | (2015) Standard Test Method for Determining Tensile Adhesion Properties of Structural Sealants |
| ASTM C1136 | (2017a) Standard Specification for Flexible, Low Permeance Vapor Retarders for Thermal Insulation |
| ASTM C1140/C1140M | (2011) Standard Practice for Preparing and Testing Specimens from Shotcrete Test Panels |
| ASTM C1141/C1141M | (2015) Standard Specification for Admixtures for Shotcrete |
| ASTM C1147 | (2014) Standard Practice for Determining the Short Term Tensile Weld Strength of Chemical-Resistant Thermoplastics |
| ASTM C1152/C1152M | (2004; E 2012; R 2012) Standard Test Method for Acid-Soluble Chloride in Mortar and Concrete |
| ASTM C1153 | (2010) Standard Practice for Location of Wet Insulation in Roofing Systems Using Infrared Imaging |
| ASTM C1157/C1157M | (2017) Standard Performance Specification for Hydraulic Cement |
| ASTM C1167 | (2011; R 2017) Standard Specification for Clay Roof Tiles |
| ASTM C1172 | (2019) Standard Specification for Laminated Architectural Flat Glass |

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| ASTM C1177/C1177M | (2017) Standard Specification for Glass Mat Gypsum Substrate for Use as Sheathing |
| ASTM C1178/C1178M | (2013) Standard Specification for Glass Mat Water-Resistant Gypsum Backing Panel |
| ASTM C1184 | (2014) Standard Specification for Structural Silicone Sealants |
| ASTM C1186 | (2008; R 2012) Standard Specification for Flat Non-Asbestos Fiber Cement Sheets |
| ASTM C1193 | (2013) Standard Guide for Use of Joint Sealants |
| ASTM C1196 | (2014) Standard Test Method for In Situ Compressive Stress Within Solid Unit Masonry Estimated Using Flatjack Measurements |
| ASTM C1197 | (2014) Standard Test Method for In Situ Measurement of Masonry Deformability Properties Using the Flatjack Method |
| ASTM C1202 | (2019) Standard Test Method for Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration |
| ASTM C1214 | (2013) Standard Test Method for Concrete Pipe Sewerlines by Negative Air Pressure (Vacuum) Test Method |
| ASTM C1214M | (2013) Standard Test Method for Concrete Pipe Sewerlines by Negative Air Pressure (Vacuum) Test Method (Metric) |
| ASTM C1218/C1218M | (2017) Standard Test Method for Water-Soluble Chloride in Mortar and Concrete |
| ASTM C1227 | (2013) Standard Specification for Precast Concrete Septic Tanks |
| ASTM C1231/C1231M | (2015) Standard Practice for Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders |
| ASTM C1240 | (2014) Standard Specification for Silica Fume Used in Cementitious Mixtures |
| ASTM C1244 | (2011; R 2017) Standard Test Method for Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test Prior to Backfill |
| ASTM C1244M | (2011; R 2017) Standard Test Method for Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test Prior to Backfill (Metric) |
| ASTM C1260 | (2014) Standard Test Method for Potential Alkali Reactivity of Aggregates (Mortar-Bar Method) |

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| ASTM C1262/C1262M | (2018) Standard Test Method for Evaluating the Freeze-Thaw Durability of Dry-Cast Segmental Retaining Wall Units and Related Concrete Units |
| ASTM C1278/C1278M | (2017) Standard Specification for Fiber-Reinforced Gypsum Panel |
| ASTM C1281 | (2016) Standard Specification for Preformed Tape Sealants for Glazing Applications |
| ASTM C1289 | (2018a) Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board |
| ASTM C1293 | (2008; R 2015) Standard Test Method for Determination of Length Change of Concrete Due to Alkali-Silica Reaction |
| ASTM C1303/C1303M | (2015) Standard Test Method for Predicting Long-Term Thermal Resistance of Closed-Cell Foam Insulation |
| ASTM C1305 | (2008) Standard Test Method for Crack Bridging Ability of Liquid-Applied Waterproofing Membrane |
| ASTM C1311 | (2014) Standard Specification for Solvent Release Agents |
| ASTM C1314 | (2014) Standard Test Method for Compressive Strength of Masonry Prisms |
| ASTM C1315 | (2011) Standard Specification for Liquid Membrane-Forming Compounds Having Special Properties for Curing and Sealing Concrete |
| ASTM C1324 | (2015) Standard Test Method for Examination and Analysis of Hardened Masonry Mortar |
| ASTM C1325 | (2017a) Standard Specification for Non-Asbestos Fiber-Mat Reinforced Cementitious Backer Units |
| ASTM C1330 | (2002; R 2013) Standard Specification for Cylindrical Sealant Backing for Use with Cold Liquid-Applied Sealants |
| ASTM C1338 | (2014) Standard Test Method for Determining Fungi Resistance of Insulation Materials and Facings |
| ASTM C1363 | (2011) Standard Test Method for Thermal Performance of Building Materials and Envelope Assemblies by Means of a Hot Box Apparatus |
| ASTM C1364 | (2018) Standard Specification for Architectural Cast Stone |
| ASTM C1372 | (2017) Standard Specification for Dry-Cast Segmental Retaining Wall Units |

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| ASTM C1376 | (2015) Standard Specification for Pyrolytic and Vacuum Deposition Coatings on Flat Glass |
| ASTM C1384 | (2012a) Standard Specification for Admixtures for Masonry Mortars |
| ASTM C1385/C1385M | (2010; R 2017) Standard Practice for Sampling Materials for Shotcrete |
| ASTM C1396/C1396M | (2017) Standard Specification for Gypsum Board |
| ASTM C1399/C1399M | (2010; R 2015) Standard Test Method for Obtaining Average Residual-Strength of Fiber-Reinforced Concrete |
| ASTM C1401 | (2014) Standard Guide for Structural Sealant Glazing |
| ASTM C1405 | (2015) Standard Specification for Glazed Brick (Single Fired, Brick Units) |
| ASTM C1433 | (2016b) Standard Specification for Precast Reinforced Concrete Monolithic Box Sections for Culverts, Storm Drains, and Sewers |
| ASTM C1433M | (2018) Standard Specification for Precast Reinforced Concrete Monolithic Box Sections for Culverts, Storm Drains, and Sewers (Metric) |
| ASTM C1435/C1435M | (2014) Standard Practice for Molding Roller-Compacted Concrete in Cylinder Molds Using a Vibrating Hammer |
| ASTM C1436 | (2013) Standard Specification for Materials for Shotcrete |
| ASTM C1438 | (2013; R 2017) Standard Specification for Latex and Powder Polymer Modifiers for use in Hydraulic Cement Concrete and Mortar |
| ASTM C1452 | (2000; R 2006) Standard Specification for Reinforced Autoclaved Aerated Concrete Elements |
| ASTM C1478 | (2019) Standard Specification for Storm Drain Resilient Connectors Between Reinforced Concrete Storm Sewer Structures, Pipes and Laterals |
| ASTM C1478M | (2019) Standard Specification for Storm Drain Resilient Connectors Between Reinforced Concrete Storm Sewer Structures, Pipes and Laterals (Metric) |
| ASTM C1480/C1480M | (2007; R 2012) Standard Specification for Packaged, Pre-Blended, Dry, Combined Materials for Use in Wet or Dry Shotcrete Application |
| ASTM C1489 | (2015) Standard Specification for Lime Putty for Structural Purposes |

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| ASTM C1513 | (2018) Standard Specification for Steel Tapping Screws for Cold-Formed Steel Framing Connections |
| ASTM C1521 | (2013) Standard Practice for Evaluating Adhesion of Installed Weatherproofing Sealant Joints |
| ASTM C1531 | (2015) Standard Test Methods for In Situ Measurement of Masonry Mortar Joint Shear Strength Index |
| ASTM C1549 | (2016) Standard Test Method for Determination of Solar Reflectance Near Ambient Temperature Using a Portable Solar Reflectometer |
| ASTM C1550 | (2012) Standard Test Method for Flexural Toughness of Fiber Reinforced Concrete (Using Centrally Loaded Round Panel) |
| ASTM C1567 | (2013) Standard Test Method for Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method) |
| ASTM C1580 | (2015) Standard Test Method for Water-Soluble Sulfate in Soil |
| ASTM C1581/C1581M | (2018) Standard Test Method for Determining Age at Cracking and Induced Tensile Stress Characteristics of Mortar and Concrete under Restrained Shrinkage |
| ASTM C1583/C1583M | (2013) Standard Test Method for Tensile Strength of Concrete Surfaces and the Bond Strength or Tensile Strength of Concrete Repair and Overlay Materials by Direct Tension (Pull-off Method) |
| ASTM C1585 | (2013) Standard Test Method for Measurement of Rate of Absorption of Water by Hydraulic-Cement Concretes |
| ASTM C1600/C1600M | (2017) Standard Specification for Rapid Hardening Hydraulic Cement |
| ASTM C1601 | (2014) Standard Test Method for Field Measurement of Water Penetration of Masonry Wall Surfaces |
| ASTM C1602/C1602M | (2018) Standard Specification for Mixing Water Used in Production of Hydraulic Cement Concrete |
| ASTM C1604/C1604M | (2005; R 2012) Standard Test Method for Obtaining and Testing Drilled Cores of Shotcrete |
| ASTM C1609/C1609M | (2012) Standard Test Method for Flexural Performance of Fiber-Reinforced Concrete (Using Beam with Third-Point Loading) |
| ASTM C1610/C1610M | (2017) Standard Test Method for Static Segregation of Self-Consolidating Concrete Using Column Technique |

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| ASTM C1611/C1611M | (2014) Standard Test Method for Slump Flow of Self-Consolidating Concrete |
| ASTM C1621/C1621M | (2017) Standard Test Method for Passing Ability of Self-Consolidating Concrete by J-Ring |
| ASTM C1629/C1629M | (2018a) Standard Classification for Abuse-Resistant Nondecorated Interior Gypsum Panel Products and Fiber-Reinforced Cement Panels |
| ASTM C1634 | (2011) Standard Specification for Concrete Facing Brick |
| ASTM C1644 | (2006; R 2017) Standard Specification for Resilient Connectors Between Reinforced Concrete On-Site Wastewater Tanks and Pipes |
| ASTM C1645/C1645M | (2016) Standard Test Method for Freeze-thaw and De-icing Salt Durability of Solid Concrete Interlocking Paving Units |
| ASTM C1646/C1646M | (2016) Making and Curing Test Specimens for Evaluating Frost Resistance of Coarse Aggregate in Air-Entrained Concrete by Rapid Freezing and Thawing |
| ASTM C1660 | (2010) Standard Specification for Thin-bed Mortar for Autoclaved Aerated Concrete (AAC) Masonry |
| ASTM C1688/C1688M | (2014a) Standard Test Method For Density And Void Content Of Freshly Mixed Pervious Concrete |
| ASTM C1693 | (2011) Standard Specification for Autoclaved Aerated Concrete (AAC) |
| ASTM C1694 | (2009) Standard Specification for Reinforced Autoclaved Aerated Concrete (AAC) Elements |
| ASTM C1704/C1704M | (2016) Standard Test Method for Sampling and Testing Structural Cementitious Panels |
| ASTM C1705/C1705M | (2016) Standard Specification for Structural Cementitious Panels |
| ASTM C1710 | (2011) Standard Guide for Installation of Flexible Closed Cell Preformed Insulation in Tube and Sheet Form |
| ASTM C1713 | (2012) Standard Specification for Mortars for the Repair of Historic Masonry |
| ASTM C1766 | (2015; R2019) Standard Specification for Factory-Laminated Gypsum Panel Products |
| ASTM C1778 | (2016) Standard Guide for Reducing the Risk of Deleterious Alkali-Aggregate Reaction in Concrete |
| ASTM D5 | (2006; E 2006) Penetration of Bituminous Materials |

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| ASTM D13 | (2002) Standard Specification for Spirits of Turpentine |
| ASTM D25 | (2012; R 2017) Standard Specification for Round Timber Piles |
| ASTM D41/D41M | (2011; R 2016) Standard Specification for Asphalt Primer Used in Roofing, Dampproofing, and Waterproofing |
| ASTM D43/D43M | (2000; R 2012) Standard Specification for Coal Tar Primer Used in Roofing, Dampproofing, and Waterproofing |
| ASTM D56 | (2016a) Standard Test Method for Flash Point by Tag Closed Cup Tester |
| ASTM D70 | (2018a) Standard Test Method for Density of Semi-Solid Bituminous Materials (Pycnometer Method) |
| ASTM D75/D75M | (2019) Standard Practice for Sampling Aggregates |
| ASTM D92 | (2012a) Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester |
| ASTM D93 | (2019) Standard Test Methods for Flash-Point by Pensky-Martens Closed Cup Tester |
| ASTM D97 | (2017b) Standard Test Method for Pour Point of Petroleum Products |
| ASTM D98 | (2015) Calcium Chloride |
| ASTM D117 | (2018) Standard Guide for Sampling, Test Methods, and Specifications for Electrical Insulating Liquids |
| ASTM D123 | (2015b; R 2017) Standard Terminology Relating to Textiles |
| ASTM D130 | (2018) Standard Test Method for Corrosiveness to Copper from Petroleum Products by Copper Strip Test |
| ASTM D140/D140M | (2016) Standard Practice for Sampling Asphalt Materials |
| ASTM D146/D146M | (2004; E 2012; R 2012) Sampling and Testing Bitumen-Saturated Felts and Woven Fabrics for Roofing and Waterproofing |
| ASTM D149 | (2009; R 2013) Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials at Commercial Power Frequencies |
| ASTM D153 | (1984; R 2014) Specific Gravity of Pigments |
| ASTM D173/D173M | (2003; R 2011; E 2012) Bitumen-Saturated Cotton Fabrics Used in Roofing and Waterproofing |

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| ASTM D185 | (2007; R 2012) Standard Test for Coarse Particles in Pigments |
| ASTM D198 | (2015) Standard Test Methods of Static Tests of Lumber in Structural Sizes |
| ASTM D202 | (2008) Sampling and Testing Untreated Paper Used for Electrical Insulation |
| ASTM D217 | (2019b) Standard Test Methods for Cone Penetration of Lubricating Grease |
| ASTM D226/D226M | (2017) Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing |
| ASTM D227/D227M | (2003; R 2011; E 2012) Coal-Tar-Saturated Organic Felt Used in Roofing and Waterproofing |
| ASTM D229 | (2019) Standard Test Methods for Rigid Sheet and Plate Materials Used for Electrical Insulation |
| ASTM D235 | (2002; R 2012) Mineral Spirits (Petroleum Spirits) (Hydrocarbon Dry Cleaning Solvent) |
| ASTM D242/D242M | (2009; R 2014) Mineral Filler for Bituminous Paving Mixtures |
| ASTM D244 | (2009; R 2017) Standard Test Methods and Practices for Emulsified Asphalts |
| ASTM D256 | (2010; R 2018) Standard Test Methods for Determining the Izod Pendulum Impact Resistance of Plastics |
| ASTM D257 | (2014) Standard Test Methods for D-C Resistance or Conductance of Insulating Materials |
| ASTM D281 | (2012; R 2016) Standard Test Method for Oil Absorption of Pigments by Spatula Rub-Out |
| ASTM D297 | (2015) Rubber Products - Chemical Analysis |
| ASTM D312 | (2000; R 2006) Standard Specification for Asphalt Used in Roofing |
| ASTM D312/D312M | (2016a) Standard Specification for Asphalt Used in Roofing |
| ASTM D323 | (2015a) Vapor Pressure of Petroleum Products (Reid Method) |
| ASTM D374 | (1999; R 2004) Thickness of Solid Electrical Insulation |
| ASTM D374M | (2013) Standard Test Methods for Thickness of Solid Electrical Insulation (Metric) |

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| ASTM D395 | (2016; E 2017) Standard Test Methods for Rubber Property - Compression Set |
| ASTM D396 | (2018) Standard Specification for Fuel Oils |
| ASTM D402/D402M | (2014) Distillation of Cut-Back Asphaltic (Bituminous) Products |
| ASTM D412 | (2016) Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers - Tension |
| ASTM D413 | (1998; R 2017) Standard Test Methods for Rubber Property - Adhesion to Flexible Substrate |
| ASTM D420 | (1998; R 2003) Site Characterization for Engineering Design, and Construction Purposes |
| ASTM D422 | (1963; R 2007; E 2014; E 2014) Particle-Size Analysis of Soils |
| ASTM D429 | (2014) Rubber Property-Adhesion to Rigid Substrates |
| ASTM D430 | (2006; R 2012) Standard Test Methods for Rubber Deterioration - Dynamic Fatigue |
| ASTM D445 | (2018) Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (and Calculation of Dynamic Viscosity) |
| ASTM D448 | (2012; R 2017) Standard Classification for Sizes of Aggregate for Road and Bridge Construction |
| ASTM D449/D449M | (2003; R 2014; E 2014) Asphalt Used in Dampproofing and Waterproofing |
| ASTM D450/D450M | (2007; E 2013; R 2013) Coal-Tar Pitch Used in Roofing, Dampproofing, and Waterproofing |
| ASTM D470 | (2013) Crosslinked Insulations and Jackets for Wire and Cable |
| ASTM D471 | (2016a) Standard Test Method for Rubber Property - Effect of Liquids |
| ASTM D476 | (2015) Dry Pigmentary Titanium Dioxide Pigments |
| ASTM D490 | (1992; R 2016) Standard Specification for Road Tar |
| ASTM D495 | (1999; R 2004) Standard Test Method for High-Voltage, Low-Current, Dry Arc Resistance of Solid Electrical Insulation |
| ASTM D512 | (2012) Chloride Ion in Water |
| ASTM D516 | (2016) Standard Test Method for Sulfate Ion in Water |
| ASTM D517 | (1998; R 2008) Asphalt Plank |

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| ASTM D520 | (2000; R 2011) Zinc Dust Pigment |
| ASTM D522 | (1993a; R 2008) Mandrel Bend Test of Attached Organic Coatings |
| ASTM D522/D522M | (2014) Mandrel Bend Test of Attached Organic Coatings |
| ASTM D523 | (2014; R 2018) Standard Test Method for Specular Gloss |
| ASTM D542 | (2014) Index of Refraction of Transparent Organic Plastics |
| ASTM D543 | (2014) Standard Practices for Evaluating the Resistance of Plastics to Chemical Reagents |
| ASTM D558 | (2011) Moisture-Density (Unit Weight) Relations of Soil-Cement Mixtures |
| ASTM D559 | (2003) Wetting and Drying Compacted Soil-Cement Mixtures |
| ASTM D560 | (2003) Freezing and Thawing Compacted Soil-Cement Mixtures |
| ASTM D561 | (1982; R 2014) Carbon Black Pigment for Paint |
| ASTM D566 | (2017) Standard Test Method for Dropping Point of Lubricating Grease |
| ASTM D570 | (1998; E 2010; R 2010) Standard Test Method for Water Absorption of Plastics |
| ASTM D572 | (2004; R 2010) Rubber Deterioration by Heat and Oxygen |
| ASTM D573 | (2004; R 2010) Standard Test Method for Rubber - Deterioration in an Air Oven |
| ASTM D575 | (1991; R 2012) Rubber Properties in Compression |
| ASTM D578/D578M | (2005; E 2011; R 2011) Glass Fiber Strands |
| ASTM D579/D579M | (2015) Standard Specification for Greige Woven Glass Fabrics |
| ASTM D596 | (2001; R 2018) Standard Guide for Reporting Results of Analysis of Water |
| ASTM D610 | (2008; R 2019) Standard Practice for Evaluating Degree of Rusting on Painted Steel Surfaces |
| ASTM D624 | (2000; R 2012) Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers |

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| ASTM D633 | (2011; R 2016) Standard Volume Correction Table for Road Tar |
| ASTM D635 | (2018) Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position |
| ASTM D638 | (2014) Standard Test Method for Tensile Properties of Plastics |
| ASTM D664 | (2018; E 2018; E 2019) Standard Test Method for Acid Number of Petroleum Products by Potentiometric Titration |
| ASTM D665 | (2014; E 2015) Standard Test Method for Rust-Preventing Characteristics of Inhibited Mineral Oil in the Presence of Water |
| ASTM D692/D692M | (2015) Coarse Aggregate for Bituminous Paving Mixtures |
| ASTM D695 | (2010) Standard Test Method for Compressive Properties of Rigid Plastics |
| ASTM D696 | (2016) Standard Test Method for Coefficient of Linear Thermal Expansion of Plastics Between -30 degrees C and 30 degrees C With a Vitreous Silica Dilatometer |
| ASTM D698 | (2012; E 2014; E 2015) Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400 ft-lbf/cu. ft. (600 kN-m/cu. m.)) |
| ASTM D709 | (2017) Standard Specification for Laminated Thermosetting Materials |
| ASTM D711 | (2010; R 2015) No-Pick-Up Time of Traffic Paint |
| ASTM D714 | (2002; R 2017) Standard Test Method for Evaluating Degree of Blistering of Paints |
| ASTM D737 | (2018) Standard Test Method for Air Permeability of Textile Fabrics |
| ASTM D740 | (2011) Methyl Ethyl Ketone |
| ASTM D746 | (2014) Standard Test Method for Brittleness Temperature of Plastics and Elastomers by Impact |
| ASTM D751 | (2006; R 2011) Coated Fabrics |
| ASTM D789 | (2015) Determination of Relative Viscosity and Moisture Content of Polyamide (PA) |
| ASTM D790 | (2017) Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials |

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| ASTM D792 | (2013) Density and Specific Gravity (Relative Density) of Plastics by Displacement |
| ASTM D814 | (1995; R 2014) Rubber Property - Vapor Transmission of Volatile Liquids |
| ASTM D822 | (2013) Filtered Open-Flame Carbon-Arc Exposures of Paint and Related Coatings |
| ASTM D823 | (2018) Standard Practices for Producing Films of Uniform Thickness of Paint, Coatings, and Related Products on Test Panels |
| ASTM D841 | (2019) Standard Specification for Nitration Grade Toluene |
| ASTM D877 | (2002; R 2007) Standard Test Method for Dielectric Breakdown Voltage of Insulating Liquids Using Disk Electrodes |
| ASTM D877/D877M | (2013) Standard Test Method for Dielectric Breakdown Voltage of Insulating Liquids Using Disk Electrodes |
| ASTM D882 | (2012) Tensile Properties of Thin Plastic Sheeting |
| ASTM D883 | (2019) Standard Terminology Relating to Plastics |
| ASTM D888 | (2012; E 2013) Dissolved Oxygen in Water |
| ASTM D892 | (2013; E 2016) Standard Test Method for Foaming Characteristics of Lubricating Oils |
| ASTM D903 | (1998; R 2017) Standard Test Method for Peel or Stripping Strength of Adhesive Bonds |
| ASTM D905 | (2008; E 2009) Strength Properties of Adhesive Bonds in Shear by Compression Loading |
| ASTM D923 | (2007) Standard Practice for Sampling Electrical Insulating Liquids |
| ASTM D924 | (2008) Standard Test Method for Dissipation Factor (or Power Factor) and Relative Permittivity (Dielectric Constant) of Electrical Insulating Liquids |
| ASTM D943 | (2018) Standard Test Method for Oxidation Characteristics of Inhibited Mineral Oils |
| ASTM D946/D946M | (2015) Penetration-Graded Asphalt Cement for Use in Pavement Construction |
| ASTM D953 | (2018) Standard Test Method for Pin-Bearing Strength of Plastics |
| ASTM D962 | (1981; R 2014) Aluminum Powder and Paste Pigments |

for Paints

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| ASTM D968 | (2017) Standard Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive |
| ASTM D974 | (2014; E 2016) Standard Test Method for Acid and Base Number by Color-Indicator Titration |
| ASTM D975 | (2019) Standard Specification for Diesel Fuel Oils |
| ASTM D977 | (2019a) Standard Specification for Emulsified Asphalt |
| ASTM D979/D979M | (2015) Sampling Bituminous Paving Mixtures |
| ASTM D1002 | (2010) Apparent Shear Strength of Single-Lap-Joint Adhesively Bonded Metal Specimens by Tension Loading (Metal-to-Metal) |
| ASTM D1003 | (2013) Haze and Luminous Transmittance of Transparent Plastics |
| ASTM D1004 | (2013) Initial Tear Resistance of Plastic Film and Sheeting |
| ASTM D1037 | (2012) Evaluating Properties of Wood-Base Fiber and Particle Panel Materials |
| ASTM D1044 | (2019) Standard Test Method for Resistance of Transparent Plastics to Surface Abrasion by the Taber Abraser |
| ASTM D1045 | (2019) Standard Test Methods for Sampling and Testing Plasticizers Used in Plastics |
| ASTM D1047 | (2016) Poly(Vinyl Chloride) Jacket for Wire and Cable |
| ASTM D1052 | (2009; R 2014) Measuring Rubber Deterioration-Cut Growth Using Ross Flexing Apparatus |
| ASTM D1054 | (2002; R 2007) Rubber Property - Resilience Using a Rebound Pendulum |
| ASTM D1056 | (2014) Standard Specification for Flexible Cellular Materials - Sponge or Expanded Rubber |
| ASTM D1066 | (2018; E 2018) Standard Practice for Sampling Steam |
| ASTM D1073 | (2016) Fine Aggregate for Bituminous Paving Mixtures |
| ASTM D1078 | (2011) Standard Test Method for Distillation Range of Volatile Organic Liquids |
| ASTM D1139/D1139M | (2015) Aggregate for Single or Multiple Bituminous Surface Treatments |

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| ASTM D1140 | (2017) Standard Test Methods for Determining the Amount of Material Finer than 75-µm (No. 200) Sieve in Soils by Washing |
| ASTM D1141 | (1998; R 2013) Standard Practice for the Preparation of Substitute Ocean Water |
| ASTM D1143/D1143M | (2007; R 2013) Piles Under Static Axial Compressive Load |
| ASTM D1148 | (2013; R 2018) Standard Test Method for Rubber Deterioration—Discoloration from Ultraviolet (UV) or UV/Visible Radiation and Heat Exposure of Light-Colored Surfaces |
| ASTM D1149 | (2007; R 2012) Standard Test Method for Rubber Deterioration - Surface Ozone Cracking in a Chamber |
| ASTM D1152 | (2006; R 2012) Methanol (Methyl Alcohol) |
| ASTM D1153 | (2012) Methyl Isobutyl Ketone |
| ASTM D1171 | (2016; E 2016) Standard Test Method for Rubber Deterioration - Surface Ozone Cracking Outdoors (Triangular Specimens) |
| ASTM D1177 | (2017) Standard Test Method for Freezing Point of Aqueous Engine Coolants |
| ASTM D1179 | (2016) Standard Test Methods for Fluoride Ion in Water |
| ASTM D1187/D1187M | (1997; E 2011; R 2011) Asphalt-Base Emulsions for Use as Protective Coatings for Metal |
| ASTM D1200 | (2010; R 2014) Viscosity by Ford Viscosity Cup |
| ASTM D1203 | (2016) Standard Test Methods for Volatile Loss from Plastics Using Activated Carbon Methods |
| ASTM D1204 | (2014) Linear Dimensional Changes of Nonrigid Thermoplastic Sheet or Film at Elevated Temperature |
| ASTM D1210 | (2005; R 2014) Fineness of Dispersion of Pigment-Vehicle Systems by Hegman-Type Gage |
| ASTM D1220 | (1965; R 1990) Measurement and Calibration of Upright Cylindrical Tanks |
| ASTM D1227 | (2013) Emulsified Asphalt Used as a Protective Coating for Roofing |
| ASTM D1238 | (2013) Melt Flow Rates of Thermoplastics by Extrusion Plastometer |
| ASTM D1241 | (2015) Materials for Soil-Aggregate Subbase, Base, |

and Surface Courses

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| ASTM D1248 | (2016) Standard Specification for Polyethylene Plastics Extrusion Materials for Wire and Cable |
| ASTM D1250 | (2008) Standard Guide for Use of the Petroleum Measurement Tables |
| ASTM D1308 | (2013) Effect of Household Chemicals on Clear and Pigmented Organic Finishes |
| ASTM D1310 | (2014) Flash Point and Fire Point of Liquids by Tag Open-Cup Apparatus |
| ASTM D1327/D1327M | (2004e1; R 2012) Standard Specification for Bitumen-Saturated Woven Burlap Fabrics Used in Roofing and Waterproofing |
| ASTM D1330 | (2004; R 2010) Rubber Sheet Gaskets |
| ASTM D1335 | (2017; E 2018) Standard Test Method for Tuft Bind of Pile Yarn Floor Coverings |
| ASTM D1384 | (2005; R 2019) Corrosion Test for Engine Coolants in Glassware |
| ASTM D1401 | (2019) Standard Test Method for Water Separability of Petroleum Oils and Synthetic Fluids |
| ASTM D1418 | (2010; R 2016) Standard Practice for Rubber and Rubber Lattices - Nomenclature |
| ASTM D1429 | (2013) Specific Gravity of Water and Brine |
| ASTM D1435 | (2013) Standard Practice for Outdoor Weathering of Plastics |
| ASTM D1452/D1452M | (2016) Standard Practice for Soil Exploration and Sampling by Auger Borings |
| ASTM D1461 | (2017) Standard Test Method for Moisture or Volatile Distillates in Asphalt Mixtures |
| ASTM D1474/D1474M | (2013) Standard Test Method for Indentation Hardness of Organic Coatings |
| ASTM D1475 | (2013) Standard Test Method for Density of Liquid Coatings, Inks, and Related Products |
| ASTM D1499 | (2013) Filtered Open-Flame Carbon-Arc Type Exposures of Plastics |
| ASTM D1505 | (2018) Standard Test Method for Density of Plastics by the Density-Gradient Technique |
| ASTM D1525 | (2017) Standard Test Method for Vicat Softening Temperature of Plastics |

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| ASTM D1527 | (1999; R 2005) Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe, Schedules 40 and 80 |
| ASTM D1533 | (2012) Standard Test Method for Water in Insulating Liquids by Coulometric Karl Fischer Titration |
| ASTM D1535 | (2014; R 2018) Standard Practice for Specifying Color by the Munsell System |
| ASTM D1544 | (2004; R 2010) Standard Test Method for Color of Transparent Liquids (Gardner Color Scale) |
| ASTM D1556/D1556M | (2015; E 2016) Standard Test Method for Density and Unit Weight of Soil in Place by Sand-Cone Method |
| ASTM D1557 | (2012; E 2015) Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft ³) (2700 kN-m/m ³) |
| ASTM D1586/D1586M | (2018) Standard Test Method for Standard Penetration Test (SPT) and Split-Barrel Sampling of Soils |
| ASTM D1587/D1587M | (2015) Thin-Walled Tube Sampling of Soils for Geotechnical Purposes |
| ASTM D1593 | (2009) Standard Specification for Nonrigid Vinyl Chloride Plastic Film and Sheeting |
| ASTM D1598 | (2015a) Time-to-Failure of Plastic Pipe Under Constant Internal Pressure |
| ASTM D1599 | (2014; E 2015) Resistance to Short-Time Hydraulic Failure Pressure of Plastic Pipe, Tubing, and Fittings |
| ASTM D1603 | (2014) Carbon Black Content in Olefin Plastics |
| ASTM D1621 | (2016) Standard Test Method for Compressive Properties of Rigid Cellular Plastics |
| ASTM D1622 | (2014) Apparent Density of Rigid Cellular Plastics |
| ASTM D1622/D1622M | (2014) Apparent Density of Rigid Cellular Plastics |
| ASTM D1623 | (2017) Standard Test Method for Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics |
| ASTM D1625 | (1971; R 2000) Standard Specifications for Chromated Copper Arsenate |
| ASTM D1630 | (2006; R 2012) Rubber Property - Abrasion Resistance (Footwear Abrader) |
| ASTM D1632 | (2007) Standard Practice for Making and Curing Soil-Cement Compression and Flexure Test Specimens |

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| ASTM D1633 | (2000; R 2007) Standard Test Methods for Compressive Strength of Molded Soil-Cement Cylinders |
| ASTM D1640 | (2003; R 2009) Drying, Curing, or Film Formation of Organic Coatings at Room Temperature |
| ASTM D1640/D1640M | (2014) Standard Test Methods for Drying, Curing, or Film Formation of Organic Coatings |
| ASTM D1652 | (2011; E 2012) Standard Test Method for Epoxy Content of Epoxy Resins |
| ASTM D1653 | (2013) Water Vapor Transmission of Organic Coating Films |
| ASTM D1654 | (2008; R 2016; E 2017) Standard Test Method for Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments |
| ASTM D1655 | (2018a) Standard Specification for Aviation Turbine Fuels |
| ASTM D1667 | (2017) Standard Specification for Flexible Cellular Materials - Poly (Vinyl Chloride) Foam (Closed-Cell) |
| ASTM D1668/D1668M | (1997a; R 2014; E 2014) Glass Fabrics (Woven and Treated) for Roofing and Waterproofing |
| ASTM D1682 | (1964; R 1975e1) Test for Breaking Load and Elongation of Textile Fabrics |
| ASTM D1693 | (2015) Standard Test Method for Environmental Stress-Cracking of Ethylene Plastics |
| ASTM D1710 | (2008) Extruded and Compression Molded Polytetrafluoroethylene (PTFE) Rod and Heavy-Walled Tubing |
| ASTM D1730 | (2009; R 2014) Standard Practices for Preparation of Aluminum and Aluminum-Alloy Surfaces for Painting |
| ASTM D1751 | (2004; E 2013; R 2013) Standard Specification for Preformed Expansion Joint Filler for Concrete Paving and Structural Construction (Nonextruding and Resilient Bituminous Types) |
| ASTM D1752 | (2018) Standard Specification for Preformed Sponge Rubber, Cork and Recycled PVC Expansion Joint Fillers for Concrete Paving and Structural Construction |
| ASTM D1763 | (2000; R 2013) Epoxy Resins |
| ASTM D1777 | (1996; E 2011; R 2011) Thickness of Textile Materials |

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| ASTM D1784 | (2011) Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds |
| ASTM D1785 | (2015; E 2018) Standard Specification for Poly(Vinyl Chloride) (PVC), Plastic Pipe, Schedules 40, 80, and 120 |
| ASTM D1790 | (2014) Brittleness Temperature of Plastic Sheeting by Impact |
| ASTM D1856 | (2009; R 2015) Recovery of Asphalt from Solution by Abson Method |
| ASTM D1863/D1863M | (2005; R 2011; E 2012) Mineral Aggregate Used on Built-Up Roofs |
| ASTM D1864/D1864M | (1989; E 2009; R 2009) Moisture in Mineral Aggregate Used on Built-Up Roofs |
| ASTM D1876 | (2008; R 2015; E 2015) Standard Test Method for Peel Resistance of Adhesives (T-Peel Test) |
| ASTM D1883 | (2016) Standard Test Method for California Bearing Ratio (CBR) of Laboratory-Compacted Soils |
| ASTM D1894 | (2014) Static and Kinetic Coefficients of Friction of Plastic Film and Sheeting |
| ASTM D1895 | (2017) Standard Test Methods for Apparent Density, Bulk Factor, and Pourability of Plastic Materials |
| ASTM D1922 | (2015) Propagation Tear Resistance of Plastic Film and Thin Sheeting by Pendulum Method |
| ASTM D1927 | (1981; R 1988) Rigid Poly(Vinyl Chloride) Plastic Sheet |
| ASTM D1929 | (2016) Standard Test Method for Determining Ignition Temperature of Plastics |
| ASTM D1970/D1970M | (2019) Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection |
| ASTM D1972 | (1997; R 2005) Standard Practice for Generic Marking of Plastic Products |
| ASTM D1998 | (2013) Polyethylene Upright Storage Tanks |
| ASTM D2000 | (2018) Standard Classification System for Rubber Products in Automotive Applications |
| ASTM D2007 | (2011) Standard Test Method for Characteristic Groups in Rubber Extender and Processing Oils and Other Petroleum-Derived Oils by the Clay-Gel Absorption Chromatographic Method |

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| ASTM D2026/D2026M | (2015) Cutback Asphalt (Slow-Curing Type) |
| ASTM D2027/D2027M | (2013) Cutback Asphalt (Medium-Curing Type) |
| ASTM D2028/D2028M | (2015) Cutback Asphalt (Rapid-Curing Type) |
| ASTM D2035 | (2019) Standard Practice for Coagulation-Flocculation Jar Test of Water |
| ASTM D2041/D2041M | (2011) Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures |
| ASTM D2042 | (2015) Standard Test Method for Solubility of Asphalt Materials in Trichloroethylene |
| ASTM D2047 | (2017) Standard Test Method for Static Coefficient of Friction of Polish-Coated Floor Surfaces as Measured by the James Machine |
| ASTM D2074 | (2007; R2013) Standard Test Methods for Total, Primary, Secondary, and Tertiary Amine Values of Fatty Amines by Alternative Indicator Method |
| ASTM D2103 | (2015) Standard Specification for Polyethylene Film and Sheeting |
| ASTM D2113 | (2014) Rock Core Drilling and Sampling of Rock for Site Investigation |
| ASTM D2122 | (2016) Standard Test Method for Determining Dimensions of Thermoplastic Pipe and Fittings |
| ASTM D2126 | (2009) Response of Rigid Cellular Plastics to Thermal and Humid Aging |
| ASTM D2136 | (2002; R 2012) Coated Fabrics - Low-Temperature Bend Test |
| ASTM D2167 | (2015) Density and Unit Weight of Soil in Place by the Rubber Balloon Method |
| ASTM D2170/D2170M | (2018) Standard Test Method for Kinematic Viscosity of Asphalts (Bitumens) |
| ASTM D2171/D2171M | (2018) Standard Test Method for Viscosity of Asphalts by Vacuum Capillary Viscometer |
| ASTM D2172/D2172M | (2017; E 2018) Standard Test Methods for Quantitative Extraction of Asphalt Binder from Asphalt Mixtures |
| ASTM D2176 | (1997a; R 2007) Folding Endurance of Paper by the M.I.T. Tester |
| ASTM D2178/D2178M | (2015a) Asphalt Glass Felt Used in Roofing and Waterproofing |

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| ASTM D2186 | (2005; R 2009) Deposit-Forming Impurities in Steam |
| ASTM D2196 | (2010) Standard Test Methods for Rheological Properties of Non-Newtonian Materials by Rotational (Brookfield type) Viscometer |
| ASTM D2216 | (2019) Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass |
| ASTM D2235 | (2004; R 2016) Standard Specification for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings |
| ASTM D2239 | (2012) Standard Specification for Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter |
| ASTM D2240 | (2015; E 2017) Standard Test Method for Rubber Property - Durometer Hardness |
| ASTM D2241 | (2015) Standard Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series) |
| ASTM D2244 | (2016) Standard Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates |
| ASTM D2247 | (2015) Testing Water Resistance of Coatings in 100% Relative Humidity |
| ASTM D2261 | (2013; R 2017) Standard Test Method for Tearing Strength of Fabrics by the Tongue (Single Rip) Procedure (Constant Rate-of-Extension Tensile Testing Machine) |
| ASTM D2270 | (2010; R 2016) Standard Practice for Calculating Viscosity Index from Kinematic Viscosity at 40 and 100°C |
| ASTM D2272 | (2014a) Standard Test Method for Oxidation Stability of Steam Turbine Oils by Rotating Pressure Vessel |
| ASTM D2287 | (2012) Nonrigid Vinyl Chloride Polymer and Copolymer Molding and Extrusion Compounds |
| ASTM D2308 | (2007; R 2013) Standard Specification for Thermoplastic Polyethylene Jacket for Electrical Wire and Cable |
| ASTM D2310 | (2006; R 2012) Machine-Made "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe |
| ASTM D2321 | (2018) Standard Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Applications |

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| ASTM D2344/D2344M | (2016) Standard Test Method for Short-Beam Strength of Polymer Matrix Composite Materials and Their Laminates |
| ASTM D2369 | (2010; R 2015; E 2015) Volatile Content of Coatings |
| ASTM D2370 | (1998; R 2010) Tensile Properties of Organic Coatings |
| ASTM D2394 | (2017) Standard Test Methods for Simulated Service Testing of Wood and Wood-Base Finish Flooring |
| ASTM D2397/D2397M | (2019a) Standard Specification for Cationic Emulsified Asphalt |
| ASTM D2412 | (2011) Determination of External Loading Characteristics of Plastic Pipe by Parallel-Plate Loading |
| ASTM D2419 | (2014) Sand Equivalent Value of Soils and Fine Aggregate |
| ASTM D2434 | (1968; R 2006) Permeability of Granular Soils (Constant Head) |
| ASTM D2447 | (2003) Standard Specification for Polyethylene (PE) Plastic Pipe, Schedules 40 and 80, Based on Outside Diameter |
| ASTM D2452 | (2015; R 2019) Standard Test Method for Extrudability of Oil- and Resin-Base Caulking Compounds |
| ASTM D2453 | (2015) Standard Test Method for Shrinkage and Tenacity of Oil- and Resin-Base Caulking Compounds |
| ASTM D2454 | (2014) Determining the Effect of Overbaking on Organic Coatings |
| ASTM D2464 | (2015) Standard Specification for Threaded Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80 |
| ASTM D2466 | (2017) Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40 |
| ASTM D2467 | (2015) Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80 |
| ASTM D2471 | (1999) Standard Test Method for Gel Time and Peak Exothermic Temperature of Reacting Thermosetting Resins |
| ASTM D2472 | (2000; R 2014) Standard Specification for Sulphur Hexafluoride |
| ASTM D2487 | (2017) Standard Practice for Classification of |

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| | Soils for Engineering Purposes (Unified Soil Classification System) |
| ASTM D2488 | (2017; E 2018) Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) |
| ASTM D2489/D2489M | (2016) Standard Test Method for Estimating Degree of Particle Coating of Asphalt Mixtures |
| ASTM D2513 | (2018a) Standard Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings |
| ASTM D2513-99 | (1999) Standard Specification for Thermoplastic Gas Pressure Pipe, Tubing, and Fittings |
| ASTM D2517 | (2018) Standard Specification for Reinforced Epoxy Resin Gas Pressure Pipe and Fittings |
| ASTM D2523/D2523M | (2013; E 2019; R 2019) Standard Practice for Testing Load-Strain Properties of Roofing Membranes |
| ASTM D2559 | (2012a; E 2016) Standard Specification for Adhesives for Bonded Structural Wood Products for Use Under Exterior Exposure Conditions |
| ASTM D2563 | (2008) Classifying Visual Defects in Glass-Reinforced Plastic Laminate Parts |
| ASTM D2564 | (2012) Standard Specification for Solvent Cements for Poly(Vinyl Chloride) (PVC) Plastic Piping Systems |
| ASTM D2565 | (2016) Standard Practice for Xenon Arc Exposure of Plastics Intended for Outdoor Applications |
| ASTM D2583 | (2013a) Indentation Hardness of Rigid Plastics by Means of a Barcol Impressor |
| ASTM D2609 | (2015) Standard Specification for Plastic Insert Fittings for Polyethylene (PE) Plastic Pipe |
| ASTM D2621 | (1987; R 2016) Standard Test Method for Infrared Identification of Vehicle Solids from Solvent-Reducible Paints |
| ASTM D2628 | (1991; R 2016) Standard Specification for Preformed Polychloroprene Elastomeric Joint Seals for Concrete Pavements |
| ASTM D2632 | (2015) Standard Test Method for Rubber Property-Resilience by Vertical Rebound |
| ASTM D2652 | (2011) Activated Carbon |
| ASTM D2657 | (2007; R 2015) Heat Fusion Joining Polyolefin Pipe and Fittings |

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| ASTM D2661 | (2014; E 2018) Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40, Plastic Drain, Waste, and Vent Pipe and Fittings |
| ASTM D2665 | (2014) Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings |
| ASTM D2672 | (2014) Joints for IPS PVC Pipe Using Solvent Cement |
| ASTM D2683 | (2014) Standard Specification for Socket-Type Polyethylene Fittings for Outside Diameter-Controlled Polyethylene Pipe and Tubing |
| ASTM D2688 | (2015; E 2016) Standard Test Method for Corrosivity of Water in the Absence of Heat Transfer (Weight Loss Methods) |
| ASTM D2697 | (2003; R 2014) Volume Nonvolatile Matter in Clear or Pigmented Coatings |
| ASTM D2698 | (2005) Standard Test Method for Determination of the Pigment Content of Solvent-Reducible Paints by High-Speed Centrifuging |
| ASTM D2726/D2726M | (2019) Standard Test Method for Bulk Specific Gravity and Density of Non-Absorptive Compacted Bituminous Mixtures |
| ASTM D2729 | (2017) Standard Specification for Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings |
| ASTM D2737 | (2012a) Polyethylene (PE) Plastic Tubing |
| ASTM D2751 | (2005) Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Sewer Pipe and Fittings |
| ASTM D2765 | (2016) Standard Test Methods for Determination of Gel Content and Swell Ratio of Crosslinked Ethylene Plastics |
| ASTM D2774 | (2012) Underground Installation of Thermoplastic Pressure Piping |
| ASTM D2794 | (1993; R 2019) Standard Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact) |
| ASTM D2805 | (2011) Standard Test Method for Hiding Power of Paints by Reflectometry |
| ASTM D2822/D2822M | (2005; R 2011; E 2011) Standard Specification for Asphalt Roof Cement, Asbestos-Containing |
| ASTM D2824/D2824M | (2018) Standard Specification for Aluminum-Pigmented Asphalt Roof Coatings, |

Non-Fibered, and Fibered without Asbestos

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| ASTM D2835 | (1989; R 2017) Standard Specification for Lubricant for Installation of Preformed Compression Seals in Concrete Pavements |
| ASTM D2842 | (2012) Water Absorption of Rigid Cellular Plastics |
| ASTM D2843 | (2019) Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics |
| ASTM D2846/D2846M | (2019) Standard Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution Systems |
| ASTM D2854 | (2009; R 2019) Standard Test Method for Apparent Density of Activated Carbon |
| ASTM D2855 | (2015) Standard Practice for Making Solvent-Cemented Joints with Poly(Vinyl Chloride) (PVC) Pipe and Fittings |
| ASTM D2859 | (2016) Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials |
| ASTM D2862 | (2016) Standard Test Method for Particle Size Distribution of Granular Activated Carbon |
| ASTM D2863 | (2019) Standard Test Method for Measuring the Minimum Oxygen Concentration to Support Candle-Like Combustion of Plastics (Oxygen Index) |
| ASTM D2866 | (2011) Total Ash Content of Activated Carbon |
| ASTM D2867 | (2009; R 2014) Moisture in Activated Carbon |
| ASTM D2898 | (2010; R 2017) Standard Practice for Accelerated Weathering of Fire-Retardant-Treated Wood for Fire Testing |
| ASTM D2917 | (2007; R 2013) Methyl Isoamyl Ketone |
| ASTM D2937 | (2017; E 2017; E 2018) Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method |
| ASTM D2950/D2950M | (2014) Density of Bituminous Concrete in Place by Nuclear Methods |
| ASTM D2974 | (2014) Moisture, Ash, and Organic Matter of Peat and Other Organic Soils |
| ASTM D2990 | (2017) Standard Test Methods for Tensile, Compressive, and Flexural Creep and Creep-Rupture of Plastics |

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| ASTM D2992 | (2012) Obtaining Hydrostatic or Pressure Design Basis for "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe and Fittings |
| ASTM D2995 | (1999; R 2009) Determining Application Rate of Bituminous Distributors |
| ASTM D2996 | (2017) Standard Specification for Filament-Wound "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe |
| ASTM D2997 | (2015) Centrifugally Cast "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe |
| ASTM D3018/D3018M | (2011; R 2017) Standard Specification for Class A Asphalt Shingles Surfaced With Mineral Granules |
| ASTM D3019 | (2008) Lap Cement Used with Asphalt Roll Roofing Non Fibered, Asbestos Fibered, and Non Asbestos Fibered |
| ASTM D3034 | (2016) Standard Specification for Type PSM Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings |
| ASTM D3035 | (2015) Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter |
| ASTM D3039/D3039M | (2017) Standard Test Method for Tensile Properties of Polymer Matrix Composite Materials |
| ASTM D3042 | (2017) Standard Test Method for Insoluble Residue in Carbonate Aggregates |
| ASTM D3045 | (1992; R 2010) Practice for Heat Aging of Plastics Without Load |
| ASTM D3122 | (1995; R 2009) Solvent Cements for Styrene-Rubber (SR) Plastic Pipe and Fittings |
| ASTM D3138 | (2004; R 2016) Standard Specification for Solvent Cements for Transition Joints Between Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Non-Pressure Piping Components |
| ASTM D3139 | (1998; R 2011) Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals |
| ASTM D3161/D3161M | (2019a) Standard Test Method for Wind-Resistance of Steep Slope Roofing Products (Fan-Induced Method) |
| ASTM D3171 | (2011) Standard Test Method for Constituent Content of Composite Materials |
| ASTM D3203/D3203M | (2017) Standard Test Method for Percent Air Voids in Compacted Asphalt Mixtures |

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| ASTM D3212 | (2007; R 2013) Standard Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals |
| ASTM D3222 | (2018a) Standard Specification for Unmodified Poly(Vinylidene Fluoride) (PVDF) Molding Extrusion and Coating Materials |
| ASTM D3233 | (1993; R 2014) Standard Test Methods for Measurement of Extreme Pressure Properties of Fluid Lubricants (Falex Pin and Vee Block Methods) |
| ASTM D3261 | (2016) Standard Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing |
| ASTM D3262 | (2016) "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Sewer Pipe |
| ASTM D3273 | (2016) Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber |
| ASTM D3274 | (2009; R 2017) Standard Test Method for Evaluating Degree of Surface Disfigurement of Paint Films by Fungal or Algal Growth, or Soil and Dirt Accumulation |
| ASTM D3276 | (2015; E 2016) Standard Guide for Painting Inspectors (Metal Substrates) |
| ASTM D3278 | (1996; R 2011) Flash Point of Liquids by Small Scale Closed-Cup Apparatus |
| ASTM D3299 | (2010) Filament-Wound Glass-Fiber-Reinforced Thermoset Resin Corrosion-Resistant Tanks |
| ASTM D3307 | (2016) Standard Specification for Perfluoroalkoxy (PFA)-Fluorocarbon Resin Molding and Extrusion Materials |
| ASTM D3308 | (2012; R 2017) Standard Specification for PTFE Resin Skived Tape |
| ASTM D3311 | (2017) Standard Specification for Drain, Waste, and Vent (DWV) Plastic Fittings Patterns |
| ASTM D3330/D3330M | (2004; R 2018) Standard Test Method for Peel Adhesion of Pressure-Sensitive Tape |
| ASTM D3335 | (1985a; R 2014) Low Concentrations of Lead, Cadmium, and Cobalt in Paint by Atomic Absorption Spectroscopy |
| ASTM D3350 | (2012) Polyethylene Plastics Pipe and Fittings Materials |

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| ASTM D3359 | (2017) Standard Test Methods for Rating Adhesion by Tape Test |
| ASTM D3363 | (2005; E 2011; R 2011; E 2012) Film Hardness by Pencil Test |
| ASTM D3370 | (2018) Standard Practices for Sampling Water from Flowing Process Streams |
| ASTM D3381/D3381M | (2018) Standard Specification for Viscosity-Graded Asphalt Binder for Use in Pavement Construction |
| ASTM D3389 | (2016) Standard Test Method for Coated Fabrics Abrasion Resistance (Rotary Platform, Double-Head Abrader) |
| ASTM D3418 | (2015) Transition Temperatures of Polymers by Differential Scanning Calorimetry |
| ASTM D3427 | (2014a; E 2015) Standard Test Method for Air Release Properties of Petroleum Oils |
| ASTM D3451 | (2006; R 2017) Standard Guide for Testing Coating Powders and Powder Coatings |
| ASTM D3455 | (2011) Compatibility of Construction Material with Electrical Insulating Oil of Petroleum Origin |
| ASTM D3462/D3462M | (2019) Standard Specification for Asphalt Shingles Made from Glass Felt and Surfaced with Mineral Granules |
| ASTM D3464 | (1996; R 2014) Standard Test Method for Average Velocity in a Duct Using a Thermal Anemometer |
| ASTM D3465 | (2014) Standard Test Method for Purity of Monmeric Plasticizers by Gas Chromatography |
| ASTM D3487 | (2016; E2017) Standard Specification for Mineral Insulating Oil Used in Electrical Apparatus |
| ASTM D3489 | (2017) Standard Test Method for Microcellular Urethane Materials |
| ASTM D3498 | (2019a) Standard Specification for Adhesives for Field-Gluing Wood Structural Panels (Plywood or Oriented Strand Board) to Wood Based Floor System Framing |
| ASTM D3551 | (2008) Laboratory Preparation of Soil-Lime Mixtures Using a Mechanical Mixer |
| ASTM D3574 | (2017) Standard Test Methods for Flexible Cellular Materials—Slab, Bonded, and Molded Urethane Foams |
| ASTM D3575 | (2014) Flexible Cellular Materials Made From Olefin Polymers |

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| ASTM D3595 | (2014) Polychlorotrifluoroethylene (PCTFE) Extruded Plastic Sheet and Film |
| ASTM D3612 | (2002; R 2017) Standard Test Method for Analysis of Gases Dissolved in Electrical Insulating Oil by Gas Chromatography |
| ASTM D3617 | (2007; R 2015; E 2015) Sampling and Analysis of New Built-Up Roof Membranes |
| ASTM D3625/D3625M | (2012) Standard Practice for Effect of Water on Bituminous-Coated Aggregate Using Boiling Water |
| ASTM D3628 | (2015) Standard Practice for Selection and Use of Emulsified Asphalts |
| ASTM D3656/D3656M | (2013) Standard Specification for Insect Screening and Louver Cloth Woven from Vinyl-Coated Glass Yarns |
| ASTM D3665 | (2012; R 2017) Standard Practice for Random Sampling of Construction Materials |
| ASTM D3666 | (2016) Standard Specification for Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials |
| ASTM D3667 | (2016) Standard Specification for Rubber Seals Used in Flat-Plate Solar Collectors |
| ASTM D3676 | (2013) Rubber Cellular Cushion Used for Carpet or Rug Underlay |
| ASTM D3678 | (2014) Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Interior-Profile Extrusions |
| ASTM D3681 | (2012; E 2014) Standard Test Method for Chemical Resistance of "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe in a Deflected Condition |
| ASTM D3689 | (2007; E 2013; R 2013) Standard Test Methods for Deep Foundations Under Static Axial Tensile Load |
| ASTM D3691/D3691M | (2019) Standard Performance Specification for Woven, Lace, and Knit Household Curtain and Drapery Fabrics |
| ASTM D3699 | (2013b; E 2015) Standard Specification for Kerosene |
| ASTM D3718 | (1985a; R 2015) Low Concentrations of Chromium in Paint by Atomic Absorption Spectroscopy |
| ASTM D3721 | (2005; R 2011) Synthetic Red Iron Oxide Pigment |
| ASTM D3737 | (2018; E2018) Standard Practice for Establishing Allowable Properties for Structural Glued Laminated Timber (Glulam) |

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| ASTM D3740 | (2019) Minimum Requirements for Agencies Engaged in the Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction |
| ASTM D3744/D3744M | (2011a) Standard Test Method for Aggregate Durability Index |
| ASTM D3753 | (2019) Glass-Fiber-Reinforced Polyester Manholes and Wetwells |
| ASTM D3754 | (2014) "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Sewer and Industrial Pressure Pipe |
| ASTM D3775 | (2017; E 2018) Standard Test Method for End (Warp) and Pick (Filling) Count of Woven Fabrics |
| ASTM D3776/D3776M | (2009a; R 2017) Standard Test Methods for Mass Per Unit Area (Weight) of Fabric |
| ASTM D3786/D3786M | (2018) Standard Test Method for Bursting Strength of Textile Fabrics-Diaphragm Bursting Strength Tester Method |
| ASTM D3802 | (2016) Standard Test Method for Ball-Pan Hardness of Activated Carbon |
| ASTM D3832 | (1979; R 2011) Standard Specification for Rubber Seals Contacting Liquids in Solar Energy Systems |
| ASTM D3833/D3833M | (1996; R 2011) Water Vapor Transmission of Pressure-Sensitive Tapes |
| ASTM D3839 | (2014) Standard Guide for Underground Installation of "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe |
| ASTM D3840 | (2014) "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe Fittings for Nonpressure Applications |
| ASTM D3841 | (2016) Standard Specification for Glass Fiber-Reinforced Polyester Plastic Panels |
| ASTM D3846 | (2008) Standard Test Method for In-Plane Shear Strength of Reinforced Plastics |
| ASTM D3860 | (1998; R 2014) Determination of Adsorptive Capacity of Activated Carbon by Aqueous Phase Isotherm Technique |
| ASTM D3867 | (2016) Standard Test Methods for Nitrite-Nitrate in Water |
| ASTM D3887 | (1996; R 2008) Standard Specification for Tolerances for Knitted Fabrics |

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| ASTM D3892 | (2015) Standard Practice for Packaging/Packing of Plastics |
| ASTM D3895 | (2014) Oxidative-Induction Time of Polyolefins by Differential Scanning Calorimetry |
| ASTM D3910 | (2011) Design, Testing, and Construction of Slurry Seal |
| ASTM D3915 | (2006) Rigid Poly(Vinyl Chloride) (PVC) and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds for Plastic Pipe and Fittings Used in Pressure Applications |
| ASTM D3916 | (2008; R 2016) Standard Test Method for Tensile Properties of Pultruded Glass-Fiber-Reinforced Plastic Rod |
| ASTM D3917 | (2015a) Standard Specification for Dimensional Tolerance of Thermosetting Glass-Reinforced Plastic Pultruded Shapes |
| ASTM D3924 | (2016) Standard Specification for Environment for Conditioning and Testing Paint, Varnish, Lacquer, and Related Materials |
| ASTM D3925 | (2002; R 2015) Sampling Liquid Paints and Related Pigmented Coatings |
| ASTM D3951 | (2015) Commercial Packaging |
| ASTM D3960 | (2005; R 2013) Determining Volatile Organic Compound (VOC) Content of Paints and Related Coatings |
| ASTM D3965 | (2016) Standard Classification System and Basis for Specifications for Rigid Acrylonitrile-Butadiene-Styrene (ABS) Materials for Pipe and Fittings |
| ASTM D3966/D3966M | (2007) Standard Test Methods for Deep Foundations Under Lateral Load |
| ASTM D4000 | (2016) Standard Classification System for Specifying Plastic Materials |
| ASTM D4016 | (2014) Viscosity of Chemical Grouts by Brook field Viscometer (Laboratory Method) |
| ASTM D4020 | (2011) Ultra-High-Molecular-Weight Polyethylene Molding and Extrusion Materials |
| ASTM D4024 | (2015) Machine Made "Fiberglass" (Glass-Fiber-Reinforced Thermosetting Resin) Flanges |
| ASTM D4057 | (2012; R 2018) Standard Practice for Manual Sampling of Petroleum and Petroleum Products |

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| ASTM D4059 | (2000; R 2018) Standard Test Method for Analysis of Polychlorinated Biphenyls in Insulating Liquids by Gas Chromatography |
| ASTM D4060 | (2019) Abrasion Resistance of Organic Coatings by the Taber Abraser |
| ASTM D4061 | (2013) Standard Test Method for Retroreflectance of Horizontal Coatings |
| ASTM D4065 | (2012) Standard Practice for Plastics: Dynamic Mechanical Properties: Determination and Report of Procedures |
| ASTM D4066 | (2013) Standard Classification System for Nylon Injection and Extrusion Materials (PA) |
| ASTM D4068 | (2017) Standard Specification for Chlorinated Polyethylene (CPE) Sheeting for Concealed Water-Containment Membrane |
| ASTM D4073/D4073M | (2006; E 2019; R 2019) Standard Test Method for Tensile-Tear Strength of Bituminous Roofing Membranes |
| ASTM D4078 | (2002; R 2015) Water Emulsion Floor Polish |
| ASTM D4093 | (1995; R 2014) Photoelastic Measurements of Birefringence and Residual Strains in Transparent or Translucent Plastic Materials |
| ASTM D4097 | (2001; R 2010) Contact-Molded Glass-Fiber-Reinforced Thermoset Resin Corrosion-Resistant Tanks |
| ASTM D4101 | (2017) Standard Classification System and Basis for Specification for Polypropylene Injection and Extrusion Materials |
| ASTM D4125/D4125M | (2010) Asphalt Content of Bituminous Mixtures by the Nuclear Method |
| ASTM D4157 | (2013; R 2017) Standard Test Method for Abrasion Resistance of Textile Fabrics (Oscillatory Cylinder Method) |
| ASTM D4161 | (2014) "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe Joints Using Flexible Elastomeric Seals |
| ASTM D4167 | (2015) Fiber-Reinforced Plastic Fans and Blowers |
| ASTM D4172 | (1994; R 2016) Standard Test Method for Wear Preventive Characteristics of Lubricating Fluid (Four-Ball Method) |
| ASTM D4177 | (2016; E 2017) Standard Practice for Automatic |

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| ASTM D4214 | (2007; R 2015) Standard Test Method for Evaluating the Degree of Chalking of Exterior Paint Films |
| ASTM D4215 | (2007; R 2013) Standard Specification for Cold-Mixed, Cold-Laid Bituminous Paving Mixtures |
| ASTM D4216 | (2017) Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) and Related PVC and Chlorinated Poly (Vinyl Chloride) (CPVC) Building Products Compounds |
| ASTM D4218 | (2015) Determination of Carbon Black Content in Polyethylene Compounds by the Muffle-Furnace Technique |
| ASTM D4220/D4220M | (2014) Preserving and Transporting Soil Samples |
| ASTM D4228 | (2005; R 2017) Standard Practice for Qualification of Coating Applicators for Application of Coatings to Steel Surfaces |
| ASTM D4253 | (2016; E 2019) Standard Test Methods for Maximum Index Density and Unit Weight of Soils Using a Vibratory Table |
| ASTM D4254 | (2016) Standard Test Methods for Minimum Index Density and Unit Weight of Soils and Calculation of Relative Density |
| ASTM D4259 | (2018) Standard Practice for Preparation of Concrete by Abrasion Prior to Coating Application |
| ASTM D4263 | (1983; R 2018) Standard Test Method for Indicating Moisture in Concrete by the Plastic Sheet Method |
| ASTM D4280 | (2012) Extended Life Type, Nonplowable, Raised, Retroreflective Pavement Markers |
| ASTM D4285 | (1983; R 2012) Indicating Oil or Water in Compressed Air |
| ASTM D4318 | (2017; E 2018) Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils |
| ASTM D4329 | (2013) Standard Practice for Fluorescent UV Exposure of Plastics |
| ASTM D4354 | (2012) Sampling of Geosynthetics for Testing |
| ASTM D4355/D4355M | (2014) Deterioration of Geotextiles from Exposure to Light, Moisture and Heat in a Xenon-Arc Type Apparatus |
| ASTM D4383 | (2012) Standard Specification for Plowable, Raised Retroreflective Pavement Markers |

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| ASTM D4385 | (2010) Standard Practice for Classifying Visual Defects in Thermosetting Reinforced Plastic Pultruded Products |
| ASTM D4397 | (2016) Standard Specification for Polyethylene Sheeting for Construction, Industrial, and Agricultural Applications |
| ASTM D4400 | (1999; E 2012; R 2012) Sag Resistance of Paints Using a Multinotch Applicator |
| ASTM D4402/D4402M | (2015) Viscosity Determination of Asphalt at Elevated Temperatures Using a Rotational Viscometer |
| ASTM D4417 | (2014) Field Measurement of Surface Profile of Blast Cleaned Steel |
| ASTM D4427 | (2018) Standard Classification of Peat Samples by Laboratory Testing |
| ASTM D4434/D4434M | (2015) Standard Specification for Poly(Vinyl Chloride) Sheet Roofing |
| ASTM D4437/D4437M | (2016; R 2018) Standard Practice for Non-destructive Testing (NDT) for Determining the Integrity of Seams Used in Joining Flexible Polymeric Sheet Geomembranes |
| ASTM D4444 | (2013; R 2018) Standard Test Method for Laboratory Standardization and Calibration of Hand-Held Moisture Meters |
| ASTM D4479/D4479M | (2007; E 2012; R 2012) Asphalt Roof Coatings - Asbestos-Free |
| ASTM D4491/D4491M | (2017) Standard Test Methods for Water Permeability of Geotextiles by Permittivity |
| ASTM D4501 | (2001; R 2014) Adhesive Bonds Between Rigid Substrates by the Block-Shear Method |
| ASTM D4505 | (2012; R 2017) Standard Specification for Preformed Retroreflective Pavement Marking Tape for Extended Service Life |
| ASTM D4533 | (2011) Trapezoid Tearing Strength of Geotextiles |
| ASTM D4533/D4533M | (2015) Standard Test Method for Trapezoid Tearing Strength of Geotextiles |
| ASTM D4541 | (2017) Standard Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers |
| ASTM D4551 | (2017) Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Flexible Concealed Water-Containment Membrane |

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| ASTM D4552/D4552M | (2010; R 2016; E 2016) Standard Practice for Classifying Hot-Mix Recycling Agents |
| ASTM D4580/D4580M | (2012) Standard Practice for Measuring Delaminations in Concrete Bridge Decks by Sounding |
| ASTM D4586/D4586M | (2007; E 2012; R 2012) Asphalt Roof Cement, Asbestos-Free |
| ASTM D4587 | (2011) Standard Practice for Fluorescent UV-Condensation Exposures of Paint and Related Coatings |
| ASTM D4595 | (2017) Standard Test Method for Tensile Properties of Geotextiles by the Wide-Width Strip Method |
| ASTM D4601/D4601M | (2004; R 2012) Asphalt-Coated Glass Fiber Base Sheet Used in Roofing |
| ASTM D4607 | (2014) Determination of Iodine Number of Activated Carbon |
| ASTM D4614 | (2011) Standard Specification for Ethyl Acetate (All Grades) |
| ASTM D4632/D4632M | (2015a) Grab Breaking Load and Elongation of Geotextiles |
| ASTM D4635 | (2016) Standard Specification for Plastic Films Made from Low-Density Polyethylene for General Use and Packaging Applications |
| ASTM D4637/D4637M | (2015) EPDM Sheet Used in Single-Ply Roof Membrane |
| ASTM D4643 | (2017) Standard Test Method for Determination of Water Content of Soil and Rock by Microwave Oven Heating |
| ASTM D4674 REV A | (2002; R 2010) Standard Practice for Accelerated Testing for Color Stability of Plastics Exposed to Indoor Office Environments |
| ASTM D4689 | (2012) Standard Specification for Adhesive, Casein-Type |
| ASTM D4690 | (2012) Standard Specification for Urea Formaldehyde Resin Adhesives |
| ASTM D4716/D4716M | (2008; R 2013) Determining the (In-Plane) Flow Rate Per Unit Width and Hydraulic Transmissivity of a Geosynthetic Using a Constant Head |
| ASTM D4745 | (2014) Standard Specification for Filled Compounds of Polytetrafluoroethylene (PTFE) Molding and Extrusion Materials |
| ASTM D4751 | (2016) Standard Test Method for Determining |

Apparent Opening Size of a Geotextile

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| ASTM D4759 | (2011; R 2018) Standard Practice for Determining the Specification Conformance of Geosynthetics |
| ASTM D4791 | (2019) Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate |
| ASTM D4802 | (2016) Standard Specification for Poly(Methyl Methacrylate) Acrylic Plastic Sheet |
| ASTM D4811/D4811M | (2016) Standard Specification for Nonvulcanized (Uncured) Rubber Sheet Used as Roof Flashing |
| ASTM D4814 | (2019) Standard Specification for Automotive Spark-Ignition Engine Fuel |
| ASTM D4819 | (2013) Standard Specification for Flexible Cellular Materials Made From Polyolefin Plastics |
| ASTM D4832 | (2016; E 2018) Standard Test Method for Preparation and Testing of Controlled Low Strength Material (CLSM) Test Cylinders |
| ASTM D4833/D4833M | (2007; E 2013; R 2013) Index Puncture Resistance of Geotextiles, Geomembranes, and Related Products |
| ASTM D4867/D4867M | (2009; R 2014) Effect of Moisture on Asphalt Concrete Paving Mixtures |
| ASTM D4869/D4869M | (2016a) Standard Specification for Asphalt-Saturated Organic Felt Underlayment Used in Steep Slope Roofing |
| ASTM D4873/D4873M | (2017) Standard Guide for Identification, Storage, and Handling of Geosynthetic Rolls and Samples |
| ASTM D4884/D4884M | (2014a) Strength of Sewn or Thermally Bonded Seams of Geotextiles |
| ASTM D4897/D4897M | (2016) Standard Specification for Asphalt-Coated Glass-Fiber Venting Base Sheet Used in Roofing |
| ASTM D4940 | (2015) Standard Test Method for Conductimetric Analysis of Water Soluble Ionic Contamination of Blast Cleaning Abrasives |
| ASTM D4944 | (2018) Standard Test Method for Field Determination of Water (Moisture) Content of Soil by the Calcium Carbide Gas Pressure Tester Method |
| ASTM D4945 | (2017) Standard Test Method for High-Strain Dynamic Testing of Deep Foundations |
| ASTM D4956 | (2013) Standard Specification for Retroreflective Sheeting for Traffic Control |

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| ASTM D4959 | (2016) Determination of Water (Moisture) Content of Soil by Direct Heating |
| ASTM D4972 | (2018) Standard Test Methods for pH of Soils |
| ASTM D4976 | (2012a) Standard Specification for Polyethylene Plastics Molding and Extrusion Materials |
| ASTM D4992 | (2014; E 2015) Evaluation of Rock to be Used for Erosion Control |
| ASTM D5023 | (2015) Standard Test Method for Plastics: Dynamic Mechanical Properties: In Flexure (Three-Point Bending) |
| ASTM D5034 | (2009; R 2017) Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test) |
| ASTM D5035 | (2011) Breaking Force and Elongation of Textile Fabrics (Strip Method) |
| ASTM D5084 | (2016a) Standard Test Methods for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter |
| ASTM D5088 | (2015) Decontamination of Field Equipment Used at Nonradioactive Waste Sites |
| ASTM D5092 | (2016) Standard Practice for Design and Installation of Ground Water Monitoring Wells in Aquifers |
| ASTM D5102 | (2009) Standard Test Method for Unconfined Compressive Strength of Compacted Soil-Lime Mixtures |
| ASTM D5147/D5147M | (2014) Standard Test Methods for Sampling and Testing Modified Bituminous Sheet Material |
| ASTM D5158 | (1998; R 2013) Determination of the Particle Size of Powdered Activated Carbon by Air Jet Sieving |
| ASTM D5195 | (2014) Density of Soil and Rock In-Place at Depths Below the Surface by Nuclear Methods |
| ASTM D5199 | (2012) Measuring Nominal Thickness of Geosynthetics |
| ASTM D5228 | (2016) Standard Test Method for Determination of the Butane Working Capacity of Activated Carbon |
| ASTM D5249 | (2010; R 2016) Standard Specification for Backer Material for Use with Cold-and Hot-Applied Joint Sealants in Portland-Cement Concrete and Asphalt Joints |
| ASTM D5261 | (2010; R 2018) Standard Test Method for Measuring Mass Per Unit Area of Geotextiles |

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| ASTM D5262 | (2007; R 2016) Standard Test Method for Evaluating the Unconfined Tension Creep Behavior of Geosynthetics |
| ASTM D5268 | (2013) Topsoil Used for Landscaping Purposes |
| ASTM D5299/D5299M | (2017) Standard Guide for Decommissioning of Ground Water Wells, Vadose Zone Monitoring Devices, Boreholes, and Other Devices for Environmental Activities |
| ASTM D5312/D5312M | (2012; R 2013) Evaluation of Durability of Rock for Erosion Control Under Freezing and Thawing Conditions |
| ASTM D5313/D5313M | (2012; R 2013) Evaluation of Durability of Rock for Erosion Control Under Wetting and Drying Conditions |
| ASTM D5321/D5321M | (2017) Standard Test Method for Determining the Shear Strength of Soil-Geosynthetic and Geosynthetic-Geosynthetic Interfaces by Direct Shear |
| ASTM D5329 | (2016) Standard Test Methods for Sealants and Fillers, Hot-Applied, for Joints and Cracks in Asphalt Pavements and Portland Cement Concrete Pavements |
| ASTM D5359 | (2015) Standard Specification for Glass Cullet Recovered from Waste for Use in Manufacture of Glass Fiber |
| ASTM D5385/D5385M | (1993; R 2014; E 2014) Standard Test Method for Hydrostatic Pressure Resistance of Waterproofing Membranes |
| ASTM D5397 | (2019a) Standard Test Method for Evaluation of Stress Crack Resistance of Polyolefin Geomembranes Using Notched Constant Tensile Load Test |
| ASTM D5404/D5404M | (2012; R 2017) Standard Practice for Recovery of Asphalt from Solution Using the Rotary Evaporator |
| ASTM D5420 | (2016) Standard Test Method for Impact Resistance of Flat, Rigid Plastic Specimen by Means of a Strike Impacted by a Falling Weight (Gardner Impact) |
| ASTM D5421 | (2015) Contact Molded "Fiberglass" (Glass-Fiber-Reinforced Thermosetting Resin) Flanges |
| ASTM D5434 | (2012) Field Logging of Subsurface Explorations of Soil and Rock |
| ASTM D5444 | (2015) Mechanical Size Analysis of Extracted Aggregate |
| ASTM D5456 | (2017) Standard Specification for Evaluation of Structural Composite Lumber Products |

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|-------------------|---|
| ASTM D5469/D5469M | (2012) Application of New Spray Applied Polyurethane Foam and Coated Roofing Systems |
| ASTM D5505 | (2014) Classifying Emulsified Recycling Agents |
| ASTM D5519 | (2015) Particle Size Analysis of Natural and Man-Made Riprap Materials |
| ASTM D5521/D5521M | (2013) Standard Guide for Development of Ground-Water Monitoring Wells in Granular Aquifers |
| ASTM D5539 | (2013) Seed Starter Mix |
| ASTM D5543 | (2009) Standard Test Methods for Low-Level Dissolved Oxygen in Water |
| ASTM D5590 | (2000; R 2010; E 2012) Standard Test Method for Determining the Resistance of Paint Films and Related Coatings to Fungal Defacement by Accelerated Four-Week Agar Plate Assay |
| ASTM D5596 | (2003; R 2016) Standard Test Method For Microscopic Evaluation of the Dispersion of Carbon Black in Polyolefin Geosynthetics |
| ASTM D5603 | (2001; R 2008) Rubber Compounding Materials - Recycled Vulcanizate Particulate Rubber |
| ASTM D5608 | (2016) Decontamination of Field Equipment Used at Low Level Radioactive Waste Sites |
| ASTM D5641/D5641M | (2016) Standard Practice for Geomembrane Seam Evaluation by Vacuum Chamber |
| ASTM D5643/D5643M | (2012) Standard Specification for Coal Tar Roof Cement, Asbestos Free |
| ASTM D5685 | (2019) Standard Specification for "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pressure Pipe Fittings |
| ASTM D5721 | (2008; R 2013) Air-Oven Aging of Polyolefin Geomembranes |
| ASTM D5759 | (2012) Characterization of Coal Fly Ash and Clean Coal Combustion Fly Ash for Potential Uses |
| ASTM D5793 | (2018) Standard Test Method for Binding Sites Per Unit Length or Width of Pile Yarn Floor Coverings |
| ASTM D5813 | (2004; R 2008) Standard Specification for Cured-In-Place Thermosetting Resin Sewer Piping Systems |
| ASTM D5820 | (1995; R 2018) Standard Practice for Pressurized Air Channel Evaluation of Dual Seamed Geomembranes |

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|-------------------|---|
| ASTM D5821 | (2013; R 2017) Standard Test Method for Determining the Percentage of Fractured Particles in Coarse Aggregate |
| ASTM D5848 | (2010; E 2010) Mass Per Unit Area of Pile Yarn Floor Coverings |
| ASTM D5851 | (1995; R 2015) Planning and Implementing a Water Monitoring Program |
| ASTM D5852 | (2000; R 2007; E 2014) Standard Test Method for Erodibility Determination of Soil in the Field or in the Laboratory by the Jet Index Method |
| ASTM D5864 | (2011) Standard Test Method for Determining Aerobic Aquatic Biodegradation of Lubricants or Their Components |
| ASTM D5870 | (2016) Standard Practice for Calculating Property Retention Index of Plastics |
| ASTM D5884/D5884M | (2004a; R 2015; E 2015) Standard Test Method for Determining Tearing Strength of Internally Reinforced Geomembranes |
| ASTM D5885/D5885M | (2017) Standard Test Method for Oxidative Induction Time of Polyolefin Geosynthetics by High-Pressure Differential Scanning Calorimetry |
| ASTM D5887/D5887M | (2016) Standard Test Method for Measurement of Index Flux Through Saturated Geosynthetic Clay Liner Specimens Using a Flexible Wall Permeameter |
| ASTM D5888 | (2006; R 2016) Standard Guide for Storage and Handling of Geosynthetic Clay Liners |
| ASTM D5889/D5889M | (2018) Standard Practice for Quality Control of Geosynthetic Clay Liners |
| ASTM D5890 | (2011) Swell Index of Clay Mineral Component of Geosynthetic Clay Liners |
| ASTM D5891/D5891M | (2002; R 2016; E 2016) Fluid Loss of Clay Component of Geosynthetic Clay Liners |
| ASTM D5893/D5893M | (2016) Standard Specification for Cold Applied, Single Component, Chemically Curing Silicone Joint Sealant for Portland Cement Concrete Pavements |
| ASTM D5894 | (2016) Standard Practice for Cyclic Salt Fog/UV Exposure of Painted Metal, (Alternating Exposures in a Fog/Dry Cabinet and a UV/Condensation Cabinet) |
| ASTM D5948 | (2005; R 2012) Standard Specification for Molding Compounds, Thermosetting |
| ASTM D5993 | (2014) Measuring Mass Per Unit of Geosynthetic Clay |

Liners

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| ASTM D5994/D5994M | (2010; R 2015; E2015) Standard Test Method for Measuring Core Thickness of Textured Geomembranes |
| ASTM D6072/D6072M | (2019) Standard Practice for Obtaining Samples of Geosynthetic Clay Liners |
| ASTM D6081 | (1998; R 2014) Aquatic Toxicity Testing of Lubricants: Sample Preparation and Results Interpretation |
| ASTM D6108 | (2013) Standard Test Method for Compressive Properties of Plastic Lumber and Shapes |
| ASTM D6109 | (2013) Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastic Lumber and Related Products |
| ASTM D6111 | (2013a) Standard Test Method for Bulk Density and Specific Gravity of Plastic Lumber and Shapes by Displacement |
| ASTM D6112 | (2013) Compressive and Flexural Creep and Creep-Rupture of Plastic Lumber and Shapes |
| ASTM D6117 | (2016) Standard Test Methods for Mechanical Fasteners in Plastic Lumber and Shapes |
| ASTM D6155 | (2019) Nontraditional Coarse Aggregate for Bituminous Paving Mixtures |
| ASTM D6162/D6162M | (2016) Standard Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements |
| ASTM D6163/D6163M | (2016) Standard Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Glass Fiber Reinforcements |
| ASTM D6164/D6164M | (2016) Standard Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Polyester Reinforcements |
| ASTM D6214/D6214M | (2013) Determining the Integrity of Field Seams Used in Joining Geomembranes by Chemical Fusion Methods |
| ASTM D6222/D6222M | (2016) Standard Specification for Atactic Polypropylene (ARP) Modified Bituminous Sheet Materials Using Polyester Reinforcements |
| ASTM D6223/D6223M | (2016) Standard Specification for Atactic Polypropylene (ARP) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements |

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| ASTM D6226 | (2010) Standard Test Method for Open Cell Content of Rigid Cellular Plastics |
| ASTM D6237 | (2019) Standard Guide for Painting Inspectors (Concrete and Masonry Substrates) |
| ASTM D6241 | (2014) Standard Test Method for the Static Puncture Strength of Geotextiles and Geotextile-Related Products Using a 50-mm Probe |
| ASTM D6243/D6243M | (2016) Determining the Internal and Interface Shear Resistance of Geosynthetic Clay Liner by the Direct Shear Method |
| ASTM D6245 | (2012) Using Indoor Carbon Dioxide Concentrations to Evaluate Indoor Air Quality and Ventilation |
| ASTM D6298 | (2016) Standard Specification for Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Bituminous Sheet with a Factory Applied Metal Surface |
| ASTM D6304 | (2016; E 2016) Standard Test Method for Determination of Water in Petroleum Products, Lubricating Oils, and Additives by Coulometric Karl Fischer Titration |
| ASTM D6307 | (2019) Standard Test Method for Asphalt Content of Asphalt Mixture by Ignition Method |
| ASTM D6330 | (1998; R 2014) Standard Practice for Determination of Volatile Organic Compounds (Excluding Formaldehyde) Emissions from Wood-Based Panels Using Small Environmental Chambers Under Defined Test Conditions |
| ASTM D6345 | (2010) Standard Guide for Selection of Methods for Active, Integrative Sampling of Volatile Organic Compounds in Air |
| ASTM D6368 | (2006; R 2012) Standard Specification for Vapor-Degreasing Grade, and General Grade Normal - Propyl Bromide |
| ASTM D6369 | (1999; R 2006) Design of Standard Flashing Details for EPDM Roof Membranes |
| ASTM D6373 | (2016) Standard Specification for Performance Graded Asphalt Binder |
| ASTM D6380/D6380M | (2003; E 2013; R 2013) Standard Specification for Asphalt Roll Roofing (Organic Felt) |
| ASTM D6386 | (2016) Standard Practice for Preparation of Zinc (Hot-Dip Galvanized) Coated Iron and Steel Product and Hardware Surfaces for Painting |

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| ASTM D6390 | (2011; R 2017) Standard Test Method for Determination of Draindown Characteristics in Uncompacted Asphalt Mixtures |
| ASTM D6392 | (2012; R 2018) Standard Test Method for Determining the Integrity of Nonreinforced Geomembrane Seams Produced Using Thermo-Fusion Methods |
| ASTM D6496/D6496M | (2004a; R 2015; E 2015) Standard Test Method for Determining Average Bonding Peel Strength Between Top and Bottom Layers of Needle-Punched Geosynthetic Clay Liners |
| ASTM D6497/D6497M | (2002; R 2015; E 2015) Standard Guide for Mechanical Attachment of Geomembrane to Penetrations or Structures |
| ASTM D6628 | (2003; R 2015) Standard Specification for Color of Pavement Marking Materials |
| ASTM D6629 | (2001; R 2012; E 2012) Selection of Methods for Estimating Soil Loss by Erosion |
| ASTM D6637 | (2011) Standard Test Method for Determining Tensile Properties of Geogrids by the Single or Multi-Rib Tensile Method |
| ASTM D6638 | (2011) Determining Connection Strength Between Geosynthetic Reinforcement and Segmental Concrete Units (Modular Concrete Blocks) |
| ASTM D6690 | (2015) Standard Specification for Joint and Crack Sealants, Hot Applied, for Concrete and Asphalt Pavements |
| ASTM D6693/D6693M | (2004; R 2015; E 2015) Standard Test Method for Determining Tensile Properties of Nonreinforced Polyethylene and Nonreinforced Flexible Polypropylene Geomembranes |
| ASTM D6706 | (2001; R 2013) Standard Test Method for Measuring Geosynthetic Pullout Resistance in Soil |
| ASTM D6725/D6725M | (2016) Standard Practice for Direct Push Installation of Prepacked Screen Monitoring Wells in Unconsolidated Aquifers |
| ASTM D6754/D6754M | (2010) Standard Specification for Ketone Ethylene Ester Based Sheet Roofing |
| ASTM D6757/D6757M | (2018) Standard Specification for Underlayment Felt Containing Inorganic Fibers Used in Steep-Slope Roofing |
| ASTM D6765 | (2012) Standard Practice for Live Staking |
| ASTM D6768/D6768M | (2004; R 2015; E 2015; E 2015) Standard Test Method |

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| ASTM D6836 | (2016) Standard Test Methods for Determination of the Soil Water Characteristic Curve for Desorption Using a Hanging Column, Pressure Extractor, Chilled Mirror Hygrometer, and/or Centrifuge |
| ASTM D6859 | (2011) Standard Test Method for Pile Thickness of Finished Level Pile Yarn Floor Coverings |
| ASTM D6871 | (2017) Standard Specification for Natural (Vegetable Oil) Ester Fluids Used in Electrical Apparatus |
| ASTM D6925 | (2014) Standard Test Method for Preparation and Determination of the Relative Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor |
| ASTM D6926 | (2016) Standard Practice for Preparation of Asphalt Mixture Specimens Using Marshall Apparatus |
| ASTM D6927 | (2015) Standard Test Method for Marshall Stability and Flow of Bituminous Mixtures |
| ASTM D6938 | (2017a) Standard Test Method for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth) |
| ASTM D6944 | (2015) Standard Practice for Determining the Resistance of Cured Coatings to Thermal Cycling |
| ASTM D7002 | (2016) Standard Practice for Leak Location on Exposed Geomembranes Using the Water Puddle System |
| ASTM D7005 | (2003; R 2008) Standard Test Method for Determining the Bond Strength (Ply Adhesion) of Geocomposites |
| ASTM D7006 | (2013) Standard Practice for Ultrasonic Testing of Geomembranes |
| ASTM D7007 | (2016) Standard Practices for Electrical Methods for Locating Leaks in Geomembranes Covered with Water or Earth Materials |
| ASTM D7091 | (2013) Standard Practice for Nondestructive Measurement of Dry Film Thickness of Nonmagnetic Coatings Applied to Ferrous Metals and Nonmagnetic, Nondestructive Coatings Applied to Non-Ferrous Metals |
| ASTM D7127 | (2017) Standard Test Method for Measurement of Surface Roughness of Abrasive Blast Cleaned Metal Surfaces using a Portable Stylus Instrument |
| ASTM D7155 | (2011) Standard Practice for Evaluating Compatibility of Mixtures of Turbine Lubricating |

Oils

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|-------------------|---|
| ASTM D7158/D7158M | (2016) Standard Test Method for Wind Resistance of Asphalt Shingles (Uplift Force/Uplift Resistance Method) |
| ASTM D7175 | (2015) Standard Test Method for Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer |
| ASTM D7176 | (2006; R 2011) Non-Reinforced Polyvinyl Chloride (PVC) Geomembranes Used in Buried Applications |
| ASTM D7234 | (2012) Standard Test Method for Pull-Off Adhesion Strength of Coatings on Concrete Using Portable Pull-Off Adhesion Testers |
| ASTM D7238 | (2006; R 2012) Standard Test Method for Effect of Exposure of Unreinforced Polyolefin Geomembrane Using Fluorescent UV Condensation Apparatus |
| ASTM D7258 | (2017) Standard Specification for Polymeric Piles |
| ASTM D7272 | (2006; R 2018) Standard Test Method for Determining the Integrity of Seams Used in Joining Geomembranes by Pre-manufactured Taped Methods |
| ASTM D7330 | (2015) Standard Test Method for Assessment of Surface Appearance Change in Pile Floor Coverings Using Standard Reference Scales |
| ASTM D7334 | (2008; R 2013) Standard Practice for Surface Wettability of Coatings, Substrates and Pigments by Advancing Contact Angle Measurement |
| ASTM D7408 | (2012) Non Reinforced PVC (Polyvinyl Chloride) Geomembrane Seams |
| ASTM D7428 | (2015) Standard Test Method for Resistance of Fine Aggregate to Degradation by Abrasion in the Micro-Deval Apparatus |
| ASTM D7466 | (2010) Standard Test Method for Measuring Asperity Height of Textured Geomembranes |
| ASTM D7567 | (2009) Standard Test Method for Determining Gel Content in Crosslinked Ethylene Plastics Using Pressurized Liquid Extraction |
| ASTM D7588 | (2011) Standard Guide for FT-IR Fingerprinting of a Non-Aqueous Liquid Paint as Supplied in the Manufacturer's Container |
| ASTM D7611/D7611M | (2013; E 2014) Standard Practice for Coding Plastic Manufactured Articles for Resin Identification |
| ASTM D7700 | (2015) Standard Guide for Selecting Test Methods |

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|----------------|---|
| ASTM DEFONLINE | (2008) ASTM Online Dictionary of Engineering Science and Technology |
| ASTM E 1537 | (2016) Standard Test Method for Fire Testing of Upholstered Furniture |
| ASTM E 1590 | (2017) Standard Test Method for Fire Testing of Mattresses |
| ASTM E1 | (2014) Standard Specification for ASTM Liquid-in-Glass Thermometers |
| ASTM E10 | (2017) Standard Test Method for Brinell Hardness of Metallic Materials |
| ASTM E11 | (2016) Standard Specification for Woven Wire Test Sieve Cloth and Test Sieves |
| ASTM E18 | (2019) Standard Test Methods for Rockwell Hardness of Metallic Materials |
| ASTM E28 | (2014) Softening Point of Resins Derived from Naval Stores by Ring and Ball Apparatus |
| ASTM E72 | (2015) Conducting Strength Tests of Panels for Building Construction |
| ASTM E84 | (2018a) Standard Test Method for Surface Burning Characteristics of Building Materials |
| ASTM E90 | (2009; R2016) Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements |
| ASTM E94/E94M | (2017) Standard Guide for Radiographic Examination Using Industrial Radiographic Film |
| ASTM E96/E96M | (2016) Standard Test Methods for Water Vapor Transmission of Materials |
| ASTM E100 | (2017) Standard Specification for ASTM Hydrometers |
| ASTM E108 | (2011) Fire Tests of Roof Coverings |
| ASTM E110 | (2014) Standard Test Method for Rockwell and Brinell Hardness of Metallic Materials by Portable Hardness Testers |
| ASTM E114 | (2015) Standard Practice for Ultrasonic Pulse-Echo Straight-Beam Contact Testing |
| ASTM E119 | (2019) Standard Test Methods for Fire Tests of Building Construction and Materials |
| ASTM E122 | (2017) Standard Practice for Calculating Sample |

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| | Size to Estimate, With Specified Precision, the Average for a Characteristic of a Lot or Process |
| ASTM E125 | (1963; R 2013) Photographs for Magnetic Particle Indications on Ferrous Castings |
| ASTM E126 | (2013a) Inspection and Verification of Hydrometers |
| ASTM E136 | (2019) Standard Test Method for Assessing Combustibility of Materials Using a Vertical Tube Furnace at 750 Degrees C |
| ASTM E154/E154M | (2008a; R 2013; E 2013) Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover |
| ASTM E162 | (2015b) Surface Flammability of Materials Using a Radiant Heat Energy Source |
| ASTM E164 | (2019) Standard Practice for Contact Ultrasonic Testing of Weldments |
| ASTM E165/E165M | (2018) Standard Practice for Liquid Penetrant Examination for General Industry |
| ASTM E169 | (2016) Standard Practices for General Techniques of Ultraviolet-Visible Quantitative Analysis |
| ASTM E204 | (1998; R 2007) Identification of Material by Infrared Absorption Spectroscopy, Using the ASTM Coded Band and Chemical Classification Index |
| ASTM E228 | (2017) Standard Test Method for Linear Thermal Expansion of Solid Materials with a Push-Rod Dilatometer |
| ASTM E230/E230M | (2012) Standard Specification and Temperature-Electromotive Force (emf) Tables for Standardized Thermocouples |
| ASTM E283 | (2004; R 2012) Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen |
| ASTM E290 | (2014) Bend Testing of Material for Ductility |
| ASTM E308 | (2017) Standard Practice for Computing the Colors of Objects by Using the CIE System |
| ASTM E329 | (2018) Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection |
| ASTM E330/E330M | (2014) Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference |

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| ASTM E331 | (2000; R 2016) Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference |
| ASTM E336 | (2019a) Standard Test Method for Measurement of Airborne Sound Attenuation between Rooms in Buildings |
| ASTM E337 | (2015) Measuring Humidity with a Psychrometer (The Measurement of Wet- and Dry-Bulb Temperatures) |
| ASTM E381 | (2017) Standard Method of Macroetch Testing Steel Bars, Billets, Blooms, and Forgings |
| ASTM E408 | (2013) Standard Test Methods for Total Normal Emittance of Surfaces Using Inspection-Meter Techniques |
| ASTM E413 | (2016) Classification for Rating Sound Insulation |
| ASTM E424 | (1971; R 2015) Standard Test Methods for Solar Energy Transmittance and Reflectance (Terrestrial) of Sheet Materials |
| ASTM E438 | (1992; R 2018) Standard Specification for Glasses in Laboratory Apparatus |
| ASTM E446 | (2014) Radiographs for Steel Castings Up to 2 In. (51mm) in Thickness |
| ASTM E488/E488M | (2015) Standard Test Methods for Strength of Anchors in Concrete and Masonry Elements |
| ASTM E514/E514M | (2014a) Standard Test Method for Water Penetration and Leakage Through Masonry |
| ASTM E515 | (2011) Leaks Using Bubble Emission Techniques |
| ASTM E543 | (2015) Standard Practice for Agencies Performing Non-Destructive Testing |
| ASTM E546 | (2014) Frost Point of Sealed Insulating Glass Units |
| ASTM E557 | (2012) Installation of Operable Partitions |
| ASTM E576 | (2014) Frost Point of Sealed Insulating Glass Units in the Vertical Position |
| ASTM E580/E580M | (2017) Standard Practice for Installation of Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels in Areas Subject to Earthquake Ground Motions |
| ASTM E596 | (1996; R 2016) Standard Test Method for Laboratory Measurement of Noise Reduction of Sound-Isolating Enclosures |

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|-----------------|--|
| ASTM E605 | (1993; R 2011) Thickness and Density of Sprayed Fire-Resistive Material (SFRM) Applied to Structural Members |
| ASTM E605/E605M | (1993; R 2015; E 2015) Standard Test Methods for Thickness and Density of Sprayed Fire-Resistive Material (SFRM) Applied to Structural Members |
| ASTM E648 | (2017a) Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source |
| ASTM E661 | (2003; R 2015; E 2015) Standard Test Method for Performance of Wood and Wood-Based Floor and Roof Sheathing Under Concentrated Static and Impact Loads |
| ASTM E662 | (2019) Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials |
| ASTM E695 | (2003; R 2015; E 2015) Measuring Relative Resistance of Wall, Floor, and Roof Construction to Impact Loading |
| ASTM E699 | (2009) Standard Practice for Evaluation of Agencies Involved in Testing, Quality Assurance, and Evaluating of Building Components |
| ASTM E709 | (2015) Standard Guide for Magnetic Particle Examination |
| ASTM E736 | (2000; R 2011) Cohesion/Adhesion of Sprayed Fire-Resistive Materials Applied to Structural Members |
| ASTM E736/E736M | (2017) Standard Test Method for Cohesion/Adhesion of Sprayed Fire-Resistive Materials Applied to Structural Members |
| ASTM E759/E759M | (1992; R 2015; E 2015) Standard Test Method for Effect of Deflection on Sprayed Fire-Resistive Material Applied to Structural Members |
| ASTM E760/E760M | (1992; R 2015; E 2015) Standard Test Method for Effect of Impact on Bonding of Sprayed Fire-Resistive Material Applied to Structural Members |
| ASTM E761 | (1992; R 2011) Compressive Strength of Sprayed Fire-Resistive Material Applied to Structural Members |
| ASTM E761/E761M | (1992; R 2015; E 2015) Standard Test Method for Compressive Strength of Sprayed Fire-Resistive Material Applied to Structural Members |
| ASTM E772 | (2015) Standard Terminology of Solar Energy Conversion |

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| ASTM E779 | (2019) Standard Test Method for Determining Air Leakage Rate by Fan Pressurization |
| ASTM E783 | (2002; R 2018) Standard Test Method for Field Measurement of Air Leakage Through Installed Exterior Windows and Doors |
| ASTM E795 | (2016) Standard Practices for Mounting Test Specimens During Sound Absorption Tests |
| ASTM E814 | (2013a; R 2017) Standard Test Method for Fire Tests of Penetration Firestop Systems |
| ASTM E822 | (1992; R 2009) Standard Practice for Determining Resistance of Solar Collector Covers to Hail by Impact With Propelled Ice Balls |
| ASTM E831 | (2014) Linear Thermal Expansion of Solid Materials by Thermomechanical Analysis |
| ASTM E859/E859M | (1993; R 2015; E 2015) Standard Test Method for Air Erosion of Sprayed Fire-Resistive Materials (SFRMs) Applied to Structural Members |
| ASTM E937/E937M | (1993; R 2015; E 2015) Standard Test Method for Corrosion of Steel by Sprayed Fire-Resistive Material (SFRM) Applied to Structural Members |
| ASTM E953/E953M | (2016) Standard Practice for Fusibility of Refuse-Derived Fuel (RDF) Ash |
| ASTM E971 | (2011) Standard Practice for Calculation of Photometric Transmittance and Reflectance of Materials to Solar Radiation |
| ASTM E1030/E1030M | (2015) Standard Test Method for Radiographic Examination of Metallic Castings |
| ASTM E1032 | (2019) Standard Practice for Radiographic Examination of Weldments Using Industrial X-Ray Film |
| ASTM E1042 | (2002; R 2014) Acoustically Absorptive Materials Applied by Trowel or Spray |
| ASTM E1067/E1067M | (2018) Standard Practice for Acoustic Emission Examination of Fiberglass Reinforced Plastic Resin (FRP) Tanks/Vessels |
| ASTM E1105 | (2015) Standard Test Method for Field Determination of Water Penetration of Installed Exterior Windows, Skylights, Doors, and Curtain Walls, by Uniform or Cyclic Static Air Pressure Difference |
| ASTM E1146 | (2016) Standard Specification for Muriatic Acid (Technical Grade Hydrochloric Acid) |
| ASTM E1155 | (2014) Standard Test Method for Determining Floor |

Flatness and Floor Levelness Numbers

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| ASTM E1155M | (2014) Standard Test Method for Determining Floor Flatness and Floor Levelness Numbers (Metric) |
| ASTM E1160 | (2013) Standard Guide for On-Site Inspection and Verification of Operation of Solar Domestic Hot Water Systems |
| ASTM E1171 | (2015) Standard Test Methods for Photovoltaic Modules in Cyclic Temperature and Humidity Environments |
| ASTM E1186 | (2017) Standard Practices for Air Leakage Site Detection in Building Envelopes and Air Barrier Systems |
| ASTM E1258 | (1988; R 2018) Standard Test Method for Airflow Calibration of Fan Pressurization Devices |
| ASTM E1264 | (2019) Acoustical Ceiling Products |
| ASTM E1274 | (2018) Standard Test Method for Measuring Pavement Roughness Using a Profilograph |
| ASTM E1289 | (2008; R 2016) Standard Specification for Reference Specimen for Sound Transmission Loss |
| ASTM E1300 | (2016) Standard Practice for Determining Load Resistance of Glass in Buildings |
| ASTM E1332 | (2016) Standard Classification for Rating Outdoor-Indoor Sound Attenuation |
| ASTM E1347 | (2006; R 2011) Color and Color Difference Measurement by Tristimulus (Filter) Colorimetry |
| ASTM E1349 | (2006; R 2013) Standard Test Method for Reflectance Factor and Color by Spectrophotometry Using Bidirectional (45°:0° or 0°:45°) Geometry |
| ASTM E1368 | (2014) Visual Inspection of Asbestos Abatement Projects |
| ASTM E1399/E1399M | (1997; R 2017) Standard Test Method for Cyclic Movement and Measuring the Minimum and Maximum Joint Widths of Architectural Joint Systems |
| ASTM E1414/E1414M | (2011a; E 2014) Airborne Sound Attenuation Between Rooms Sharing a Common Ceiling Plenum |
| ASTM E1417/E1417M | (2016) Standard Practice for Liquid Penetrant Testing |
| ASTM E1424 | (1991; R 2016) Standard Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure |

and Temperature Differences Across the Specimen

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| ASTM E1477 | (1998a; R 2017; E 2018) Standard Test Method for Luminous Reflectance Factor of Acoustical Materials by Use of Integrating-Sphere Reflectometers |
| ASTM E1494 | (2012) Encapsulants for Spray- or Trowel-Applied Friable Asbestos-Containing Building Materials |
| ASTM E1592 | (2005; R 2012) Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference |
| ASTM E1613 | (2012) Standard Test Method for Determination of Lead by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES), Flame Atomic Absorption Spectrometry (FAAS), or Graphite Furnace Atomic Absorption Spectrometry (GFAAS) Techniques |
| ASTM E1643 | (2018a) Standard Practice for Selection, Design, Installation, and Inspection of Water Vapor Retarders Used in Contact with Earth or Granular Fill Under Concrete Slabs |
| ASTM E1644 | (2017) Standard Practice for Hot Plate Digestion of Dust Wipe Samples for the Determination of Lead |
| ASTM E1646 | (1995; R 2018) Standard Test Method for Water Penetration of Exterior Metal Roof Panel Systems by Uniform Air Pressure Difference |
| ASTM E1680 | (2016) Standard Test Method for Rate of Air Leakage Through Exterior Metal Roof Panel Systems |
| ASTM E1710 | (2011) Standard Test Method for Measurement of Retroreflective Pavement Marking Materials with CEN-Prescribed Geometry Using a Portable Retroreflectometer |
| ASTM E1726 | (2001; R 2009) Preparation of Soil Samples by Hotplate Digestion for Subsequent Lead Analysis |
| ASTM E1727 | (2016) Standard Practice for Field Collection of Soil Samples for Subsequent Lead Determination |
| ASTM E1728 | (2016) Collection of Settled Dust Samples Using Wipe Sampling Methods for Subsequent Lead Determination |
| ASTM E1742/E1742M | (2018) Standard Practice for Radiographic Examination |
| ASTM E1745 | (2017) Standard Specification for Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs |
| ASTM E1792 | (2003; R 2016) Standard Specification for Wipe |

Sampling Materials for Lead in Surface Dust

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| ASTM E1827 | (2011; R 2017) Standard Test Methods for Determining Airtightness of Buildings Using an Orifice Blower Door |
| ASTM E1886 | (2019) Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials |
| ASTM E1918 | (2016) Standard Test Method for Measuring Solar Reflectance of Horizontal and Low-Sloped Surfaces in the Field |
| ASTM E1920 | (2003; R 2014) Standard Guide for Metallographic Preparation of Thermal Sprayed Coatings |
| ASTM E1955 | (2004; R 2014) Standard Radiographic Examination for Soundness of Welds in Steel by Comparison to Graded ASTM E 390 Reference Radiographs |
| ASTM E1966 | (2015; R 2019) Standard Test Method for Fire-Resistive Joint Systems |
| ASTM E1971 | (2005; R 2011) Standard Guide for Stewardship for the Cleaning of Commercial and Institutional Buildings |
| ASTM E1980 | (2011) Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces |
| ASTM E1993/E1993M | (1998; R 2013; E 2013) Standard Specification for Bituminous Water Vapor Retarders Used in Contact with Soil or Granular Fill Under Concrete Slabs |
| ASTM E1996 | (2017) Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes |
| ASTM E2016 | (2015) Standard Specification for Industrial Woven Wire Cloth |
| ASTM E2029 | (2011) Standard Test Method for Volumetric and Mass Flow Rate Measurement in a Duct Using Tracer Gas Dilution |
| ASTM E2074 | (2000e1) Standard Test Method for Fire Tests of Door Assemblies, Including Positive Pressure Testing of Side-Hinged and Pivoted Swinging Door Assemblies |
| ASTM E2098/E2098M | (2013) Determining Tensile Breaking Strength of Glass Fiber Reinforcing Mesh for Use in Class PB Exterior Insulation and Finish Systems (EIFS) after |

Exposure to a Sodium Hydroxide Solution

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| ASTM E2112 | (2019c) Standard Practice for Installation of Exterior Windows, Doors and Skylights |
| ASTM E2121 | (2013) Standard Practice for Installing Radon Mitigation Systems in Existing Low-Rise Residential Buildings |
| ASTM E2129 | (2010) Standard Practice for Data Collection for Sustainability Assessment of Building Products |
| ASTM E2140 | (2001; R 2017) Standard Test Method for Water Penetration of Metal Roof Panel Systems by Static Water Pressure Head |
| ASTM E2174 | (2014b) Standard Practice for On-Site Inspection of Installed Fire Stops |
| ASTM E2177 | (2011) Standard Test Method for Measuring the Coefficient of Retroreflected Luminance (RL) of Pavement Markings in a Standard Condition of Wetness |
| ASTM E2178 | (2013) Standard Test Method for Air Permeance of Building Materials |
| ASTM E2190 | (2010) Standard Specification for Insulating Glass Unit Performance and Evaluation |
| ASTM E2226 | (2015; R 2019b) Standard Practice for Application of Hose Stream |
| ASTM E2231 | (2018) Standard Practice for Specimen Preparation and Mounting of Pipe and Duct Insulation Materials to Assess Surface Burning Characteristics |
| ASTM E2260 | (2012) Standard Guide for Repointing (Tuckpointing) Historic Masonry |
| ASTM E2302 | (2003; R 2016) Standard Test Method for Measurement of the Luminance Coefficient Under Diffuse Illumination of Pavement Marking Materials Using a Portable Reflectometer |
| ASTM E2307 | (2015a) Standard Test Method for Determining Fire Resistance of Perimeter Fire Barrier Systems Using Intermediate-Scale, Multi-story Test Apparatus |
| ASTM E2336 | (2016) Standard Test Methods for Fire Resistive Grease Duct Enclosure Systems |
| ASTM E2356 | (2018) Standard Practice for Comprehensive Building Asbestos Surveys |
| ASTM E2357 | (2017) Standard Test Method for Determining Air Leakage of Air Barrier Assemblies |

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| ASTM E2393 | (2010a) Standard Practice for On-Site Inspection of Installed Fire Resistive Joint Systems and Perimeter Fire Barriers |
| ASTM E2461 | (2012; R 2017) Standard Practice for Determining the Thickness of Glass in Airport Traffic Control Tower Cabs |
| ASTM E2486 | (2006) Standard Test Method for Impact Resistance of Class PB and PI Exterior Insulation and Finish Systems (EIFS) |
| ASTM E2570/E2570M | (2007; R 2014; E 2014) Standard Test Methods for Evaluating Water-Resistive Barrier (WRB) Coatings Used under Exterior Insulation and Finish Systems (EIFS) or EIFS with Drainage |
| ASTM E2659 | (2018) Standard Practice for Certificate Programs |
| ASTM E2700 | (2014) Standard Practice for Contact Ultrasonic Testing of Welds Using Phased Arrays |
| ASTM E3061 | (2017) Standard Test Method for Analysis of Aluminum and Aluminum Alloys by Inductively Coupled Plasma Atomic Emission Spectrometry (Performance-Based Method) |
| ASTM F36 | (2015) Compressibility and Recovery of Gasket Materials |
| ASTM F104 | (2011) Standard Classification System for Nonmetallic Gasket Materials |
| ASTM F147 | (1987; R 2017) Standard Test Method for Flexibility of Non-Metallic Gasket Materials |
| ASTM F148 | (2013) Binder Durability of Cork Composition Gasket Materials |
| ASTM F150 | (2006; R 2013) Standard Test Method for Electrical Resistance of Conductive and Static Dissipative Resilient Flooring |
| ASTM F152 | (1995; R 2009) Tension Testing of Nonmetallic Gasket Materials |
| ASTM F312 | (2008; R 2016) Standard Test Methods for Microscopical Sizing and Counting Particles from Aerospace Fluids on Membrane Filters |
| ASTM F331 | (2013) Standard Test Method for Nonvolatile Residue of Solvent Extract from Aerospace Components (Using Flash Evaporator) |
| ASTM F336 | (2002; R 2016) Standard Practice for Design and Construction of Nonmetallic Enveloped Gaskets for Corrosive Service |

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| ASTM F402 | (2005; R 2012) Safe Handling of Solvent Cements, Primers, and Cleaners Used for Joining Thermoplastic Pipe and Fittings |
| ASTM F409 | (2017) Standard Specification for Thermoplastic Accessible and Replaceable Plastic Tube and Tubular Fittings |
| ASTM F428 | (2019) Intensity of Scratches on Aerospace Glass Enclosures |
| ASTM F436 | (2011) Hardened Steel Washers |
| ASTM F436/F436M | (2016) Standard Specification for Hardened Steel Washers Inch and Metric Dimensions |
| ASTM F436M | (2011) Hardened Steel Washers (Metric) |
| ASTM F437 | (2015) Standard Specification for Threaded Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80 |
| ASTM F438 | (2017) Standard Specification for Socket-Type Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40 |
| ASTM F439 | (2019) Standard Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80 |
| ASTM F441/F441M | (2013; E 2013) Standard Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80 |
| ASTM F442/F442M | (2013; E 2013) Standard Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe (SDR-PR) |
| ASTM F446 | (2019) Standard Consumer Safety Specification for Grab Bars and Accessories Installed in the Bathing Area |
| ASTM F467 | (2013; E 2014; E 2014) Standard Specification for Nonferrous Nuts for General Use |
| ASTM F468 | (2016) Standard Specification for Nonferrous Bolts, Hex Cap Screws, and Studs for General Use |
| ASTM F477 | (2014) Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe |
| ASTM F480 | (2014) Thermoplastic Well Casing Pipe and Couplings Made in Standard Dimension Ratios (SDR), SCH 40 and SCH 80 |
| ASTM F493 | (2014) Solvent Cements for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings |

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| ASTM F512 | (2019) Standard Specification for Smooth-Wall Poly (Vinyl Chloride) (PVC) Conduit and Fittings for Underground Installation |
| ASTM F520 | (2016) Standard Test Method for Environmental Resistance of Aerospace Transparencies to Artificially Induced Exposures |
| ASTM F521 | (2016) Standard Test Methods for Bond Integrity of Transparent Laminates |
| ASTM F547 | (2017) Standard Terminology of Nails for Use with Wood and Wood-Base Materials |
| ASTM F548 | (2019) Standard Test Method for Intensity of Scratches on Aerospace Transparent Plastics |
| ASTM F567 | (2014a) Standard Practice for Installation of Chain Link Fence |
| ASTM F568M | (2007) Standard Specification for Carbon and Alloy Steel Externally Threaded Metric Fasteners |
| ASTM F585 | (2016) Standard Guide for Insertion of Flexible Polyethylene Pipe into Existing Sewers |
| ASTM F593 | (2017) Standard Specification for Stainless Steel Bolts, Hex Cap Screws, and Studs |
| ASTM F594 | (2009; E 2015) Standard Specification for Stainless Steel Nuts |
| ASTM F626 | (2014) Standard Specification for Fence Fittings |
| ASTM F628 | (2012; E 2013; E 2016; E 2018) Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe with a Cellular Core |
| ASTM F656 | (2010) Primers for Use in Solvent Cement Joints of Poly(Vinyl Chloride) (PVC) Plastic Pipe and Fittings |
| ASTM F667/F667M | (2016) Standard Specification for 3 through 24 in. Corrugated Polyethylene Pipe and Fittings |
| ASTM F668 | (2017) Standard Specification for Poly(Vinyl Chloride) (PVC) and other Organic Polymer-Coated Steel Chain-Link Fence Fabric |
| ASTM F679 | (2016) Standard Specification for Poly(Vinyl Chloride) (PVC) Large-Diameter Plastic Gravity Sewer Pipe and Fittings |
| ASTM F710 | (2019) Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring |
| ASTM F714 | (2013; R 2019) Standard Specification for |

Polyethylene (PE) Plastic Pipe (DR-PR) Based on Outside Diameter

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| ASTM F735 | (2017) Standard Test Method for Abrasion Resistance of Transparent Plastics and Coatings Using the Oscillating Sand Method |
| ASTM F758 | (2014) Smooth-Wall Poly(Vinyl Chloride) (PVC) Plastic Underdrain Systems for Highway, Airport, and Similar Drainage |
| ASTM F791 | (1996; R 2013) Stress Cracking of Transparent Plastics |
| ASTM F793/F793M | (2010a) Wallcovering by Durability Characteristics |
| ASTM F794 | (2003; R 2014) Standard Specification for Poly(Vinyl Chloride) (PVC) Profile Gravity Sewer Pipe and Fittings Based on Controlled Inside Diameter |
| ASTM F835 | (2018) Standard Specification for Alloy Steel Socket Button and Flat Countersunk Head Cap Screws |
| ASTM F836M | (2016, E 2018) Standard Specification for Style 1 Stainless Steel Metric Nuts (Metric) |
| ASTM F842 | (2017) Standard Test Methods for Measuring the Forced Entry Resistance of Sliding Door Assemblies, Excluding Glazing Impact |
| ASTM F844 | (2007a; R 2013) Washers, Steel, Plain (Flat), Unhardened for General Use |
| ASTM F851 | (1987; R 2013) Standard Test Method for Self-Rising Seat Mechanisms |
| ASTM F855 | (2015) Standard Specifications for Temporary Protective Grounds to Be Used on De-energized Electric Power Lines and Equipment |
| ASTM F872 | (1984; R 1990) Filter Units, Air Conditioning: Viscous-Impingement Type, Cleanable |
| ASTM F876 | (2017) Standard Specification for Crosslinked Polyethylene (PEX) Tubing |
| ASTM F877 | (2019) Standard Specification for Crosslinked Polyethylene (PEX) Plastic Hot- and Cold-Water Distribution Systems |
| ASTM F883 | (2013) Padlocks |
| ASTM F891 | (2016) Standard Specification for Coextruded Poly (Vinyl Chloride) (PVC) Plastic Pipe with a Cellular Core |

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| ASTM F894 | (2019) Standard Specification for Polyethylene (PE) Large Diameter Profile Wall Sewer and Drain Pipe |
| ASTM F900 | (2011; R 2017) Standard Specification for Industrial and Commercial Swing Gates |
| ASTM F949 | (2015; R 2019) Standard Specification for Poly(Vinyl Chloride) (PVC) Corrugated Sewer Pipe with a Smooth Interior and Fittings |
| ASTM F959/F959M | (2017a) Standard Specification for Compressible-Washer-Type Direct Tension Indicators for Use with Structural Fasteners, Inch and Metric Series |
| ASTM F1007 | (2018) Standard Specification for Pipeline Expansion Joints of the Packed Slip Type for Marine Application |
| ASTM F1015 | (2003; R 2017) Standard Test Method for Relative Abrasiveness of Synthetic Turf Playing Surfaces |
| ASTM F1040 | (1987; R 2007) Standard Specification for Filter Units, Air Conditioning, Viscous - Impingement and Dry Types, Replaceable |
| ASTM F1043 | (2018) Standard Specification for Strength and Protective Coatings on Steel Industrial Fence Framework |
| ASTM F1055 | (2016a) Standard Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene and Crosslinked Polyethylene (PEX) Pipe and Tubing |
| ASTM F1056 | (2018) Standard Specification for Socket Fusion Tools for Use in Socket Fusion Joining Polyethylene Pipe or Tubing and Fittings |
| ASTM F1066 | (2004; R 2014; E 2014) Standard Specification for Vinyl Composition Floor Tile |
| ASTM F1077 | (2005) Selection of Committee F-16 Fastener Specifications |
| ASTM F1083 | (2018) Standard Specification for Pipe, Steel, Hot-Dipped Zinc Coated (Galvanized) Welded, for Fence Structures |
| ASTM F1097 | (2017) Standard Specification for Mortar, Refractory (High-Temperature, Air-Setting) |
| ASTM F1105 | (2009; R 2014) Preparing Aircraft Cleaning Compounds, Liquid-Type, Temperature-Sensitive, or Solvent-Based, for Storage Stability Testing |
| ASTM F1120 | (1987; R 2015) Standard Specification for Circular |

Metallic Bellows Type Expansion Joints for Piping Applications

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| ASTM F1136/F1136M | (2011) Standard Specification for Zinc/Aluminum Corrosion Protective Coatings for Fasteners |
| ASTM F1139 | (1988; R 2015) Steam Traps and Drains |
| ASTM F1145 | (2017) Standard Specifications for Turnbuckles, Swaged, Welded, Forged |
| ASTM F1172 | (1988; R 2015; E 2015) Standard Specification for Fuel Oil Meters of the Volumetric Positive Displacement Type |
| ASTM F1182 | (2007; R 2013) Anodes, Sacrificial Zinc Alloy |
| ASTM F1184 | (2016) Industrial and Commercial Horizontal Slide Gates |
| ASTM F1199 | (1988; R 2015) Cast (All Temperatures and Pressures) and Welded Pipe Line Strainers (150 psig and 150 degrees F Maximum) |
| ASTM F1200 | (1988; R 2016) Standard Specification for Fabricated (Welded) Pipe Line Strainers (Above 150 psig and 150 degrees F) |
| ASTM F1216 | (2016) Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube |
| ASTM F1233 | (2008; R 2013) Security Glazing Materials and Systems |
| ASTM F1249 | (2013) Standard Test Method for Water Vapor Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor |
| ASTM F1290 | (2019) Standard Practice for Electrofusion Joining Polyolefin Pipe and Fittings |
| ASTM F1292 | (2018) Standard Specification for Impact Attenuation of Surfacing Materials Within the Use Zone of Playground Equipment |
| ASTM F1303 | (2004; R 2014) Sheet Vinyl Floor Covering with Backing |
| ASTM F1344 | (2015) Rubber Floor Tile |
| ASTM F1412 | (2016) Standard Specification for Polyolefin Pipe and Fittings for Corrosive Waste Drainage Systems |
| ASTM F1417 | (2011a; R 2019) Standard Practice for Installation Acceptance of Plastic Non-pressure Sewer Lines Using Low-Pressure Air |

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| ASTM F1476 | (2007; R 2013) Standard Specification for Performance of Gasketed Mechanical Couplings for Use in Piping Applications |
| ASTM F1482 | (2015) Installation and Preparation of Panel Type Underlayments to Receive Resilient Flooring |
| ASTM F1483 | (2017) Standard Specification for Oriented Poly(Vinyl Chloride), PVCO, Pressure Pipe |
| ASTM F1487 | (2017) Standard Consumer Safety Performance Specification for Playground Equipment for Public Use |
| ASTM F1504 | (2014) Standard Specification for Folded Poly(Vinyl Chloride) (PVC) Pipe for Existing Sewer and Conduit Rehabilitation |
| ASTM F1508 | (1996; R 2016; E 2016) Standard Specification for Angle Style, Pressure Relief Valves for Steam, Gas, and Liquid Services |
| ASTM F1533 | (2001; R 2009) Standard Specification for Deformed Polyethylene (PE) Liner |
| ASTM F1545 | (2015a) Standard Specification for Plastic-Lined Ferrous Metal Pipe, Fittings and Flanges |
| ASTM F1554 | (2018) Standard Specification for Anchor Bolts, Steel, 36, 55, and 105-ksi Yield Strength |
| ASTM F1642/F1642M | (2017) Standard Test Method for Glazing and Glazing Systems Subject to Airblast Loadings |
| ASTM F1643 | (2012) Standard Test Methods for Detention Sliding Door Locking Device Assembly |
| ASTM F1667 | (2018a) Standard Specification for Driven Fasteners: Nails, Spikes, and Staples |
| ASTM F1668 | (2008) Standard Guide for Construction Procedures for Buried Plastic Pipe |
| ASTM F1674 | (2011) Standard Test Method for Joint Restraint Products for Use with PVC Pipe |
| ASTM F1679 | (2004e1) Standard Test Method for Using a Variable Incidence Tribometer |
| ASTM F1697 | (2009; R 2015) Standard Specification for Poly(Vinyl Chloride) (PVC) Profile Strip for Machine Spiral-Wound Liner Pipe Rehabilitation of Existing Sewers and Conduit |
| ASTM F1700 | (2018a) Standard Specification for Solid Vinyl Floor Tile |

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| ASTM F1741 | (2008; R 2016) Standard Practice for Installation of Machine Spiral Wound Poly (Vinyl Chloride) (PVC) Liner Pipe for Rehabilitation of Existing Sewers and Conduits |
| ASTM F1743 | (2016) Standard Practice for Rehabilitation of Existing Pipeline and Conduits by Pulled-In-Place Installation of Cured-In-Place Thermosetting Resin Pipe (CIPP) |
| ASTM F1760 | (2016) Standard Specification for Coextruded Poly(Vinyl Chloride) (PVC) Non-Pressure Plastic Pipe Having Reprocessed-Recycled Content |
| ASTM F1802 | (2015) Standard Test Method for Performance Testing of Excess Flow Valves |
| ASTM F1852 | (2014) Standard Specification for "Twist Off" Type Tension Control Structural Bolt/Nut/Washer Assemblies, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength |
| ASTM F1859 | (2014; E 2016) Standard Specification for Rubber Sheet Floor Covering Without Backing |
| ASTM F1860 | (2014; E 2016) Standard Specification for Rubber Sheet Floor Covering With Backing |
| ASTM F1861 | (2016) Standard Specification for Resilient Wall Base |
| ASTM F1867 | (2006; R 2012) Standard Practice for Installation of Folded/Formed Poly (Vinyl Chloride) (PVC) Pipe Type A for Existing Sewer and Conduit Rehabilitation |
| ASTM F1869 | (2016) Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride |
| ASTM F1871 | (2011) Standard Specification for Folded/Formed Poly (Vinyl Chloride) Pipe Type A for Existing Sewer and Conduit Rehabilitation |
| ASTM F1910 | (1998; R 2018) Standard Specification for Long Barbed Tape Obstacles |
| ASTM F1911 | (2005; R 2019) Standard Practice for Installation of Barbed Tape |
| ASTM F1913 | (2004; R 2014) Vinyl Sheet Floor Covering Without Backing |
| ASTM F1941 | (2010) Standard Specification for Electrodeposited Coatings on Threaded Fasteners (Unified Inch Screw Threads (UN/UNR)) |
| ASTM F1948 | (2015) Standard Specification for Metallic Fittings |

for Use on Outside Diameter Controlled
Thermoplastic Gas Distribution Pipe and Tubing

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| ASTM F1951 | (2014) Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment |
| ASTM F1962 | (2011) Standard Guide for Use of Maxi-Horizontal Directional Drilling for Placement of Polyethylene Pipe or Conduit Under Obstacles, Including River Crossings |
| ASTM F1973 | (2013; R 2018) Standard Specification for Factory Assembled Anodeless Risers and Transition Fittings in Polyethylene (PE) and Polyamide 11 (PA11) and Polyamide 12 (PA12) Fuel Gas Distribution Systems |
| ASTM F2015 | (2000; R 2013) Standard Specification for Lap Joint Flange Pipe End Applications |
| ASTM F2019 | (2011) Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Pulled in Place Installation of Glass Reinforced Plastic (GRP) Cured-in-Place Thermosetting Resin Pipe (CIPP) |
| ASTM F2034 | (2008; R 2013) Sheet Linoleum Floor Covering |
| ASTM F2138 | (2012; R 2017) Standard Specification for Excess Flow Valves for Natural Gas Service |
| ASTM F2145 | (2013; R 2018) Standard Specification for Polyamide 11 (PA 11) and Polyamide 12 (PA 12) Mechanical Fittings for Use on Outside Diameter Controlled Polyamide 11 and Polyamide 12 Pipe and Tubing |
| ASTM F2155 | (2001; R 2017) Standard Specification for Performance of Hasps and Other Attachment Devices for Padlocks of Seals |
| ASTM F2160 | (2016) Standard Specification for Solid Wall High Density Polyethylene (HDPE) Conduit Based on Controlled Outside Diameter (OD) |
| ASTM F2164 | (2018) Standard Practice for Field Leak Testing of Polyethylene (PE) and Crosslinked Polyethylene (PEX) Pressure Piping Systems Using Hydrostatic Pressure |
| ASTM F2169 | (2015; E 2016) Standard Specification for Resilient Stair Treads |
| ASTM F2170 | (2019) Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes |
| ASTM F2192 | (2005; R 2017) Standard Test Method for Determining and Reporting the Berthing Energy and Reaction of |

Marine Feeders

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| ASTM F2195 | (2013) Linoleum Floor Tile |
| ASTM F2247 | (2011; R 2017) Standard Test Method for Metal Doors Used in Blast Resistant Applications (Equivalent Static Load Method) |
| ASTM F2248 | (2012) Standard Practice for Specifying an Equivalent 3-Second Duration Design Loading for Blast Resistant Glazing Fabricated with Laminated Glass |
| ASTM F2285 | (2004; R 2016; E 2016) Standard Consumer Safety Performance Specification for Diaper Changing Tables for Commercial Use |
| ASTM F2329/F2329M | (2015) Standard Specification for Zinc Coating, Hot-Dip, Requirements for Application to Carbon and Alloy Steel Bolts, Screws, Washers, Nuts, and Special Threaded Fasteners |
| ASTM F2373 | (2011) Standard Consumer Safety Performance Specification for Public Use Play Equipment for Children 6 Months through 23 Months |
| ASTM F2387 | (2004; R 2012) Standard Specification for Manufactured Safety Vacuum Release Systems (SVRS) for Swimming Pools, Spas, and Hot Tubs |
| ASTM F2389 | (2017a) Standard Specification for Pressure-rated Polypropylene (PP) Piping Systems |
| ASTM F2408 | (2016) Standard Specification for Ornamental Fences Employing Galvanized Steel Tubular Pickets |
| ASTM F2562/F2562M | (2015) Specification for Steel Reinforced Thermoplastic Ribbed Pipe and Fittings for Non-Pressure Drainage and Sewerage |
| ASTM F2589 | (2016) Standard Specification for Ornamental Fences Employing Steel Tubular Pickets |
| ASTM F2600 | (2009; R 2018) Standard Specification for Electrofusion Type Polyamide-11 Fittings for Outside Diameter Controlled Polyamide-11 Pipe and Tubing |
| ASTM F2618 | (2019) Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Fittings for Chemical Waste Drainage Systems |
| ASTM F2620 | (2019) Standard Practice for Heat Fusion Joining of Polyethylene Pipe and Fittings |
| ASTM F2656/F2656M | (2018) Standard Test Method for Crash Testing of Vehicle Security Barriers |

| | |
|-------------------|---|
| ASTM F2736 | (2013; E 2014) Standard Specification for 6 to 30 in. (152 To 762 mm) Polypropylene (PP) Corrugated Single Wall Pipe And Double Wall Pipe |
| ASTM F2764/F2764M | (2018a) Standard Specification for 6 to 60 in. [150 to 1500 mm] Polypropylene (PP) Corrugated Double and Triple Wall Pipe and Fittings for Non-Pressure Sanitary Sewer Applications |
| ASTM F2772 | (2011) Standard Specification for Athletic Performance Properties of Indoor Sports Floor Systems |
| ASTM F2786 | (2010) Standard Practice for Field Leak Testing of Polyethylene (PE) Pressure Piping Systems Using Gaseous Media Under Pressure (Pneumatic Leak Testing) |
| ASTM F2814 | (2009; R 2015) Standard Guide for Design and Construction of Ornamental Steel Picket Fence Systems for Security Purposes |
| ASTM F2833 | (2011; R 2017) Standard Specification for Corrosion Protective Fastener Coatings with Zinc Rich Base Coat and Aluminum Organic/Inorganic Type |
| ASTM F2881 | (2011) Standard Specification for 12 to 60 in. (300 to 1500 mm) Polypropylene (PP) Dual Wall Pipe and Fittings for Non-Pressure Storm Sewer Applications |
| ASTM F2897 | (2015a) Standard Specification for Tracking and Traceability Encoding System of Natural Gas Distribution Components (Pipe, Tubing, Fittings, Valves, and Appurtenances) |
| ASTM F2912 | (2017) Standard Specification for Glazing and Glazing Systems Subject to Airblast Loadings |
| ASTM F2927 | (2012) Standard Test Method for Door Systems Subject to Airblast Loadings |
| ASTM F2945 | (2018) Standard Specification for Polyamide 11 Gas Pressure Pipe, Tubing, and Fittings |
| ASTM F3125/F3125M | (2015a) Standard Specification for High Strength Structural Bolts, Steel and Alloy Steel, Heat Treated, 120 ksi (830 MPa) and 150 ksi (1040 MPa) Minimum Tensile Strength, Inch and Metric Dimensions |
| ASTM G21 | (2015) Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi |
| ASTM G48 | (2011; R 2015) Standard Test Methods for Pitting and Crevice Corrosion Resistance of Stainless Steels and Related Alloys by Use of Ferric Chloride Solution |

| | |
|-----------|---|
| ASTM G59 | (1997; R 2014) Standard Test Method for Conducting Potentiodynamic Polarization Resistance Measurements |
| ASTM G60 | (2001; R 2018) Standard Practice for Conducting Cyclic Humidity Exposures |
| ASTM G71 | (1981; R 2014) Standard Guide for Conducting and Evaluating Galvanic Corrosion Tests in Electrolytes |
| ASTM G82 | (1998; R 2014) Standard Guide for Development and Use of a Galvanic Series for Predicting Galvanic Corrosion Performance |
| ASTM G85 | (2011) Standard Practice for Modified Salt Spray (Fog) Testing |
| ASTM G109 | (2007; R 2013) Determining the Effects of Chemical Admixtures on the Corrosion of Embedded Steel Reinforcement in Concrete Exposed to Chloride Environments E(2000) |
| ASTM G152 | (2013) Operating Open Flame Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials |
| ASTM G153 | (2013) Operating Enclosed Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials |
| ASTM G154 | (2016) Standard Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials |
| ASTM G155 | (2013) Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials |
| ASTM G173 | (2003; R 2012) Standard Tables for Reference Solar Spectral Irradiances: Direct Normal and Hemispherical on 37 Degree Tilted Surface |
| ASTM G187 | (2018) Standard Test Method for Measurement of Soil Resistivity Using the Two-Electrode Soil Box Method |
| ASTM SI10 | (2016) American National Standard for Use of the International System of Units (SI): The Modern Metric System |

BACNET INTERNATIONAL (BTL)

| | |
|-----------|--|
| BTL Guide | (v.49; 2017) BACnet Testing Laboratory Implementation Guidelines |
|-----------|--|

BIFMA INTERNATIONAL (BIFMA)

| | |
|-----------------|--|
| ANSI/BIFMA M7.1 | (2011; R 2016) Test Method for Determining VOC Emissions from Office Furniture Systems, Components and Seating |
|-----------------|--|

| | |
|-----------------|---|
| ANSI/BIFMA X5.1 | (2017) American National Standards For Office Furnishings - General Purpose Office Chairs |
| ANSI/BIFMA X5.3 | (2007; R2012) American National Standards For Office Furnishings - Vertical Files |
| ANSI/BIFMA X5.4 | (2012) American National Standards For Office Furnishings - Lounge Seating |
| ANSI/BIFMA X5.5 | (2014) American National Standards For Office Furnishings -Desk Products |
| ANSI/BIFMA X5.6 | (2016) American National Standards For Office Furnishings -Panel Systems |
| ANSI/BIFMA X5.9 | (2012) American National Standards For Office Furnishings - Storage Units |

BIOCYCLE, JOURNAL OF COMPOSTING AND RECYCLING (BIOCYCLE)

| | |
|----------|---|
| BIOCYCLE | (Nov 1995; 5th Ed 2009) A Standardized Test for Evaluation of Compost Self-Heating; Briton, W.F.Jr, et. al. |
|----------|---|

BRITISH STANDARDS INSTITUTE (BSI)

| | |
|-----------------|--|
| BS EN 13121-3 | (2016) GRP Tanks and Vessels for Use Above Ground – Part 3: Design and Workmanship |
| BS EN ISO 10497 | (2010) Testing of Valves Fire Type-Testing Requirements |

BUILDERS HARDWARE MANUFACTURERS ASSOCIATION (BHMA)

| | |
|-------------------|---|
| ANSI/BHMA A156.1 | (2016) Butts and Hinges |
| ANSI/BHMA A156.2 | (2017) Bored and Preassembled Locks and Latches |
| ANSI/BHMA A156.3 | (2014) Exit Devices |
| ANSI/BHMA A156.4 | (2013) Door Controls - Closers |
| ANSI/BHMA A156.5 | (2014) Cylinder and Input Devices for Locks |
| ANSI/BHMA A156.6 | (2015) Architectural Door Trim |
| ANSI/BHMA A156.7 | (2016) Template Hinge Dimensions |
| ANSI/BHMA A156.8 | (2015) Door Controls - Overhead Stops and Holders |
| ANSI/BHMA A156.9 | (2015) Cabinet Hardware |
| ANSI/BHMA A156.10 | (2017) Power Operated Pedestrian Doors |
| ANSI/BHMA A156.11 | (2014) Cabinet Locks |

| | |
|--------------------|---|
| ANSI/BHMA A156.12 | (2013) Interconnected Locks & Latches |
| ANSI/BHMA A156.13 | (2017) Mortise Locks & Latches Series 1000 |
| ANSI/BHMA A156.14 | (2013) Sliding and Folding Door Hardware |
| ANSI/BHMA A156.15 | (2015) Release Devices Closer Holder, Electromagnetic and Electromechanical |
| ANSI/BHMA A156.16 | (2018) Auxiliary Hardware |
| ANSI/BHMA A156.17 | (2019) Self Closing Hinges & Pivots |
| ANSI/BHMA A156.18 | (2016) Materials and Finishes |
| ANSI/BHMA A156.19 | (2013) Power Assist & Low Energy Power Operated Doors |
| ANSI/BHMA A156.20 | (2017) Strap and Tee Hinges, and Hasps |
| ANSI/BHMA A156.21 | (2019) Thresholds |
| ANSI/BHMA A156.22 | (2017) Door Gasketing and Edge Seal Systems |
| ANSI/BHMA A156.23 | (2010) Electromagnetic Locks |
| ANSI/BHMA A156.24 | (2012) Delayed Egress Locking Systems |
| ANSI/BHMA A156.25 | (2013) Electrified Locking Devices |
| ANSI/BHMA A156.26 | (2012) Continuous Hinges |
| ANSI/BHMA A156.27 | (2011) Power and Manual Operated Revolving Pedestrian Doors |
| ANSI/BHMA A156.29 | (2012) Exit Locks, Exit Alarms, Alarms for Exit Devices |
| ANSI/BHMA A156.30 | (2014) High Security Cylinders |
| ANSI/BHMA A156.31 | (2013) Electric Strikes and Frame Mounted Actuators |
| ANSI/BHMA A156.36 | (2010) Auxiliary Locks |
| ANSI/BHMA A156.115 | (2016) Hardware Preparation in Steel Doors and Steel Frames |
| BHMA A156.15 | (2011) Release Devices Closer Holder, Electromagnetic and Electromechanical |

CALIFORNIA AIR RESOURCES BOARD (CARB)

| | |
|------------|--|
| CARB 93120 | (2007) Airborne Toxic Control Measure (ATCM) to Reduce Formaldehyde Emissions from Composite Wood Products |
|------------|--|

CARB Regulation Airborne Toxic Control Measure to Reduce
Formaldehyde Emissions from Composite Wood Products

CALIFORNIA DEPARTMENT OF PUBLIC HEALTH (CDPH)

CDPH SECTION 01350 (2010; Version 1.1) Standard Method for the Testing
and Evaluation of Volatile Organic Chemical
Emissions from Indoor Sources using Environmental
Chambers

CALIFORNIA ENERGY COMMISSION (CEC)

CEC Title 24 (2016) Building Energy Efficiency Standards For
Residential and Nonresidential Buildings

CARPET AND RUG INSTITUTE (CRI)

CRI 104 (2015) Carpet Installation Standard for Commercial
Carpet

CRI 105 (2015) Carpet Installation Standard for Residential
Carpet

CRI GL CUSHION Green Label Cushion Program

CRI GLP QM (2017) Green Label Plus Quality Manual

CRI Green Label Plus (2017) Green Label Plus Quality Manual

CRI Test Method 103 (2015) Standard Test Method for the Evaluation of
Texture Appearance Retention of Carpet Standards
Program

CAST IRON SOIL PIPE INSTITUTE (CISPI)

CISPI 301 (2012) Hubless Cast Iron Soil Pipe and Fittings for
Sanitary and Storm Drain, Waste, and Vent Piping
Applications

CISPI 310 (2012) Coupling for Use in Connection with Hubless
Cast Iron Soil Pipe and Fittings for Sanitary and
Storm Drain, Waste, and Vent Piping Applications

CEILINGS AND INTERIOR SYSTEMS CONSTRUCTION ASSOCIATION (CISCA)

CISCA Access Floors (2007) Recommended Test Procedures for Access Floors

CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC)

CDC 21-1112 (2009) Biosafety in Microbiological and Biomedical
Laboratories, 5th Edition

CHEMICAL FABRICS AND FILM ASSOCIATION (CFFA)

CFFA-W-101-D (2002) Quality Standard for Vinyl Coated Fabric
Wallcovering

CHLORINE INSTITUTE (CI)

- CI Pamphlet 1 (2008) Chlorine Basics, Edition 7
- CI Pamphlet 6 (2005) Piping Systems for Dry Chlorine, edition 15

COMPOSITE PANEL ASSOCIATION (CPA)

- CPA A208.1 (2016) Particleboard
- CPA A208.2 (2016) Medium Density Fiberboard (MDF) for Interior Applications

COMPRESSED AIR AND GAS INSTITUTE (CAGI)

- CAGI B19.1 (2010) Safety Standard for Compressor Systems

COMPRESSED GAS ASSOCIATION (CGA)

- CGA G-4.1 (2009) Cleaning Equipment for Oxygen Service; 6th Edition
- CGA G-4.4 (2012) Oxygen Pipeline Systems; 4th Edition
- CGA G-7 (2014) Compressed Air for Human Respiration; 6th Edition
- CGA G-7.1 (2011) Commodity Specification for Air; 5th Edition
- CGA G-10.1 (2008) Commodity Specification for Nitrogen; 7th Edition
- CGA HB (1999) Handbook of Compressed Gases; 4th Edition
- CGA M-1 (2018) Standard for Medical Gas Supply Systems at Health Care Facilities; 4th Edition
- CGA P-1 (2015) Safe Handling of Compressed Gases in Containers; 11th Edition
- CGA P-39 (2015) Oxygen-Rich Atmospheres; 2nd Edition
- CGA V-5 (2008; R 2013) Diameter-Index Safety System (Non-Interchangeable Low Pressure Connections for Medical Gas Applications); 6th Edition

CONCRETE REINFORCING STEEL INSTITUTE (CRSI)

- CRSI 10MSP (2009; 28th Ed; Errata) Manual of Standard Practice
- CRSI RB4.1 (2016) Supports for Reinforcement Used in Concrete

CONSUMER ELECTRONICS ASSOCIATION (CEA)

- CEA-709.1-D (2014) Control Network Protocol Specification

CEA-709.3 (1999; R 2015) Free-Topology Twisted-Pair Channel Specification

CEA-852-C (2014) Tunneling Device Area Network Protocols Over Internet Protocol Channels

CONSUMER PRODUCT SAFETY COMMISSION (CPSC)

CPSC Pub No 325 (2015) Public Playground Safety Handbook

CONSUMER TECHNOLOGY ASSOCIATION (CTA)

CTA CTA-709.1-D (2014) Control Network Protocol Specification

CTA CTA-709.3 (1999; R 2015) Free-Topology Twisted-Pair Channel Specification

CTA CTA-852-C (2014) Tunneling Device Area Network Protocols Over Internet Protocol Channels

CONVEYOR EQUIPMENT MANUFACTURERS ASSOCIATION (CEMA)

CEMA B105.1 (2015) Welded Steel Conveyor Pulleys

CEMA Belt Book (2014; Errata 2016; Tech Statement 1 2016) Belt Conveyors for Bulk Materials

COOLING TECHNOLOGY INSTITUTE (CTI)

CTI ATC-105 (2000) Acceptance Test Code

CTI ESG-114 (2007) Design of Cooling Towers with Douglas Fir Lumber

CTI STD-111 (2009) Gear Speed Reducers

CTI STD-134 (2007) Plywood for Use in Cooling Towers

CTI Std-103 (2007) Redwood Lumber Specifications

CTI Std-112 (2009) Pressure Preservative Treatment of Lumber

CTI Std-137 (2017) Fiberglass Pultruded Structural Products for Use in Cooling Towers

CTI Std-201 (2011) Standard for the Certification of Water Cooling Tower Thermal Performance

COPPER DEVELOPMENT ASSOCIATION (CDA)

CDA A4015 (2016; 14/17) Copper Tube Handbook

CDA A4050 (2016) Copper in Architecture - Design Handbook

COUNCIL ON ENVIRONMENTAL QUALITY (CEQ) (WHITE HOUSE)

HPSB Guiding Principles (2016) Guiding Principles for Sustainable Federal Buildings and Determining Compliance with the Guiding Principles for Sustainable Federal Buildings

CRANE MANUFACTURERS ASSOCIATION OF AMERICA (CMAA)

CMAA 70 (2015) Specification for Top Running Bridge and Gantry Type Multiple Girder Electric Overhead Traveling Cranes

CMAA 74 (2015) Specifications for Single Girder Cranes

CSA GROUP (CSA)

ANSI LC 1/CSA 6.26 (2018) Fuel Gas Piping Systems Using Corrugated Stainless Steel Tubing (CSST)

CGA 3.11-M88 (2015) Lever Operated Pressure Lubricated Plug Type Gas Shut-Off Valves

CGA 3.16-M88 (2015) Lever Operated Non-Lubricated Gas Shut-Off Valves

CGA 9.2-M88 (1988; R 2009) Manually Operated Shut-Off Valves for Gas Piping Systems

CSA A23.4 (2016; Errata 2016) Precast Concrete - Materials and Construction

CSA B45.5-11/IAPMO Z124 (2011; Update 1 2012) Plastic Plumbing Fixtures - First Edition

CSA C22.2 No. 109 (1981; R 2013) Commercial Cooking Appliances

CSA Directory (updated continuously online) Product Index

CSA Z809-08 (R2013) Sustainable Forest Management

DEPARTMENT OF DEFENSE EXPLOSIVES SAFETY BOARD (DDESB)

DDESB Technical Paper 15 (2010) Approved Protective Construction

DISTRICT OF COLUMBIA MUNICIPAL REGULATIONS (DCMR)

20 DCMR (2007) Environment - Chapters 42 and 43, Hazardous Waste Management

DOOR AND ACCESS SYSTEM MANUFACTURERS ASSOCIATION (DASMA)

ANSI/DASMA 102 (2011) Specifications for Sectional Overhead-Type Doors

ANSI/DASMA 108 (2012) Standard Method for Testing Sectional Garage Doors and Rolling Doors: Determination of Structural Performance Under Uniform Static Air Pressure Difference

DUCTILE IRON PIPE RESEARCH ASSOCIATION (DIPRA)

DIPRA TRD (2016) Thrust Restraint Design for Ductile Iron Pipe

ELECTRICAL GENERATING SYSTEMS ASSOCIATION (EGSA)

EGSA 101P (1995) Performance Standard for Engine Driven Generator Sets

ELECTRIFICATION AND CONTROLS MANUFACTURERS ASSOCIATION (ECMA)

ECMA 15 (2018) Cable-less Controls for Electric Overhead Traveling Cranes

ELECTRONIC COMPONENTS INDUSTRY ASSOCIATION (ECIA)

ECIA EIA/ECA 310-E (2005) Cabinets, Racks, Panels, and Associated Equipment

ECIA RS-416 (1974; R 1981) Filters for Radio Interference

ECIA/IS 46 (1987) Test Procedure for Resistance to Soldering (Vapor Phase Technique) for Surface Mount Devices

ELECTRONIC INDUSTRIES ALLIANCE (EIA)

ANSI/TIA-455-80C (2003) FOTP-80 - IEC 60793-1-144 Optical fibres Part 1-44: Measurement Methods and Test Procedures - Cut-off Wavelength

EIA 443 (1979) NARM Standard for Solid State Relays Service

EIA 480 (1981) Toggle Switches

TIA/EIA 455-41-A (1993a; R 2001) FOTP-41 - Compressive Loading Resistance of Fiber Optic Cables

ELECTROSTATIC DISCHARGE ASSOCIATION (ESD)

ESD S6.1 (2014) Standard for the Protection of Electrostatic Discharge Susceptible Items - Grounding

ENERGY INSTITUTE (EI)

EI 1529 (2014; 7th Ed) Aviation Fueling Hose and Hose Assemblies

EI 1541 (2016) Requirements for Internal Protective Coating Systems Used in Aviation Fuel Handling Systems

EI 1570 (2012) Handbook on Electronic Sensors for the Detection of Particulate Matter and/or Free Water During Aircraft Refueling

EI 1581 (2016) Specifications and Laboratory Qualification Procedures for Aviation Jet Fuel Filter/Separators

EI 1584 (2017; 4th Ed) Four-Inch Hydrant System Components and Arrangements

EI 1590 (2014) Specifications And Qualification Procedures For Aviation Fuel Microfilters

EI 1598 (2012) Design Functional Requirements and Laboratory Testing Protocols for Electronic Sensors to Monitor Free Water And/or Particulate Matter in Aviation Fuel

ETL TESTING LABORATORIES (ETL)

ETL DLP (updated continuously) ETL Listed Mark Directory

EUROPEAN COMMITTEE FOR STANDARDIZATION (CEN/CENELEC)

CENELEC EN 60529 (1991; A1 2000; A2 2013) Degrees of Protection Provided By Enclosures (IP Code)

EN 60309-1 (1999; A1 2007; A2 2012) Plugs, Socket-Outlets and Couplers for Industrial Purposes Part 1: General Requirements

EN 60309-2 (1999; A1 2004; A11 2007; A2 2012) Plugs, Socket-Outlets and Couplers for Industrial Purposes Part 2: Dimensional Interchangeability Requirements for Pin and Contact-Tube Accessories

EN 61800-3 (2017) Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment

EXPANSION JOINT MANUFACTURERS ASSOCIATION (EJMA)

EJMA Stds (2015) (10th Ed) EJMA Standards

FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA)

FEMA P-414 (January 2004) Installing Seismic Restraints for Duct and Pipe

FEDERAL REMEDIATION TECHNOLOGIES ROUNDTABLE (FRTR)

USAEC SFIM-AEC-ET-CR-970 (2007) Federal Remediation Technologies Screening Matrix and Reference Guide, Fourth Edition

FLUID CONTROLS INSTITUTE (FCI)

FCI 70-2 (2013) Control Valve Seat Leakage

FLUID SEALING ASSOCIATION (FSA)

FSA-0017 (1995e6) Standard for Non-Metallic Expansion Joints and Flexible Pipe Connectors Technical Handbook

FM GLOBAL (FM)

FM 4435 (2013) Roof Perimeter Flashing

FM 4450 (1989) Approval Standard for Class 1 Insulated Steel Deck Roofs

FM 4470 (2010) Single-Ply, Polymer-Modified Bitumen Sheet, Built-up Roof (BUR), and Liquid Applied Roof Assemblies for Use in Class 1 and Noncombustible Roof Deck Construction

FM 4471 (2010) Class I Panel Roofs

FM 4474 (2014) Evaluating the Simulated Wind Uplift Resistance of Roof Assemblies Using Static Positive and/or Negative Differential Pressures

FM 4991 (2013) Approval of Firestop Contractors

FM APP GUIDE (updated on-line) Approval Guide
<http://www.approvalguide.com/>

FM DS 1-28R (1998) Data Sheet: Roof Systems

FM DS 12-17 (2001) Watertube Boilers

FM P9513 (2002) Specialist Data Book Set for Roofing Contractors; contains 1-22 (2001), 1-28 (2002), 1-29 (2002), 1-28R/1-29R (1998), 1-30 (2000), 1-31 (2000), 1-32 (2000), 1-33 (2000), 1-34 (2001), 1-49 (2000), 1-52 (2000), 1-54 (2001)

FOREST STEWARDSHIP COUNCIL (FSC)

FSC STD 01 001 (2015) Principles and Criteria for Forest Stewardship

FORESTRY SUPPLIERS INC. (FSUP)

FSUP 77341 (2009) Munsell (R) Soil Color Book

FOUNDATION FOR CROSS-CONNECTION CONTROL AND HYDRAULIC RESEARCH (FCCCHR)

FCCCHR List (continuously updated) List of Approved Backflow Prevention Assemblies

FCCCHR Manual (10th Edition) Manual of Cross-Connection Control

FPInnovations (FPI)

SP-529E (2013) CLT Handbook, Cross-Laminated Timber (U.S. Edition)

GEOLOGICAL SOCIETY OF AMERICA (GeoSA)

GSA RCC00100R (2009) Geological Rock Color Chart (Munsell)

GEOSYNTHETIC INSTITUTE (GSI)

| | |
|--------------|---|
| GSI GRI GG4a | (2012) Determination of the Long-Term Design Strength of Stiff Geogrids |
| GSI GRI GG4b | (2012) Determination of the Long-Term Design Strength of Flexible Geogrids |
| GSI GRI GG6 | (1996) Grip Types for Use in Wide Width Testing of Geotextiles and Geogrids |
| GSI GRI GM7 | (1995) Accelerated Curing of Geomembrane Test Strip Seams Made by Chemical Fusion Methods |
| GSI GRI GM9 | (1995; R 2013) Cold Weather Seaming of Geomembranes |
| GSI GRI GM13 | (2016) Test Methods, Test Properties and Testing Frequency for High Density Polyethylene (HDPE) Smooth and Textured Geomembranes |
| GSI GRI GM17 | (2015) Test Methods, Test Properties and Testing Frequency for Linear Low Density Polyethylene (LLDPE) Smooth and Textured Geomembranes |
| GSI GRI GM18 | (2015) Test Methods, Test Properties and Testing Frequencies for Flexible Polypropylene (fPP and fPP-R) Nonreinforced and Reinforced Geomembranes |
| GSI GRI GM19 | (2002; R 2013) Seam Strength and Related Properties of Thermally Bonded Polyolefin Geomembranes |
| GSI GRI GM21 | (2016) Test Methods, Properties and Frequencies for Ethylene Propylene Diene Terpolymer (EPDM) Nonreinforced and Scrim Reinforced Geomembranes |
| GSI GRI GM25 | (2009; R 2012) Test Methods, Test Properties and Testing Frequency for Reinforced Linear Low Density Polyethylene (LLDPE-R) Geomembranes |

GERMAN INSTITUTE FOR STANDARDIZATION (DIN)

| | |
|--------------|---|
| DIN 22252 | (2012) Round Steel Link Chains for Use in Continuous Conveyors and Winning Equipment in Mining |
| DIN 22258-1 | (2012) Chain Connectors - Part 1: Flat Type Connectors |
| DIN 53504 | (2017) Testing of Rubber - Determination of Tensile Strength at break, Tensile Strength at Yield, Elongation at Break and Stress values in a Tensile Test |
| DIN EN 14037 | (2016) Free Hanging Heating and Cooling Surfaces for Water with a Temperature Below 120 Degrees C - Part 1: Pre-Fabricated Ceiling Mounted Radiant Panels for Space Heating |

DIN EN 14240 (2004) Ventilation for Buildings

GLASS ASSOCIATION OF NORTH AMERICA (GANA)

GANA Glazing Manual (2008) Glazing Manual

GANA Laminate Manual (2009) Laminated Glazing Reference Manual

GANA Sealant Manual (2008) Sealant Manual

GANA Standards Manual (2008) Engineering Standards Manual

GREEN BUILDING INITIATIVE (GBI)

GBI GP Compliance (2016) GBI Guiding Principles Compliance Program for New Construction (DOD Version)

GBI Green Globes for NC (2017) Green Globes(tm) for New Construction Technical Reference Manual

GREEN SEAL (GS)

GS-36 (2013) Adhesives for Commercial Use

GS-37 (2017) Cleaning Products for Industrial and Institutional Use

GYPSUM ASSOCIATION (GA)

GA 214 (2010) Recommended Levels of Gypsum Board Finish

GA 216 (2010) Application and Finishing of Gypsum Panel Products

GA 224 (2008) Installation of Predecorated Gypsum Board

GA 253 (2012) Application of Gypsum Sheathing

GA 600 (2009) Fire Resistance Design Manual

H.P. WHITE LABORATORY (HPW)

HPW TP-0500.03 (2003) Transparent Materials for use in Forced Entry or Containment Barriers

HARDWOOD PLYWOOD AND VENEER ASSOCIATION (HPVA)

HPVA EF (2012) American National Standard for Engineered Wood Flooring

HPVA HP-1 (2016) American National Standard for Hardwood and Decorative Plywood

HEAT EXCHANGE INSTITUTE (HEI)

HEI 2622 (2009) Standards for Closed Feedwater Heaters; 8th

Edition

HEI 2623 (2004) Standards for Power Plant Heat Exchangers

HYDRAULIC INSTITUTE (HI)

HI 1.1-1.2 (2014) Rotodynamic (Centrifugal) Pump for
Nomenclature and Definitions

HI 1.3 (2013) Rotodynamic (Centrifugal) Pump Applications

HI 2.3 (2013) Rotodynamic (Vertical) Applications

HI 3.1-3.5 (2015) Rotary Pumps

HI 9.1-9.5 (2000) Pumps - General Guidelines for Types,
Applications, Definitions, Sound Measurements and
Documentation

HI 9.6.4 (2009) Rotodynamic Pumps for Vibration Analysis and
Allowable Values

HI ANSI/HI 2.1-2.2 (2014) Rotodynamic Vertical Pumps of Radial, Mixed,
and Axial Flow Types for Nomenclature and
Definitions

HI ANSI/HI 7.1-7.5 (2017) Controlled-Volume Metering Pumps American
National Standard for Nomenclature, Definitions,
Application, and Operation - B115

HI ANSI/HI 9.6.3 (2017) Rotodynamic Pumps - Guideline for Operating
Regions - B120

HI ANSI/HI 9.8 (2014) Rotodynamic Pumps for Pump Intake Design -
A123

HI ANSI/HI 14.6 (2011) Rotodynamic Pumps for Hydraulic Performance
Acceptance Tests - A136

HI M100 (2009) HI Pump Standards Set

HYDRONICS INSTITUTE DIVISION OF AHRI (HYI)

HI-004 (1995) Radiant Floor Heating

HYI-005 (2008) I=B=R Ratings for Boilers, Baseboard
Radiation and Finned Tube (Commercial)

ICC EVALUATION SERVICE, INC. (ICC-ES)

ICC ES AC125 (2014; R 2015) Acceptance Criteria for Concrete and
Reinforced and Unreinforced Masonry Strengthening
Using Externally Bonded Fiber-reinforced Polymer
(FRP) Composite Systems

ICC ES AC156 (2012) Acceptable Criteria for Seismic
Certification by Shake-Table Testing of

Nonstructural Components

| | |
|--------------|--|
| ICC ES AC178 | (2013; R 2017) Acceptance Criteria for Inspection and Verification of Concrete and Reinforced and Unreinforced Masonry Strengthening Using Fiber-reinforced Polymer (FRP) Composite Systems |
| ICC ES AC193 | (2012) Acceptance Criteria for Mechanical Anchors in Concrete Elements |
| ICC-ES AC04 | (2012; R 2015) Acceptance Criteria for Sandwich Panels |
| ICC-ES AC23 | (2012; R 2016) Acceptance Criteria for Sprayed Fire-resistant Materials (SFRMs), Intumescent Fire-resistant Coatings and Mastic Fire-resistant Coatings Used to Protect Structural Steel Members |
| ICC-ES AC48 | (2012; R 2015) Acceptance Criteria for Self-adhered Roof Underlayment for Use as Ice Barriers |
| ICC-ES AC300 | (2014) Acceptance Criteria for Access Floors |
| ICC-ES AC377 | (2016) Acceptance Criteria for Spray-Applied Foam Plastic Insulation |

ILLUMINATING ENGINEERING SOCIETY (IES)

| | |
|-----------|---|
| IES HB-10 | (2011; Errata 2015) IES Lighting Handbook |
| IES LM-79 | (2008) Electrical and Photometric Measurements of Solid-State Lighting Products |
| IES LM-80 | (2015) Measuring Lumen Maintenance of LED Light Sources |
| IES RP-8 | (2018) Recommended Practice for Lighting Roadway and Parking Facilities |
| IES RP-16 | (2017) Nomenclature and Definitions for Illuminating Engineering |
| IES TM-15 | (2011) Luminaire Classification System for Outdoor Luminaires |
| IES TM-21 | (2011; Addendum B 2015) Projecting Long Term Lumen Maintenance of LED Light Sources |

INDUSTRIAL FASTENERS INSTITUTE (IFI)

| | |
|-------------|--|
| IFI 100/107 | (2002) Prevailing Torque-Type Steel Hex and Hex Flange Nuts Regular and Light Hex Series |
|-------------|--|

INSTITUTE OF CLEAN AIR COMPANIES (ICAC)

| | |
|-----------|--|
| ICAC EP-1 | (2000) Terminology for Electrostatic Precipitators |
|-----------|--|

| | |
|-------------|--|
| ICAC EP-6 | (1968) Pilot Electrostatic Precipitators |
| ICAC EP-7 | (2004) Electrostatic Precipitator Gas Flow Model Studies |
| ICAC EP-8 | (1993) Structural Design Criteria for Electrostatic Precipitator Casings |
| ICAC EP-10W | (2008) Bid Specification Information Requirements and Bid Evaluation Form for Electrostatic Precipitators |
| ICAC F-2 | (1972) Fundamentals of Fabric Collectors and Glossary of Terms |
| ICAC F-3 | (2002) Operation and Maintenance of Fabric Filters |
| ICAC F-5 | (1991) Types of Fabric Filters |
| ICAC FGD-1 | (1982) Flue Gas Desulfurization Terminology |
| ICAC G-1 | (1968; R 1972) Gaseous Emissions Equipment: Product Definitions and Illustrations |
| ICAC M-2 | (1969) Cyclonic Mechanical Dust Collector Criteria |
| ICAC M-4 | (1973) Information Required for the Preparation of Bidding Specifications for Large Diameter Cyclones and Tubular Centrifugal Collectors |
| ICAC M-5 | (1975) Standardized Method of Particle Size Determination and Collection Efficiency |
| ICAC M-6 | (1981) Simplified Method of Efficiency Calculations from Fractional Efficiency Curves |
| ICAC WS-1 | (1975) Wet Scrubber Terminology |
| ICAC WS-3 | (1976; R 1980) Basic Types of Wet Scrubbers |
| ICAC WS-4 | (1975) Wet Scrubber System-Major Auxiliaries |

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)

| | |
|---------|--|
| IEEE 1 | (2000; R 2011) General Principles for Temperature Limits in the Rating of Electric Equipment and for the Evaluation of Electrical Insulation |
| IEEE 4 | (2013) Standard Techniques for High Voltage Testing |
| IEEE 18 | (2012) Standard for Shunt Power Capacitors |
| IEEE 32 | (1972; R 1997) Standard Requirements, Terminology, and Test Procedures for Neutral Grounding Devices |
| IEEE 43 | (2013) Recommended Practice for Testing Insulation Resistance of Rotating Machinery |

| | |
|----------|--|
| IEEE 48 | (2009) Standard for Test Procedures and Requirements for Alternating-Current Cable Terminations Used on Shielded Cables Having Laminated Insulation Rated 2.5 kV through 765 kV or Extruded Insulation Rated 2.5 kV through 500 kV |
| IEEE 62 | (1995; R 2005) Guide for Diagnostic Field Testing of Electric Power Apparatus-Part 1: Oil Filled Power Transformers, Regulators, and Reactors |
| IEEE 80 | (2013) Guide for Safety in AC Substation Grounding |
| IEEE 81 | (2012) Guide for Measuring Earth Resistivity, Ground Impedance, and Earth Surface Potentials of a Ground System |
| IEEE 85 | (1973; R 1986) Test Procedure for Airborne Sound Measurements on Rotating Electric Machinery |
| IEEE 100 | (2000; Archived) The Authoritative Dictionary of IEEE Standards Terms |
| IEEE 112 | (2017) Standard Test Procedure for Polyphase Induction Motors and Generators |
| IEEE 114 | (2001) Test Procedure for Single-Phase Induction Motors |
| IEEE 115 | (2009) Guide for Test Procedures for Synchronous Machines: Part I Acceptance and Performance Testing; Part II Test Procedures and Parameter Determination for Dynamic Analysis |
| IEEE 120 | (1989; R 2007) Master Test Guide for Electrical Measurements in Power Circuits |
| IEEE 142 | (2007; Errata 2014) Recommended Practice for Grounding of Industrial and Commercial Power Systems - IEEE Green Book |
| IEEE 242 | (2001; Errata 2003) Recommended Practice for Protection and Coordination of Industrial and Commercial Power Systems - Buff Book |
| IEEE 299 | (2006; R 2012) Standard Method for Measuring the Effectiveness of Electromagnetic Shielding Enclosures |
| IEEE 383 | (2015) Qualifying Class 1E Electric Cables and, Field Splices for Nuclear Power Generating Stations 2004 |
| IEEE 386 | (2016) Separable Insulated Connector Systems for Power Distribution Systems Rated 2.5 kV through 35 kV |
| IEEE 399 | (1997) Brown Book IEEE Recommended Practice for |

Power Systems Analysis

- IEEE 400.2 (2013) Guide for Field Testing of Shielded Power Cable Systems Using Very Low Frequency (VLF)
- IEEE 404 (2012) Standard for Extruded and Laminated Dielectric Shielded Cable Joints Rated 2500 V to 500,000 V
- IEEE 450 (2010) Recommended Practice for Maintenance, Testing, and Replacement of Vented Lead-Acid Batteries for Stationary Applications
- IEEE 484 (2002; R 2008) Recommended Practice for Installation Design and Implementation of Vented Lead-Acid Batteries for Stationary Applications
- IEEE 485 (2010) Recommended Practice for Sizing Lead-Acid Batteries for Stationary Applications
- IEEE 495 (2007) Guide for Testing Faulted Circuit Indicators
- IEEE 515 (2017) Standard for the Testing, Design, Installation, and Maintenance of Electrical Resistance Heat Tracing for Industrial Applications
- IEEE 519 (2014) Recommended Practices and Requirements for Harmonic Control in Electrical Power Systems
- IEEE 525 (2007) Guide for the Design and Installation of Cable Systems in Substations
- IEEE 592 (2018) Standard for Insulation Shields on Medium-Voltage (15 kV - 35 kV) Cable Joints and Separable Connectors
- IEEE 602 (2007) Recommended Practice for Electric Systems in Health Care Facilities - White Book
- IEEE 754 (2008) Floating-Point Arithmetic - IEEE Computer Society
- IEEE 802.1x (2010) Local and Metropolitan Area Networks - Port Based Network Access Control
- IEEE 802.3 (2018) Ethernet
- IEEE 802.11 (2016; AI 2017; AJ 2018; AK 2018; AQ 2018) Information Technology-Telecommunications and Information Exchange Between Systems Local and Metropolitan Area Networks-Specific Requirements Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications
- IEEE 1048 (2003) Guide for Protective Grounding of Power Lines
- IEEE 1100 (2005) Emerald Book IEEE Recommended Practice for

Powering and Grounding Electronic Equipment

| | |
|--------------|---|
| IEEE 1159 | (2009) Recommended Practice on Monitoring Electric Power Quality |
| IEEE 1202 | (2006; R 2012; CORR 1 2012) Flame-Propagation Testing of Wire and Cable |
| IEEE 1547 | (2018) Interconnection and Interoperability of Distributed Energy Resources with Associated Electric Power Systems Interfaces |
| IEEE 1547.1A | (2015) Standard for Conformance Test Procedures for Equipment Interconnecting Distributed Resources with Electric Power Systems -- Amendment 1 |
| IEEE 1547A | (2014) Standard for Interconnecting Distributed Resources with Electric Power Systems - Amendment 1 |
| IEEE 1815 | (2015; CORR 2016) Exchanging Information Between Networks Implementing IEC 61850 and IEEE Std 1815 [Distributed Network Protocol (DNP3)] |
| IEEE C2 | (2017; Errata 1-2 2017; INT 1 2017) National Electrical Safety Code |
| IEEE C37.04 | (1999; R 2006; AMD 1 2003; R 2006; ERTA 2005; R 2006; AMD 2 2008; CORR 2009; INT 2010) Standard for Rating Structure for AC High-Voltage Circuit Breakers |
| IEEE C37.06 | (2009) Standard for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis - Preferred Ratings and Related Required Capabilities for Voltage Above 1000 V |
| IEEE C37.081 | (1981; Supp 1997; R 2007) Guide for Synthetic Fault Testing of AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis |
| IEEE C37.09 | (2018; Errata 2019) Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis |
| IEEE C37.1 | (2007) Standard for Supervisory Control, Data Acquisition (SCADA) and Automatic Systems |
| IEEE C37.2 | (2008) Standard for Electrical Power System Device Function Numbers, Acronyms and Contact Designations |
| IEEE C37.13 | (2015) Standard for Low-Voltage AC Power Circuit Breakers Used in Enclosures |
| IEEE C37.16 | (2009) Standard for Preferred Ratings, Related Requirements, and Application Recommendations for Low-Voltage AC (635 V and below) and DC 3200 V and below) Power Circuit Breakers |

| | |
|---------------|---|
| IEEE C37.17 | (2012) Standard for Trip Devices for AC and General-Purpose DC Low-Voltage Power Circuit Breakers |
| IEEE C37.20.1 | (2015) Standard for Metal-Enclosed Low-Voltage Power Circuit-Breaker Switchgear |
| IEEE C37.20.2 | (1999; Corr 2000; R 2005) Standard for Metal-Clad Switchgear |
| IEEE C37.20.3 | (2013) Standard for Metal-Enclosed Interrupter Switchgear |
| IEEE C37.20.7 | (2017) Guide for Testing Switchgear Rated Up to 52 kV for Internal Arcing Faults |
| IEEE C37.23 | (2015) Metal-Enclosed Bus |
| IEEE C37.30 | (1997; INT 1 2011) Standard Requirements for High-Voltage Switches |
| IEEE C37.30.1 | (2011) Standard Requirements for AC High-Voltage Air Switches Rated Above 1000 V |
| IEEE C37.32 | (2002) High-Voltage Switches, Bus Supports, and Accessories - Schedules of Preferred Ratings, Construction Guidelines and Specifications |
| IEEE C37.34 | (1994) Standard Test Code for High-Voltage Air Switches |
| IEEE C37.40 | (2003; Errata 2003; R 2009) Service Conditions & Definitions for High-Voltage Fuses, Distribution Enclosed Single-Pole Air Switches, Fuse Disconnecting Switches, & Accessories |
| IEEE C37.41 | (2016; Corr 2017) Design Tests for High-Voltage (>1000 V) Fuses and Accessories |
| IEEE C37.42 | (2016) Specifications for High-Voltage (> 1000 V) Fuses and Accessories |
| IEEE C37.46 | (2010) Standard for High Voltage Expulsion and Current-Limiting Type Power Class Fuses and Fuse Disconnecting Switches |
| IEEE C37.47 | (2011) Standard for High Voltage Distribution Class Current-Limiting Type Fuses and Fuse Disconnecting Switches |
| IEEE C37.60 | (2019) High-Voltage Switchgear and Controlgear - Part 111: Automatic Circuit Reclosers for Alternating Current Systems Up to 38 kV |
| IEEE C37.63 | (2013) Standard Requirements for Overhead, Pad-Mounted, Dry-Vault, and Submersible Automatic Line Sectionalizers for AC Systems |

| | |
|----------------|--|
| IEEE C37.71 | (2001) Standard Three-Phase, Manually Operated Subsurface or Vault Load-Interrupting Switches for Alternating-Current Systems |
| IEEE C37.74 | (2014) Standard Requirements for Subsurface, Vault, and Pad-Mounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems Up to 38 kV |
| IEEE C37.90 | (2005; R 2011) Standard for Relays and Relay Systems Associated With Electric Power Apparatus |
| IEEE C37.90.1 | (2013) Standard for Surge Withstand Capability (SWC) Tests for Relays and Relay Systems Associated with Electric Power Apparatus |
| IEEE C37.96 | (2012) Guide for AC Motor Protection |
| IEEE C37.121 | (2012) American National Standard for Switchgear-Unit Substations - Requirements |
| IEEE C50.12 | (2005; R 2010) Standard for Salient Pole 50 HZ and 60 Hz Synchronous Generators and Generation/Motors for Hydraulic Turbine Applications Rated 5 MVA and above |
| IEEE C57.12.00 | (2015) General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers |
| IEEE C57.12.01 | (2015) General Requirements for Dry-Type Distribution and Power Transformers Including Those with Solid-Cast and/or Resin-Encapsulated Windings |
| IEEE C57.12.10 | (2017) Requirements for Liquid-Immersed Power Transformers |
| IEEE C57.12.20 | (2017) Overhead-Type Distribution Transformers, 500 KVA and Smaller: High Voltage, 34 500 Volts and Below; Low Voltage, 7970/13,800 Y V and Below |
| IEEE C57.12.25 | (1990) Standard for Transformers - Pad-Mounted, Compartmental-Type, Self-Cooled, Single-Phase Distribution Transformers With Separable Insulated High-Voltage Connectors; High Voltage, 34,500 Grdy/19,920 Volts and Below; Low Voltage, 240/120 Volts; 167 kVa and Smaller Requirements |
| IEEE C57.12.28 | (2014) Standard for Pad-Mounted Equipment - Enclosure Integrity |
| IEEE C57.12.29 | (2014) Standard for Pad-Mounted Equipment - Enclosure Integrity for Coastal Environments |
| IEEE C57.12.31 | (2010; Corr 2014) Standard for Pole-Mounted Equipment - Enclosure Integrity |
| IEEE C57.12.34 | (2015) Standard Requirements for Pad-Mounted, |

| | |
|----------------|---|
| | Compartmental-Type, Self-Cooled, Three-Phase Distribution Transformers, 10 MVA and Smaller; High Voltage, 34.5 kV Nominal System Voltage and Below; Low Voltage, 15 kV Nominal System Voltage and Below |
| IEEE C57.12.50 | (1981; R 1998) Ventilated Dry-Type Distribution Transformers, 1 to 500 kVA, Single-Phase, and 15 to 500 kVA, Three-Phase, with High-Volt 601 to 34,500 Volts |
| IEEE C57.12.51 | (2019) IEEE Guide for Mechanical Interchangeability of Ventilated Dry-Type Transformers |
| IEEE C57.12.70 | (2011) Standard Terminal Markings and Connections for Distribution and Power Transformers |
| IEEE C57.12.80 | (2010) Standard Terminology for Power and Distribution Transformers |
| IEEE C57.12.90 | (2015; Corr 2017) Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers |
| IEEE C57.12.91 | (2011) Standard Test Code for Dry-Type Distribution and Power Transformers |
| IEEE C57.13 | (2016) Requirements for Instrument Transformers |
| IEEE C57.13.1 | (2006; R 2012) Guide for Field Testing of Relaying Current Transformers |
| IEEE C57.15 | (2018) Standard Requirements, Terminology, and Test Code for Step-Voltage Regulators |
| IEEE C57.19.00 | (2009; INT 1 2009; Errata 2010) Standard General Requirements and Test Procedures for Outdoor Power Apparatus Bushings |
| IEEE C57.19.01 | (2000; R 2005; INT 1 2010) Standard Performance Characteristics and Dimensions for Outdoor Apparatus Bushings |
| IEEE C57.93 | (2007) Guide for Installation and Maintenance of Liquid-Immersed Power Transformers |
| IEEE C57.96 | (2013) Guide for Loading Dry-Type Distribution and Power Transformers |
| IEEE C57.98 | (2011) Guide for Transformer Impulse Tests |
| IEEE C57.110 | (2008) Recommended Practice for Establishing Liquid-Filled and Dry-Type Power and Distribution Transformer Capability When Supplying Nonsinusoidal Load Currents |
| IEEE C57.124 | (1991; R 2002) Recommended Practice for the Detection of Partial Discharge and the Measurement of Apparent Charge in Dry-Type Transformers |

| | |
|----------------------|--|
| IEEE C62.11 | (2012) Standard for Metal-Oxide Surge Arresters for Alternating Current Power Circuits (>1kV) |
| IEEE C62.33 | (2016) Test Methods and Performance Values for Metal-Oxide Varistor Surge Protective Components |
| IEEE C62.41 | (1991; R 1995) Recommended Practice on Surge Voltages in Low-Voltage AC Power Circuits |
| IEEE C62.41.1 | (2002; R 2008) Guide on the Surges Environment in Low-Voltage (1000 V and Less) AC Power Circuits |
| IEEE C62.41.2 | (2002) Recommended Practice on Characterization of Surges in Low-Voltage (1000 V and Less) AC Power Circuits |
| IEEE C63.2 | (2009) Standard for Electromagnetic Noise and Field Strength Instrumentation, 10 Hz to 40 GHz - Specifications |
| IEEE C63.4 | (2014) American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz |
| IEEE C135.1 | (1999) Standard for Zinc-Coated Steel Bolts and Nuts for Overhead Line Construction |
| IEEE C135.2 | (1999) Threaded Zinc-Coated Ferrous Strand-Eye Anchor Rods and Nuts for Overhead Line Construction |
| IEEE C135.22 | (1988) Standard for Zinc-Coated Ferrous Pole-Top Insulator Pins with Lead Threads for Overhead Line Construction |
| IEEE C135.30 | (1988) Standard for Zinc-Coated Ferrous Ground Rods for Overhead or Underground Line Construction |
| IEEE Stds Dictionary | (2009) IEEE Standards Dictionary: Glossary of Terms & Definitions |

INSTITUTE OF ENVIRONMENTAL SCIENCES AND TECHNOLOGY (IEST)

| | |
|-----------------|--|
| IEST RP-CC-001 | (2016; Rev 6) HEPA and ULPA Filters |
| IEST RP-CC-008 | (2007; Rev 2) Gas-Phase Adsorber Cells |
| IEST-STD-CC1246 | (2013; Rev E) Product Cleanliness Levels and Contamination Control Program |

INSTITUTE OF INSPECTION, CLEANING, AND RESTORATION CERTIFICATION (IICRC)

| | |
|-----------------|---|
| ANSI/IICRC S520 | (2015) Standard and Reference Guide for Professional Mold Remediation |
| IICRC S100 | (2015) S100 Standard and R100 Reference Guide for |

Professional Cleaning of Textile Floor Covering

IICRC S500

(2015) Standard and Reference Guide for
Professional Water Damage Restoration

INSTRUCTIONS AND STANDARDS FOR NAVBASE GUANTANAMO BAY CUBA
(COMNAVBASEGTMOINST)

1710.10

Outdoor Recreational and Wildlife Instruction

4400.2A

Consolidated Hazardous Material Reutilization and
Inventory Management Program

5090.1

Hazardous Waste Management Plan

5090.4

Standard Operating Procedures for Landfill

5090.7

Pollution Control Procedures for Oil and Hazardous
Substances

5090.8

Asbestos Program Management

5100.13

Hazardous Material/Excess Hazardous Material
Control and Safety Program

11300.3

Base Energy Conservation Regulations

FGS

(1994) Final Governing Standards for Environmental
Protection by U.S. Forces in Cuba

INSULATED CABLE ENGINEERS ASSOCIATION (ICEA)

ICEA S-58-679

(2014) Control, Instrumentation and Thermocouple
Extension Conductor Identification

ICEA S-83-596

(2016) Indoor Optical Fiber Cables

ICEA S-87-640

(2016) Optical Fiber Outside Plant Communications
Cable; 4th Edition

ICEA S-90-661

(2012) Category 3, 5, & 5e Individually Unshielded
Twisted Pair Indoor Cables for Use in General
Purpose and LAN Communications Wiring Systems
Technical Requirements

ICEA S-94-649

(2013) Standard for Concentric Neutral Cables Rated
5 Through 46 KV

ICEA S-98-688

(2012) Broadband Twisted Pair Telecommunication
Cable, Aircore, Polyolefin Insulated, Copper
Conductors Technical Requirements

ICEA S-99-689

(2012) Broadband Twisted Pair Telecommunication
Cable Filled, Polyolefin Insulated, Copper
Conductors Technical Requirements

ICEA T-30-520

(1986) Conducting Vertical Cable Tray Flame Tests

with Theoretical Heat Input Rate of 70,000
B.T.U./Hour

INSULATING GLASS MANUFACTURERS ALLIANCE (IGMA)

- IGMA TB-1200 (1983; R 2016) Guidelines for Insulating Glass Dimensional Tolerances
- IGMA TB-3001 (2001) Guidelines for Sloped Glazing
- IGMA TM-3000 (1990; R 2016) North American Glazing Guidelines for Sealed Insulating Glass Units for Commercial & Residential Use

INTELLIGENCE COMMUNITY STANDARD (ICS)

- ICS 705-1 (2010) Physical and Technical Security Standard for Sensitive Compartmented Information Facilities

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA)

- IATA DGR (2018) Dangerous Goods Regulations

INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS (IAPMO)

- IAPMO PS 117 (2005b) Press Type Or Plain End Rub Gasketed W/ Nail CU & CU Alloy Fittings 4 Install On CU Tubing
- IAPMO UPC (2003) Uniform Plumbing Code
- IAPMO Z124.3 (2005) Plastic Lavatories
- IAPMO Z124.5 (2013; E 2013; R 2018) Plastic Toilet Seats
- IAPMO Z124.8 (1990) Plastic Bathtub Liners
- IAPMO Z1000 (2013) Prefabricated Septic Tanks

INTERNATIONAL CODE COUNCIL (ICC)

- ICC A117.1 COMM (2017) Standard And Commentary Accessible and Usable Buildings and Facilities
- ICC IBC (2018) International Building Code
- ICC IECC (2015) International Energy Conservation Code
- ICC IFGC (2018) International Fuel Gas Code
- ICC IMC (2018) International Mechanical Code
- ICC IPC (2018) International Plumbing Code
- ICC UBC (1997; Erratas Vol 1, 2 & 3 01/2001; Vol 1 & 2 03/2001; Vol 2 10/2001) Uniform Building Code

ICC/ANSI A117.1 (2009) Accessible and Usable Buildings and Facilities

INTERNATIONAL CONCRETE REPAIR INSTITUTE (ICRI)

ICRI 03732 (1997) Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, and Polymer Overlays

ICRI 310.2R (2013) Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, Polymer Overlays, and Concrete Repair

INTERNATIONAL ELECTRICAL TESTING ASSOCIATION (NETA)

NETA ATS (2017; Errata 2017) Standard for Acceptance Testing Specifications for Electrical Power Equipment and Systems

NETA MTS (2015) Standard for Maintenance Testing Specifications for Electrical Power Equipment and Systems

INTERNATIONAL ELECTROTECHNICAL COMMISSION (IEC)

ANSI IEC 60529 (2004; R 2011) Degrees of Protection Provided by Enclosures

IEC 60034-1 (2017) Rotating Electrical Machines - Part 1: Rating and Performance

IEC 60034-2A (1974; ED 1.0) Rotating Electrical Machines Part 2: Methods for Determining Losses and Efficiency of Rotating Electrical Machinery from Tests (Excluding Machines for Traction Vehicles) Measurement of Losses by the Calorimetric Method

IEC 60034-5 (2006) Rotating Electrical Machines - Part 5: Degrees of Protection Provided by the Integral Design of Rotating Electrical Machines (IP Code) - Classification

IEC 60034-6 (1991) Rotating Electrical Machines Part 6: Methods of Cooling (IC Code)

IEC 60034-14 (2007) Rotating Electrical Machines - Part 14: Mechanical Vibration of Certain Machines with Shaft Heights 56 mm and Higher - Measurement, Evaluation and Limits of Vibration Severity

IEC 60068-2-27 (2008; ED 4.0) Environmental Testing - Part 2-27: Tests - Test Ea and Guidance: Shock

IEC 60068-2-30 (2005; ED 3.0) Environmental Testing - Part 2-30: Tests - Test Db: Damp Heat, Cyclic (12 H + 12 H Cycle)

| | |
|----------------|--|
| IEC 60204-1 | (2016) Safety of Machinery - Electrical Equipment of Machines - Part 1: General Requirements |
| IEC 60255-21-3 | (1993; ED 1.0) Electrical Relays - Part 21: Vibration, Shock, Bump And Seismic Tests On Measuring Relays And Protection Equipment - Section 3: Seismic Tests |
| IEC 60255-149 | (2013) Measuring Relays and Protection Equipment |
| IEC 60268-16 | (2003; ED 4.0) Sound System Equipment - Part 16: Objective Rating Of Speech Intelligibility By Speech Transmission Index |
| IEC 60269-1 | (2014) Low-Voltage Fuses - Part 1: General Requirements |
| IEC 60269-2 | (2016) Low-Voltage Fuses - Part 2: Supplementary Requirements for Fuses for Use by Authorized Persons (Fuses Mainly for Industrial Application) - Examples of Standardized Systems of Fuses A to K |
| IEC 60309-3 | Pin and Sleeve Devices |
| IEC 60364-1 | (2005) Low-voltage Electrical Installations in Buildings - Part 1: Fundamental Principles, Assessment of General Characteristics, Definitions |
| IEC 60364-5 | (2009) Low-Voltage Electrical Installations - Part 5-52: Selection and Erection of Electrical Equipment - Wiring Systems |
| IEC 60584-1 | (2013) Thermocouples - Part 1: EMF Specifications and Tolerances |
| IEC 60687 | (1992) Alternating Current Static Watt-Hour Meters for Active Energy (Classes 0,2 S and 0,5 S) |
| IEC 60947-1 | (2014) Low-Voltage Switchgear and Controlgear - Part 1: General Rules |
| IEC 60947-2 | (2016) Low-Voltage Switchgear and Controlgear - Part 2: Circuit-Breakers |
| IEC 60947-3 | (2015) Low-Voltage Switchgear and Controlgear - Part 3: Switches, Disconnectors, Switch-Disconnectors and Fuse-Combination Units |
| IEC 60947-4-1 | (2012; ED 3.1) Low-voltage Switchgear and Controlgear, Part 4-1: Contactors and Motor Starters - Electromechanical Contactor and Motor Starters |
| IEC 61000-4-5 | (2017) Electromagnetic Compatibility (EMC) - Part 4-5: Testing and Measurement Techniques - Surge Immunity Test |

| | |
|---------------|--|
| IEC 61099 | (2010; ED 2.0) Insulating Liquids - Specifications for Unused Synthetic Organic Esters for Electrical Purposes |
| IEC 61131-3 | (2013) Programmable Controllers - Part 3: Programming Languages |
| IEC 61215 | (2005; ED 2.0) Crystalline Silicon Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval |
| IEC 61400-SER | (2014) Wind Turbine Generator Systems - ALL PARTS |
| IEC 61646 | (2008; ED 2.0) Thin-Film Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval |
| IEC 61730-1 | (2016) Photovoltaic (PV) Module Safety Qualification - Part 1: Requirements for Construction |
| IEC 61853-1 | (2011; ED 1.0) Photovoltaic (Pv) Module Performance Testing and Energy Rating - Part 1: Irradiance and Temperature Performance Measurements and Power Rating |
| IEC 62053-22 | (2003; Corr 1 2018) Electricity Metering Equipment (A.C.) - Particular Requirements - Part 22: Static Meters for Active Energy (Classes 0,2 S and 0,5 S) |
| IEC 62271-103 | (2013; Corr 1 2013) High-Voltage Switchgear and Controlgear - Part 103: Switches for Rated Voltages Above 1 Kv up to and Including 52 Kv |
| IEC 62271-111 | (2019) High Voltage Switchgear And Controlgear - Part 111: Automatic Circuit Reclosers for Alternating Current Systems up to and including 38 kV |
| IEC 62446 | (2009) Grid Connected Photovoltaic Systems - Minimum Requirements for System Documentation, Commissioning Tests and Inspection |
| IEC TS 62727 | (2012; ED 1.0) Photovoltaic Systems - Specifications for Solar Trackers |

INTERNATIONAL FEDERATION FOR STRUCTURAL CONCRETE (fib)

| | |
|-----------------|---|
| fib Bulletin 34 | (2006) Model Code for Service Life Design |
|-----------------|---|

INTERNATIONAL GROUND SOURCE HEAT PUMP ASSOCIATION (IGSHPA)

| | |
|--------------|--|
| IGSHPA 21010 | (1991) Grouting Procedures for Ground-Source Heat Pump Systems |
| IGSHPA 21015 | (2000) Grouting for Vertical GHP Systems |

- IGSHPA 21020 (1988) Closed-Loop/Ground-Source Heat Pump System/Installation Guide
- IGSHPA 21035 (2017) Design and Installation Standards
- IGSHPA 21060 (1989) Soil and Rock Classification Field Manual

INTERNATIONAL INSTITUTE OF AMMONIA REFRIGERATION (IIAR)

- IIAR 2 (2008; ADD A 2010) American National Standard for Equipment, Design, and Installation of Ammonia Mechanical Refrigerating Systems

INTERNATIONAL MUNICIPAL SIGNAL ASSOCIATION (IMSA)

- IMSA 32 (1997) Copper-Covered Steel Messenger Strand, 30 Percent or 40 Percent Conductivity

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION (ISO)

- ANSI ISO/IEC 7816 (R 2009) Identification Cards - Integrated Circuit Cards
- ISO 34-1 (2015) Rubber, Vulcanized or Thermoplastic -- Determination of Tear Strength -- Part 1: Trouser, Angle and Crescent Test Pieces
- ISO 37 (2017) Rubber, Vulcanized or Thermoplastic -- Determination of Tensile Stress-Strain Properties
- ISO 48-4 (2018) Rubber, Vulcanized or Thermoplastic -- Determination of Hardness -- Part 4: Indentation Hardness by Durometer Method (Shore Hardness) - First Edition
- ISO 228-1 (2000) Pipe Threads Where Pressure-Tight Joints Are Not Made on The Threads - Part 1: Dimensions, Tolerances and Designation
- ISO 261 (1998) ISO General Purpose Metric Screw Threads - General Plan
- ISO 262 (1998) ISO General Purpose Metric Screw Threads - Selected Sizes for Screws, Bolts and Nuts
- ISO 263 (1973) ISO Inch Screw Threads - General Plan and Selection for Screws, Bolts and Nuts - Diameter Range 0.06 to 6 inch
- ISO 281 (2007) Rolling Bearings -- Dynamic Load Ratings and Rating Life
- ISO 815-1 (2019) Rubber, Vulcanized or Thermoplastic -- Determination of Compression Set -- Part 1: At Ambient or Elevated Temperatures
- ISO 898-1 (2013) Mechanical Properties of Fasteners Made of

| | |
|------------|--|
| | Carbon Steel and Alloy Steel – Part 1: Bolts, Screws and Studs with Specified Property Classes – Coarse Thread and Fine Pitch Thread |
| ISO 1183-1 | (2012) Plastics – Methods for Determining the Density of Non-Cellular Plastics – Part 1: Immersion Method, Liquid Pyknometer Method and Titration Method |
| ISO 1219-1 | (2012; Amd 1 2016) Fluid Power Systems and Components Graphic Symbols and Circuit Diagrams – Part 1: Graphic Symbols for Conventional Use and Data-Processing Applications |
| ISO 1219-2 | (2012) Fluid Power Systems and Components Graphic Symbols and Circuit Diagrams – Part 2: Circuit Diagrams |
| ISO 1817 | (2015) Rubber, Vulcanized or Thermoplastic – Determination of the Effect of Liquids – Sixth Edition |
| ISO 1940-1 | (2003; R 2008) Mechanical Vibration – Balance Quality Requirements for Rotors in a Constant (Rigid) State – Part 1: Specification and Verification of Balance Tolerances |
| ISO 2151 | (2004) Acoustics – Noise Test Code for Compressors and Vacuum Pumps – Engineering Method (Grade 2) |
| ISO 2551 | (1981) Machine-made Textile Floor Coverings – Determination of Dimensional Changes Due to the Effects of Varied Water and Heat Conditions |
| ISO 2758 | (2014) Paper – Determination of Bursting Strength |
| ISO 2858 | (1975) End Suction Centrifugal Pump (Rating 16 Bar) Designation Nominal Duty Point and Dimensions – International Restrictions |
| ISO 3046 | (2002, 2006, 2009, 2001) Reciprocating Internal Combustion Engines – Performance--Part 1, 3, 4, 5, 6 |
| ISO 3274 | (1996, Corr 1998) Geometrical products Specifications (GPS) – Surface Texture:Profile method – Nominal Characteristics of Contact (Stylus) Instruments – Second Edition |
| ISO 3813 | (2004) Resilient Floor Coverings – Cork Floor Tiles |
| ISO 4021 | (1992) Hydraulic Fluid Power – Particulate Contamination Analysis – Extraction of Fluid Samples from Lines of an Operating System |
| ISO 4126-1 | (2013; Amd 1 2016) Safety Devices for Protection Against Excessive Pressure – Part 1: Safety Valves |

| | |
|------------|---|
| ISO 4287 | (1997, Amd 1 2009) Geometrical Product Specifications (GPS) - Surface Texture: Profile Method - Terms, Definitions and Surface Texture Parameters - First Edition |
| ISO 4288 | (1996, Corr 1 1998) Geometrical Product Specifications (GPS) - Surface Texture: Profile Method - Rules and Procedures for the Assessment of Surface Texture - Second Edition |
| ISO 4406 | (2017) Hydraulic Fluid Power - Fluids - Method for Coding the Level of Contamination by Solid Particles |
| ISO 4407 | (2002) Hydraulic Fluid Power - Fluid Contamination - Determination of Particulate Contamination by the Counting Method Using an Optical Microscope |
| ISO 4413 | (2010) Hydraulic Fluid Power - General Rules and Safety Requirements for Systems and Their Components |
| ISO 4516 | (2002) Metallic and Other Inorganic Coatings - Vickers and Knoop Microhardness Tests |
| ISO 5199 | (2002) Technical Specifications for Centrifugal Pumps, Class II |
| ISO 5209 | (1977) General Purpose Industrial Valves - Marking |
| ISO 5598 | (2008) Fluid Power Systems and Components - Vocabulary |
| ISO 5752 | (1982) Metal Valves for Use in Flanged Pipe Systems - Face to Face and Center to Face Dimensions |
| ISO 5817 | (2014) Welding - Fusion-Welded Joints in Steel, Nickel, Titanium And Their Alloys (Beam Welding Excluded) - Quality Levels For Imperfections - Third Edition |
| ISO 6507 | (2018) Metallic Materials -- Vickers Hardness Test -- Part 1: Test Method - Fourth Edition |
| ISO 6781 | (1983) Thermal Insulation - Qualitative Detection of Thermal Irregularities in Building Envelopes - Infrared Method |
| ISO 6781-2 | (2010) Performance of Buildings - Detection of Heat, Air, and Moisture Irregularities in Buildings by Infrared Methods - Part 2: Equipment Requirements |
| ISO 6781-3 | (2015) Performance of Buildings - Detection of Heat, Air, and Moisture Irregularities in Buildings by Infrared Methods - Part 3: Qualifications of Equipment Operators, Data Analysts, and Report Writers |
| ISO 7005-2 | (1988) Metallic Flanges Part 2: Cast Iron Flanges |

| | |
|-------------|--|
| ISO 7240-16 | (2007) Fire Detection And Alarm Systems – Part 16: Sound System Control And Indicating Equipment |
| ISO 7240-19 | (2007) Fire Detection and Alarm Systems – Part 19: Design, Installation, Commissioning and Service of Sound Systems for Emergency Purposes |
| ISO 8528 | (1993; R 2018) Reciprocating Internal Combustion Engine Driven Alternating Current Generator Sets--Part 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13 |
| ISO 8601 | (2004) Data Elements and Interchange Formats – Information Interchange – Representation of Dates and Times |
| ISO 8859-1 | (1998) Information Technology – 8-Bit Single-Byte Coded Graphic Character Sets – Part 1: Latin Alphabet No. 1 |
| ISO 9001 | (2008; Corr 1 2009) Quality Management Systems-Requirements |
| ISO 9223 | (2012) Corrosion of Metals and Alloys – Corrosivity of Atmospheres – Classification, Determination and Estimation – Second Edition |
| ISO 9227 | (2017) Corrosion Tests in Artificial Atmospheres – Salt Spray Tests – Fourth Edition |
| ISO 9461 | (1992) Hydraulic Fluid Power – Identification of Valve Ports, Subplates, Control Devices and Solenoids |
| ISO 10360-2 | (2009) Geometrical Product Specifications (GPS) – Acceptance and Reverification Tests for Coordinate Measuring Machines (CMM) – Part 2: CMMs Used for Measuring Linear Dimensions |
| ISO 10763 | (1994) Hydraulic Fluid Power – Plain-end, Seamless and Welded Precision Steel Tubes – Dimensions and Nominal Working Pressures |
| ISO 11143 | (2008) Dentistry – Amalgam Separators |
| ISO 11171 | (2016) Hydraulic Fluid Power – Calibration of Automatic Particle Counters for Liquids |
| ISO 11500 | (2008) Hydraulic Fluid Power – Determination of the Particulate Contamination Level of a Liquid Sample by Automatic Particle Counting Using the Light-Extinction Principle – Second Addition |
| ISO 11727 | (1999) Pneumatic Fluid Power – Identification of Ports and Control Mechanisms of Control Valves and Other Components |
| ISO 13256-1 | (1998) Water-Source Heat Pumps – Testing and Rating |

| | |
|--------------|--|
| | for Performance - Part 1: Water-to-Air and Brine-to-Air Heat Pumps |
| ISO 13256-2 | (1998) Water-Source Heat Pumps - Testing and Rating for Performance - Part 2: Water-to-Water and Brine-to-Water Heat Pumps |
| ISO 13565 | (1996, Corr 1998) Geometrical Product Specifications (GPS) - Surface Texture: Profile Method; Surfaces Having Stratified Functional Properties - Part 1: Filtering and General Measurement Conditions |
| ISO 14001 | (2015) Environmental Management Systems - Requirements with Guidance for Use |
| ISO 14644-1 | (2015) Cleanrooms and Associated Controlled Environments Part 1: Classification of Air Cleanliness |
| ISO 14644-2 | (2015) Cleanrooms and Associated Controlled Environments Part 2: Specifications for Testing and Monitoring to Prove Continued Compliance with ISO 14644-1 |
| ISO 15614-1 | (2017) Specification and Qualification of Welding Procedures for Metallic Materials - Welding Procedure test - Part 1: Arc and Gas Welding of Steels and Arc Welding of Nickel and Nickel Alloys - Second Edition; Corrected Version 10/2017 |
| ISO 15614-7 | (2016) Specification and Qualification of Welding Procedures for Metallic Materials - Welding Procedure Test - Part 7: Overlay Welding - Second Edition |
| ISO 16889 | (2008; Amd 1 2018) Hydraulic Fluid Power - Filters - Multi-Pass Method for Evaluating Filtration Performance of a Filter Element |
| ISO 17357-1 | (2014) Ships and Marine Technology - Floating Pneumatic Rubber Fenders - Part 1: High Pressure |
| ISO 19005-3 | (2012) Document Management -- Electronic Document File Format for Long-Term Preservation -- Part 3: Use of ISO 32000-1 with Support for Embedded Files (PDF/A-3) |
| ISO 19115-1 | (2014) Geographic Information -- Metadata -- Part 1: Fundamentals |
| ISO 21940-11 | (2016) Mechanical vibration -- Rotor balancing -- Part 11: Procedures and Tolerances for Rotors with Rigid Behavior |
| ISO 32000-1 | (2008) Document Management -- Portable Document Format -- Part 1: PDF 1.7 |

| | |
|-------------------|--|
| ISO ISO/IEC 17020 | (2012) Conformity Assessment - Requirements for the Operation of Various Types of Bodies Performing Inspection |
| ISO ISO/IEC 17025 | (2017) General Requirements for the Competence of Testing and Calibration Laboratories |
| ISO ISO/IEC 17065 | (2012) Conformity Assessment - Requirements for Bodies Certifying Products, Processes and Services |

INTERNATIONAL SAFETY EQUIPMENT ASSOCIATION (ISEA)

| | |
|------------------|---|
| ANSI/ISEA Z87.1 | (2015) Occupational and Educational Personal Eye and Face Protection Devices |
| ANSI/ISEA Z89.1 | (2014) American National Standard for Requirements for Industrial Head Protection |
| ANSI/ISEA Z358.1 | (2014) American National Standard for Emergency Eyewash and Shower Equipment |

INTERNATIONAL SOCIETY OF AUTOMATION (ISA)

| | |
|---------------------|--|
| ANSI/ISA 5.1 | (2009) Instrumentation Symbols and Identification |
| ANSI/ISA 60079-29-1 | (2013) Gas Detectors-Performance Requirements of Detectors for Flammable Gases |
| ISA 5.2 | (1976; R1992) Binary Logic Diagrams for Process Operations |
| ISA 5.3 | (1983) Graphic Symbols for Distributed Control/Shared Display Instrumentation, Logic, and Computer Systems |
| ISA 7.0.01 | (1996) Quality Standard for Instrument Air |
| ISA 18.1 | (1979; R2004) Annunciator Sequences and Specifications |
| ISA 51.1 | (1979; R1993) Process Instrumentation Terminology |
| ISA 92.00.01 | (2010; R 2015) Performance Requirements for Toxic Gas Detectors |
| ISA 101.01 | (2015) Human Machine Interfaces for Process Automation Systems |
| ISA MC96.1 | (1982) Temperature Measurement Thermocouples |
| ISA RP2.1 | (1978) Manometer Tables |
| ISA RP60.9 | (1981) Piping Guide for Control Centers |

INTERNATIONAL WINDOW CLEANING ASSOCIATION (IWCA)

| | |
|-------------|--|
| IWCA I-14.1 | (2001) Window Cleaning Safety Standard |
|-------------|--|

INTERNET ENGINEERING TASK FORCE (IETF)

IETF RFC 4361 (2006) Node-specific Client Identifiers for Dynamic Host Configuration Protocol Version Four (DHCPv4)

IETF RFC 7465 (2015) Prohibiting RC4 Cipher Suites

RFC 821 (2001) Simple Mail Transfer Protocol (SMTP)

IPC - ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES (IPC)

IPC D330 (1992) Design Guide Manual

ITALIAN LAWS AND DECREES (D.M.)

LAW No. 1086 (May 11, 1971) Norms for Works in Reinforced Concrete and Steel and Application Instructions

Law No. 46 (March 5, 1990) Safety Norms for Technological Systems

Law No. 373 (April 30, 1976) Norms for the containment of energy consumption for thermal uses in buildings.

Japanese Standards Association (JSA)

JSA JIS B 1519 (2009; R 2013; R 2018) Rolling Bearings - Static Load Ratings

KITCHEN CABINET MANUFACTURERS ASSOCIATION (KCMA)

KCMA A161.1 (2017) Performance & Construction Standards for Kitchen and Vanity Cabinets

L.H. BAILEY HORTORIUM (LHBH)

LHBH (1976) Hortus Third

LOCKHEED MARTIN CORPORATION (LM)

2ZEU0004-0007 F-35 Ground Electrical Power Interface

5PTV6002-101 270 VDC 70 KW External Power Plug/Cable

JSFC1 2 External Power Receptacle Specification

LONMARK INTERNATIONAL (LonMark)

LonMark Interoperability (2005) LonMark Application-Layer Interoperability Guide and LonMark Layer 1-6 Interoperability Guide; Version 3.4

LonMark SCPT List (2014) LonMark SCPT Master List; Version 15

LonMark SNVT List (2014) LonMark SNVT Master List; Version 15

LonMark XIF Guide (2001) LonMark External Interface File Reference Guide; Revision 4.402

MANUFACTURERS STANDARDIZATION SOCIETY OF THE VALVE AND FITTINGS
INDUSTRY (MSS)

MSS SP-25 (2018) Standard Marking System for Valves, Fittings, Flanges and Unions

MSS SP-43 (2013) Wrought Stainless Steel Butt-Welding Fittings

MSS SP-44 (2017) Steel Pipeline Flanges

MSS SP-45 (2003; R 2008) Bypass and Drain Connections

MSS SP-53 (2012) Quality Standard for Steel Castings and Forgings for Valves, Flanges and Fittings and Other Piping Components - Magnetic Particle Examination Method

MSS SP-54 (2013) Quality Standard for Steel Castings for Valves, Flanges and Fittings and Other Piping Components, - Radiographic Examination Method

MSS SP-55 (2011) Quality Standard for Steel Castings for Valves, Flanges and Fittings and Other Piping Components - Visual Method for Evaluation of Surface Irregularities

MSS SP-58 (2018) Pipe Hangers and Supports - Materials, Design and Manufacture, Selection, Application, and Installation

MSS SP-61 (2013) Pressure Testing of Valves

MSS SP-67 (2017; Errata 1 2017) Butterfly Valves

MSS SP-69 (2003; Notice 2012) Pipe Hangers and Supports - Selection and Application (ANSI Approved American National Standard)

MSS SP-70 (2011) Gray Iron Gate Valves, Flanged and Threaded Ends

MSS SP-71 (2018) Gray Iron Swing Check Valves, Flanged and Threaded Ends

MSS SP-72 (2010a) Ball Valves with Flanged or Butt-Welding Ends for General Service

MSS SP-78 (2011) Cast Iron Plug Valves, Flanged and Threaded Ends

MSS SP-80 (2013) Bronze Gate, Globe, Angle and Check Valves

MSS SP-83 (2014) Class 3000 Steel Pipe Unions Socket Welding and Threaded

| | |
|------------|--|
| MSS SP-85 | (2011) Gray Iron Globe & Angle Valves Flanged and Threaded Ends |
| MSS SP-86 | (2014) Guidelines for Metric Data in Standards for Valves, Flanges, Fittings and Actuators |
| MSS SP-104 | (2012) Wrought Copper Solder Joint Pressure Fittings |
| MSS SP-110 | (2010) Ball Valves Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends |
| MSS SP-125 | (2010) Gray Iron and Ductile Iron In-Line, Spring-Loaded, Center-Guided Check Valves |
| MSS SP-142 | (2012) Excess Flow Valves for Fuel Gas Service, NPS 1 1/2 through 12 |

MAPLE FLOORING MANUFACTURERS ASSOCIATION (MFMA)

| | |
|---------------|--|
| MFMA AFSFSCCL | (2016) Athletic Floor Sealer and Finish Specifications and Conformance List #35 |
| MFMA GRHM | (2000) Grading Rules for MFMA Northern Hardwood Maple |
| MFMA GS | (1999) Guide Specifications for Maple Flooring Systems |
| MFMA SSCLFMGF | (2016) Sanding, Sealing, Court Lining, Finishing and Resurfacing of Maple Gym Floors |

MARBLE INSTITUTE OF AMERICA (MIA)

| | |
|-------------------|--------------------------------------|
| MIA Design Manual | (2016) Dimension Stone Design Manual |
|-------------------|--------------------------------------|

MASTER PAINTERS INSTITUTE (MPI)

| | |
|--------|---|
| MPI 1 | (2012) Aluminum Paint |
| MPI 2 | (2012) Aluminum Heat Resistant Enamel (up to 427 C and 800 F) |
| MPI 4 | (2012) Interior/Exterior Latex Block Filler |
| MPI 5 | (2012) Primer, Exterior Alkyd Wood |
| MPI 6 | (2012) Primer, Exterior Latex Wood |
| MPI 7 | (Oct 2009) Exterior Oil Wood Primer |
| MPI 8 | (2012) Alkyd, Exterior Flat (MPI Gloss Level I) |
| MPI 9 | (2012) Alkyd, Exterior Gloss (MPI Gloss Level 6) |
| MPI 10 | (2012) Latex, Exterior Flat (MPI Gloss Level 1) |

| | |
|--------|---|
| MPI 11 | (2012) Latex, Exterior Semi-Gloss, MPI Gloss Level 5 |
| MPI 13 | (2012) Stain, Exterior Solvent-Based, Semi-Transparent |
| MPI 16 | (2012) Stain, Exterior, Water Based, Solid Hide |
| MPI 19 | (2012) Primer, Zinc Rich, Inorganic |
| MPI 21 | (2012) Heat Resistant Coating, (Up to 205°C/402°F), MPI Gloss Level 6 |
| MPI 22 | (2012) Aluminum Paint, High Heat (up to 590° C/1100° F) |
| MPI 23 | (2012) Primer, Metal, Surface Tolerant |
| MPI 26 | (2012) Primer, Galvanized Metal, Cementitious |
| MPI 27 | (2012) Floor Enamel, Alkyd, Gloss (MPI Gloss Level 6) |
| MPI 28 | (2012) Varnish, Marine Spar, Exterior, Gloss (MPI Gloss Level 6) |
| MPI 31 | (2012) Varnish, Polyurethane, Moisture Cured, Gloss (MPI Gloss Level 6) |
| MPI 32 | (2012) Traffic Marking Paint, S.B. |
| MPI 39 | (2012) Primer, Latex, for Interior Wood |
| MPI 42 | (2012) Textured Coating, Latex, Flat |
| MPI 44 | (2012) Latex, Interior, (MPI Gloss Level 2) |
| MPI 45 | (2012) Primer Sealer, Interior Alkyd |
| MPI 46 | (2012) Undercoat, Enamel, Interior |
| MPI 47 | (2012) Alkyd, Interior, Semi-Gloss (MPI Gloss Level 5) |
| MPI 48 | (2012) Alkyd, Interior, Gloss (MPI Gloss Level 6-7) |
| MPI 49 | (2012) Alkyd, Interior, Flat (MPI Gloss Level 1) |
| MPI 50 | (2012) Primer Sealer, Latex, Interior |
| MPI 51 | (2012) Alkyd, Interior, (MPI Gloss Level 3)2 |
| MPI 52 | (2012) Latex, Interior, (MPI Gloss Level 3) |
| MPI 53 | (2012) Latex, Interior, Flat (MPI Gloss Level 1) |
| MPI 54 | (2012) Latex, Interior, Semi-Gloss (MPI Gloss Level |

5)

| | |
|---------|--|
| MPI 56 | (2012) Varnish, Interior, Polyurethane, Oil Modified, Gloss |
| MPI 57 | (2012) Varnish, Interior, Polyurethane, Oil Modified, Satin |
| MPI 58 | (2012) Stain for Concrete Floors |
| MPI 59 | (2012) Floor Paint, Alkyd, Low Gloss |
| MPI 60 | (2012) Floor Paint, Latex, Low Gloss |
| MPI 68 | (2012) Floor Paint, Latex, Gloss |
| MPI 71 | (2012) Varnish, Polyurethane, Moisture Cured, Flat (MPI Gloss Level 1) |
| MPI 72 | (2012) Polyurethane, Two-Component, Pigmented, Gloss (MPI Gloss Level 6-7) |
| MPI 77 | (2012) Epoxy, Gloss |
| MPI 79 | (2012) Primer, Alkyd, Anti-Corrosive for Metal |
| MPI 90 | (2012) Stain, Semi-Transparent, for Interior Wood |
| MPI 91 | (2012) Paste, Wood Filler |
| MPI 94 | (2012) Alkyd, Exterior, Semi-Gloss (MPI Gloss Level 5) |
| MPI 95 | (2012) Primer, Quick Dry, for Aluminum |
| MPI 97 | (2012) Traffic Marking Paint, Latex |
| MPI 99 | (2012) Sealer, Water Based, for Concrete Floors |
| MPI 101 | (2012) Primer, Epoxy, Anti-Corrosive, for Metal |
| MPI 104 | (2012) Sealer, Solvent Based, for Concrete Floors |
| MPI 107 | (2012) Primer, Rust-Inhibitive, Water Based |
| MPI 108 | (2012) Epoxy, High Build, Low Gloss |
| MPI 113 | (2012) Elastomeric, Pigmented, Exterior, Water Based, Flat |
| MPI 114 | (2012) Latex, Interior, Gloss (MPI GLoss Level 6) |
| MPI 116 | (2012) Block Filler, Epoxy |
| MPI 119 | (2012) Latex, Exterior, Gloss (MPI Gloss Level 6) |

| | |
|---------|--|
| MPI 134 | (2012) Primer, Galvanized, Water Based |
| MPI 138 | (2012) Latex, Interior, High Performance Architectural, (MPI Gloss Level 2) |
| MPI 139 | (2012) Latex, Interior, High Performance Architectural, (MPI Gloss Level 3) |
| MPI 140 | (2012) Latex, Interior, High Performance Architectural, (MPI Gloss Level 4) |
| MPI 141 | (2012) Latex, Interior, High Performance Architectural, Semi-Gloss (MPI Gloss Level 5) |
| MPI 144 | (2012) Latex, Interior, Institutional Low Odor/VOC, (MPI Gloss Level 2) |
| MPI 145 | (2012) Latex, Interior, Institutional Low Odor/VOC, (MPI Gloss Level 3) |
| MPI 146 | (2012) Latex, Interior, Institutional Low Odor/VOC, (MPI Gloss Level 4) |
| MPI 147 | (May 2016) Latex, Interior, Institutional Low Odor/VOC, Semi-Gloss (MPI Gloss Level 5) |
| MPI 151 | (2012) Light Industrial Coating, Interior, Water Based (MPI Gloss Level 3) |
| MPI 153 | (2012) Light Industrial Coating, Interior, Water Based, Semi-Gloss (MPI Gloss Level 5) |
| MPI 154 | (2012) Light Industrial Coating, Interior, Water Based, Gloss (MPI Gloss Level 6) |
| MPI 161 | (2012) Light Industrial Coating, Exterior, Water Based (MPI Gloss Level 3) |
| MPI 163 | (2012) Light Industrial Coating, Exterior, Water Based, Semi-Gloss (MPI Gloss Level 5) |
| MPI 164 | (2012) Light Industrial Coating, Exterior, Water Based, Gloss (MPI Gloss Level 6) |
| MPI 212 | (2012) Floor Coating, Thin Film, for Aircraft Maintenance Facilities |
| MPI ASM | (2012) Architectural Painting Specification Manual |

MATERIAL HANDLING INDUSTRY OF AMERICA (MHI)

| | |
|------------|--|
| MHI MH27.1 | (2009) Specifications for Underhung Cranes and Monorail Systems |
| MHI MH27.2 | (2009) Specifications for Enclosed Track Underhung Cranes and Monorail Systems |

| | |
|---|--|
| MHI MH28.1 | (1997) Specification: Industrial Steel Grade Shelving |
| MHI MH30.1 | (2015) Performance and Testing Requirements for Dock Leveling Devices |
| MHI MH30.3 | (2005) Vehicle Restraining Devices |
| METAL BUILDING MANUFACTURERS ASSOCIATION (MBMA) | |
| MBMA MBSM | (2012) Metal Building Systems Manual |
| MBMA RSDM | (2012) Metal Roofing Systems Design Manual |
| METAL FRAMING MANUFACTURERS ASSOCIATION (MFMA) | |
| MFMA-4 | (2004) Metal Framing Standards Publication |
| MIDWEST INSULATION CONTRACTORS ASSOCIATION (MICA) | |
| MICA Insulation Stds | (8th Ed) National Commercial & Industrial Insulation Standards |
| MIDWEST ROOFING CONTRACTORS ASSOCIATION (MRCA) | |
| CERTA | (2007) NRCA/MRCA Certified Roofing Torch Applicator Program |
| MODBUS ORGANIZATION, INC (MODBUS) | |
| MODBUS Protocol | (2012) Modbus Application Protocol Specification; Version 1.1b3 |
| MODBUS TCP/IP | (2006) Modbus Messaging on TCP/IP Implementation Guide; Version V1.0b |
| NACE INTERNATIONAL (NACE) | |
| NACE RP0193 | (2001) External Cathodic Protection of On-Grade Carbon Steel Storage Tank Bottoms |
| NACE RP0402 | (2002) Field-Applied Fusion-Bonded Epoxy (FBE) Pipe Coating Systems for Girth Weld Joints: Application, Performance, and Quality Control |
| NACE SP0169 | (2015) Control of External Corrosion on Underground or Submerged Metallic Piping Systems |
| NACE SP0177 | (2014) Mitigation of Alternating Current and Lightning Effects on Metallic Structures and Corrosion Control Systems |
| NACE SP0178 | (2007) Design, Fabrication, and Surface Finish Practices for Tanks and Vessels to be Lined for Immersion Service |
| NACE SP0185 | (2007) Extruded Polyolefin Resin Coating Systems |

with Soft Adhesives for Underground or Submerged Pipe

- NACE SP0188 (1999; R 2006) Discontinuity (Holiday) Testing of New Protective Coatings on Conductive Substrates
- NACE SP0196 (2015) Galvanic Anode Cathodic Protection of Internal Submerged Surfaces of Steel Water Storage Tanks
- NACE SP0274 (1974; R 2011) High Voltage Electrical Inspection of Pipeline Coatings
- NACE SP0285 (2011) External Corrosion Control of Underground Storage Tank Systems by Cathodic Protection
- NACE SP0288 (2011) Inspection of Linings on Steel and Concrete Equipment
- NACE SP0388 (2018) Impressed Current Cathodic Protection of Internal Submerged Surfaces of Carbon Steel Water Storage Tanks - Item No. 21040
- NACE SP0572 (2001; R 2007) Design, Installation, Operation and Maintenance of Impressed Current Deep Anode Beds
- NACE TM0174 (2002) Laboratory Methods for the Evaluation of Protective Coatings and Lining Materials on Metallic Substrates in Immersion Service - Item No:21206
- NACE WJ-1 (2012) Waterjet Cleaning of Metals—Clean to Bare Substrate

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)

- NASA NPR 8621.1 (2006b; Change 7) NASA Procedural Requirements for Mishap and Close Call Reporting, Investigating, and Recordkeeping
- NASA NPR 8715.3 (2008c; Change 9) NASA General Safety Program Requirements
- NASA-STD 8719.12 (2018a) Safety Standard for Explosives, Propellants, and Pyrotechnics
- NASA-STD-5008 (2011b; R 2016; E 2016; Change 1) Protective Coating of Carbon Steel, Stainless Steel, and Aluminum on Launch Structures, Facilities, and Ground Support Equipment
- RCBEA 2.63 (2004) Tank and Storage Tank Un-pressurized
- RCBEA GUIDE (2004) NASA Reliability Centered Building and Equipment Acceptance Guide

NATIONAL AIR DUCT CLEANERS ASSOCIATION (NADCA)

ACR (2013) Standard for Assessment, Cleaning, and Restoration of HVAC Systems

NADCA HVAC Inspection Manual (2005) Procedures for Assessing the Cleanliness of Commercial HVAC Systems

NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MANUFACTURERS (NAAMM)

NAAMM AMP 500 (2006) Metal Finishes Manual

NAAMM AMP 521 (2001; R 2012) Pipe Railing Systems Manual

NAAMM EMLA 920 (2009) Guide Specifications for Metal Lathing and Furring

NAAMM HMMA 801 (2012) Glossary of Terms for Hollow Metal Doors and Frames

NAAMM HMMA 802 (2007) Manufacturing of Hollow Metal Doors and Frames

NAAMM HMMA 810 (2009) Hollow Metal Doors

NAAMM HMMA 820 (2008) Hollow Metal Frames

NAAMM HMMA 830 (2002) Hardware Selection for Hollow Metal Doors and Frames

NAAMM HMMA 840 (2007) Installation and Storage of Hollow Metal Doors and Frames

NAAMM HMMA 850 (2014) Fire Rated Hollow Metal Doors and Frames

NAAMM HMMA 862 (2013) Guide Specifications for Commercial Security Hollow Metal Doors and Frames

NAAMM HMMA 863 (2014) Guide Specifications for Detention Security Hollow Metal Doors and Frames

NAAMM MBG 531 (2017) Metal Bar Grating Manual

NAAMM MBG 532 (2009) Heavy Duty Metal Bar Grating Manual

NATIONAL BOARD OF BOILER AND PRESSURE VESSEL INSPECTORS (NBBI)

NBBI NB-23 (2013) National Board Inspection Code

NBBI NB-23 PART 1 (2013) National Board Inspection Code - Part 1 Installation

NBBI NB-27 (1991) National Board Rules and Recommendations for the Design and Construction of Boiler Blowoff Systems

NATIONAL CABLE AND TELECOMMUNICATIONS ASSOCIATION (NCTA)

NCTA RP (1989) NCTA Recommended Practices for Measurements on Cable Television Systems

NATIONAL CONCRETE MASONRY ASSOCIATION (NCMA)

NCMA TR127B (2010) Design Manual for Segmental Retaining Walls

NATIONAL COUNCIL ON RADIATION PROTECTION AND MEASUREMENTS (NCRP)

NCRP 102 (1989) Medical X-Ray, Electron Beam and Gamma-Ray Protection for Energies up to 50 MeV (Equipment Design, Performance and Use)

NCRP 144 (2003) Radiation Protection for Particle Accelerator Facilities

NCRP 145 (2003) Radiation Protection in Dentistry

NCRP 147 (2004) Structural Shielding Design for Medical X-Ray Imaging Facilities

NATIONAL DRILLING ASSOCIATION (NDA)

DCDMA TM (1991; Reviewed 2012) DCDMA Technical Manual

NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA)

NECA/BICSI 568 (2006) Standard for Installing Building Telecommunications Cabling

NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)

ANSI ANSLG C78.41 (2016) Electric Lamps--Guidelines for Low-Pressure Sodium Lamps

ANSI ANSLG C78.42 (2009; R 2016) For Electric Lamps: High-Pressure Sodium Lamps

ANSI ANSLG C78.43 (2017) Electric Lamps: Single-Ended Metal Halide Lamps

ANSI C12.7 (2014) Requirements for Watthour Meter Sockets

ANSI C12.18 (2006; R 2016) Protocol Specification for ANSI Type 2 Optical Port

ANSI C12.20 (2015; E 2018) Electricity Meters - 0.1, 0.2, and 0.5 Accuracy Classes

ANSI C29.1 (2018) Test Methods for Electrical Power Insulators

ANSI C29.2 (2012) American National Standard for Insulators - Wet-Process Porcelain and Toughened Glass - Suspension Type

ANSI C29.3 (1986; R 2012) American National Standard for Wet Process Porcelain Insulators - Spool Type

| | |
|---------------|--|
| ANSI C29.4 | (1989; R 2012) Standard for Wet-Process Porcelain Insulators - Strain Type |
| ANSI C29.5 | (1984; R 2002) Wet-Process Porcelain Insulators (Low and Medium Voltage Pin Type) |
| ANSI C29.9 | (2017) Wet Process Porcelain Insulators - Apparatus, Post-Type |
| ANSI C62.61 | (1993) American National Standard for Gas Tube Surge Arresters on Wire Line Telephone Circuits |
| ANSI C78.23 | (1995; R 2003) American National Standard for Incandescent Lamps - Miscellaneous Types |
| ANSI C78.40 | (2011) American National Standard for Mercury Lamps--Specifications |
| ANSI C78.379 | (2006; R 2015) American National Standard for Electric Lamps--Classification of the Beam Patterns of Reflector Lamps |
| ANSI C78.389 | (2004; R 2009) American National Standard for Electric Lamps - High Intensity Discharge (HID) - Methods of Measuring Characteristics |
| ANSI C78.901 | (2016) Electric Lamps - Single Base Fluorescent Lamps--Dimensional and Electrical Characteristics |
| ANSI C78.1381 | (1998) American National Standard for Electric Lamps - 250-Watt, 70 Watt, M85 Metal-Halide Lamps |
| ANSI C80.1 | (2005) American National Standard for Electrical Rigid Steel Conduit (ERSC) |
| ANSI C80.3 | (2015) American National Standard for Electrical Metallic Tubing (EMT) |
| ANSI C80.5 | (2015) American National Standard for Electrical Rigid Aluminum Conduit |
| ANSI C82.2 | (2002) American National Standard for Lamp Ballasts--Methods of Measurement of Fluorescent Lamp Ballasts |
| ANSI C82.4 | (2017) Lamp Ballasts - Ballasts for High-Intensity-Discharge and Low-Pressure Sodium Lamps |
| ANSI C119.1 | (2016) Electric Connectors - Sealed Insulated Underground Connector Systems Rated 600 Volts |
| ANSI C136.2 | (2015) American National Standard for Roadway and Area Lighting Equipment: Luminaires Voltage Classification |
| ANSI C136.3 | (2014) American National Standard for Roadway and Area Lighting Equipment Luminaire Attachments |

| | |
|-------------------------|--|
| ANSI C136.6 | (2004) American National Standard for Roadway Lighting Equipment - Metal Heads and Reflector Assemblies - Mechanical and Optical Interchangeability |
| ANSI C136.9 | (2003) American National Standard for Roadway and Area Lighting Equipment - Socket Support Assemblies for Metal Heads - Mechanical Interchangeability |
| ANSI C136.10 | (2017) Roadway and Area Lighting Equipment-Locking-Type Photocontrol Devices and Mating Receptacles--Physical and Electrical Interchangeability and Testing |
| ANSI C136.11 | (2011; R 2016) Roadway Lighting Equipment - Multiple Parallel Wired Sockets |
| ANSI C136.13 | (2014) Roadway and Area Lighting Equipment - Metal Brackets for Wood Poles |
| ANSI C136.15 | (2015) American National Standard for Roadway Lighting Equipment - High-Intensity-Discharge and Low-Pressure Sodium Lamps in Luminaires - Field Identification |
| ANSI C136.21 | (2014) American National Standard for Roadway and Area Lighting Equipment - Vertical Tenons Used with Post-Top-Mounted Luminaires |
| ANSI NEMA ANSLG C78.390 | (2006; R 2015) Method of Designation for Electric Lamps, -Miniature and Sealed-Beam Incandescent Lamps |
| ANSI Z535.1 | (2017) Safety Colors |
| ANSI/ANSLG C78.43 | (2013) American National Standard for Electric Lamps - Single-Ended Metal-Halide Lamps |
| ANSI/NEMA C78.LL 1256 | (2003; R 2015) Procedures for Fluorescent Lamp Sample Preparation and the Toxicity Characteristic Leaching Procedure (TCLP) |
| ANSI/NEMA GR 1 | (2007) Grounding Rod Electrodes and Grounding Rod Electrode Couplings |
| ANSI/NEMA LD 3 | (2005) Standard for High-Pressure Decorative Laminates |
| ANSI/NEMA OS 1 | (2013) Sheet-Steel Outlet Boxes, Device Boxes, Covers, and Box Supports |
| ANSI/NEMA OS 2 | (2013) Nonmetallic Outlet Boxes, Device Boxes, Covers, and Box Supports |
| ANSI/NEMA PB 2.1 | (2013) General Instructions for Proper Handling, Installation, Operation and Maintenance of Deadfront Distribution Switchboards Rated 600 V or Less |

| | |
|--------------------------|---|
| ANSI/NEMA WC 66 | (2013) Performance Standard for Category 6 and Category 7 100 Ohm Shielded and Unshielded Twisted Pairs |
| ANSI/NEMA WC 71/ICEA S-9 | (2014) Standard for Nonshielded Cables Rated 2001-5000 Volts for use in the Distribution of Electric Energy |
| NEMA 250 | (2018) Enclosures for Electrical Equipment (1000 Volts Maximum) |
| NEMA 260 | (1996; R 2004) Safety Labels for Pad-Mounted Switchgear and Transformers Sited in Public Areas |
| NEMA AB 1 | (2002) Molded-Case Circuit Breakers, Molded Case Switches, and Circuit-Breaker Enclosures |
| NEMA AB 3 | (2013) Molded Case Circuit Breakers and Their Application |
| NEMA ANSLG C78.44 | (2008) For Electric Lamps - Double-Ended Metal Halide Lamps |
| NEMA ANSLG C78.81 | (2016) American National Standard for Electric Lamps--Double-Capped Fluorescent Lamps--Dimensional and Electrical Characteristics |
| NEMA ANSLG C78.377 | (2017) Electric Lamps- Specifications for the Chromaticity of Solid State Lighting Products |
| NEMA ANSLG C78.380 | (2007) Electric Lamps - High Intensity Discharge Lamps, Method of Designation |
| NEMA ANSLG C82.9 | (2010) American National Standard for Lamp Ballasts- High-Intensity Discharge and Low-Pressure Sodium Lamps- Definitions |
| NEMA ANSLG C82.11 | (2017) Lamp Ballasts - High-Frequency Fluorescent Lamp Ballasts |
| NEMA ANSLG C82.14 | (2016) Lamp Ballasts Low-Frequency Square Wave Electronic Ballasts -- for Metal Halide Lamps |
| NEMA BU 1.1 | (2010) General Instructions for Proper Handling, Installation, Operation and Maintenance of Busway Rated 600 V or Less |
| NEMA C12.4 | (1984; R 2011) Registers - Mechanical Demand |
| NEMA C12.19 | (2012) Utility Industry End Device Data Tables |
| NEMA C29.2B | (2013) Wet Process Porcelain and Toughened Glass - Transmission Suspension Type |
| NEMA C37.50 | (2018) Switchgear--Low-Voltage AC Power Circuit Breakers Used in Enclosures - Test Procedures |

| | |
|---------------|--|
| NEMA C37.51 | (2018) Switchgear--Metal Enclosed Low-Voltage AC Power, Circuit-Breaker Switchgear Assemblies-Conformance Test Procedures |
| NEMA C37.72 | (1987) Manually-Operated, Dead-Front Padmounted Switchgear with Load Interrupting Switches and Separable Connectors for Alternating-Current Systems |
| NEMA C50.10 | (1990) Rotating Electrical Machinery - Synchronous Machines |
| NEMA C50.41 | (2012) American National Standard for Polyphase Induction Motors for Power Generating Stations |
| NEMA C78.376 | (2014) Electric Lamps - Specifications for the Chromaticity of Fluorescent Lamps |
| NEMA C78.LL 3 | (2003; R 2015) Electric Lamps - Procedures for High Intensity Discharge Lamp Sample Preparation and the Toxicity Characteristic Leaching Procedure |
| NEMA C82.77 | (2002) Harmonic Emission Limits - Related Power Quality Requirements for Lighting Equipment |
| NEMA C119.1 | (2016) Electric Connectors - Sealed Insulated Underground Connector Systems Rated 600 Volts |
| NEMA C119.4 | (2011) Electric Connectors - Connectors for Use Between Aluminum-to-Aluminum or Aluminum-to-Copper Conductors Designed for Normal Operation at or Below 93 Degrees C and Copper-to-Copper Conductors Designed for Normal Operation at or Below 100 Degrees C |
| NEMA C135.4 | (1987) Zinc-Coated Ferrous Eyebolts and Nuts for Overhead Line Construction |
| NEMA C136.10 | (2017) American National Standard for Roadway and Area Lighting Equipment-Locking-Type Photocontrol Devices and Mating Receptacles--Physical and Electrical Interchangeability and Testing |
| NEMA C136.20 | (2012) American National Standard for Roadway and Area Lighting Equipment - Fiber Reinforced Composite (FRC) Lighting Poles |
| NEMA C136.31 | (2018) Roadway and Area Lighting Equipment - Luminaire Vibration |
| NEMA DC 3 | (2013) Residential Controls - Electrical Wall-Mounted Room Thermostats |
| NEMA ESPG | (2009-2010) Electrical Standards and Product Guide (ESPG) |
| NEMA FB 1 | (2014) Standard for Fittings, Cast Metal Boxes, and Conduit Bodies for Conduit, Electrical Metallic |

Tubing, and Cable

| | |
|--------------------|---|
| NEMA FU 1 | (2012) Low Voltage Cartridge Fuses |
| NEMA IA 2 | (2005) Programmable Controllers - Parts 1 thru 8 |
| NEMA ICS 1 | (2000; R 2015) Standard for Industrial Control and Systems: General Requirements |
| NEMA ICS 2 | (2000; R 2005; Errata 2008) Industrial Control and Systems Controllers, Contactors, and Overload Relays Rated 600 V |
| NEMA ICS 3 | (2005; R 2010) Medium-Voltage Controllers Rated 2001 to 7200 V AC |
| NEMA ICS 3.1 | (2019) Guide for the Application, Handling, Storage, Installation and Maintenance of Medium-Voltage AC Contactors, Controllers and Control Centers |
| NEMA ICS 4 | (2015) Application Guideline for Terminal Blocks |
| NEMA ICS 5 | (2017) Industrial Control and Systems: Control Circuit and Pilot Devices |
| NEMA ICS 6 | (1993; R 2016) Industrial Control and Systems: Enclosures |
| NEMA ICS 7 | (2014) Adjustable-Speed Drives |
| NEMA ICS 7.2 | (2015) Application Guide for AC Adjustable Speed Drive Systems |
| NEMA ICS 8 | (2011) Crane and Hoist Controllers |
| NEMA ICS 10 Part 2 | (2005) AC Transfer Equipment, Part 2: Static AC Transfer Equipment |
| NEMA ICS 61800-2 | (2005) Adjustable Speed Electrical Power Drive Systems Part 2: General Requirements - Rating Specifications for Low Voltage Adjustable Frequency A.C. Power Drive Systems |
| NEMA IEC 60529 | (2004) Degrees of Protection Provided by Enclosures (IP Code) |
| NEMA KS 1 | (2013) Enclosed and Miscellaneous Distribution Equipment Switches (600 V Maximum) |
| NEMA LA 1 | (2009) Standard for Surge Arresters |
| NEMA LD 3.1 | (1995) Performance, Application, Fabrication, and Installation of High-Pressure Decorative Laminates |
| NEMA LI 1 | (1998; R 2011) Industrial Laminating Thermosetting Products |

| | |
|-------------|--|
| NEMA LSD 71 | (2014) Best Practices for Metal Halide Lighting Systems Relative to Lamp Rupture Risk |
| NEMA MG 1 | (2018) Motors and Generators |
| NEMA MG 2 | (2014) Safety Standard for Construction and Guide for Selection, Installation and Use of Electric Motors and Generators |
| NEMA MG 10 | (2017) Energy Management Guide for Selection and Use of Fixed Frequency Medium AC Squirrel-Cage Polyphase Induction Motors |
| NEMA MG 11 | (1977; R 2012) Energy Management Guide for Selection and Use of Single Phase Motors |
| NEMA PB 1 | (2011) Panelboards |
| NEMA PB 2 | (2011) Deadfront Distribution Switchboards |
| NEMA PE 1 | (2012; R 2017) Uninterruptible Power Systems (UPS) – Specification and Performance Verification |
| NEMA RN 1 | (2005; R 2013) Polyvinyl-Chloride (PVC) Externally Coated Galvanized Rigid Steel Conduit and Intermediate Metal Conduit |
| NEMA SG 2 | (1993) Standard for High-Voltage Fuses |
| NEMA SG 4 | (2009; R 2013) AC High-Voltage Circuit Breakers |
| NEMA SG 6 | (2000) Standard for Power Switching Equipment |
| NEMA SM 23 | (1991; R 2002) Steam Turbines for Mechanical Drive Service |
| NEMA SSL 1 | (2016) Electronic Drivers for LED Devices, Arrays, or Systems |
| NEMA SSL 3 | (2011) High-Power White LED Binning for General Illumination |
| NEMA SSL 7A | (2015) Phase-Cut Dimming for Solid State Lighting: Basic Compatibility |
| NEMA ST 1 | (1988; R 1994; R 1997) Specialty Transformers (Except General Purpose Type) |
| NEMA ST 20 | (2014) Dry-Type Transformers for General Applications |
| NEMA TC 2 | (2013) Standard for Electrical Polyvinyl Chloride (PVC) Conduit |
| NEMA TC 3 | (2016) Polyvinyl Chloride (PVC) Fittings for Use With Rigid PVC Conduit and Tubing |

| | |
|--------------------------|---|
| NEMA TC 6 & 8 | (2013) Standard for Polyvinyl Chloride (PVC) Plastic Utilities Duct for Underground Installations |
| NEMA TC 7 | (2016) Smooth-Wall Coilable Electrical Polyethylene Conduit |
| NEMA TC 9 | (2004) Standard for Fittings for Polyvinyl Chloride (PVC) Plastic Utilities Duct for Underground Installation |
| NEMA TC 14 | (2002) Standard for Reinforced Thermosetting Resin Conduit (RTRC) and Fittings |
| NEMA TP 1 | (2002) Guide for Determining Energy Efficiency for Distribution Transformers |
| NEMA TR 1 | (2013) Transformers, Regulators, and Reactors |
| NEMA TS-1 | (1989; R 2005) Traffic Control Systems (not recommended for new designs) |
| NEMA TS-2 | (2016) Traffic Controller Assemblies with NTCIP Requirements - Version 03.07 |
| NEMA VE 1 | (2017) Metal Cable Tray Systems |
| NEMA VE 2 | (2013; ERTA 2016) Cable Tray Installation Guidelines |
| NEMA WC 3 | (1992; Rev 1 1994) Rubber-Insulated Wire and Cable for the Transmission and Distribution of Electrical Energy |
| NEMA WC 26 | (2008) Binational Wire and Cable Packaging Standard |
| NEMA WC 57 | (2014) Standard for Control, Thermocouple Extension, and Instrumentation Cables |
| NEMA WC 58/ICEA S-75-381 | (2008) Portable and Power Feeder Cables for Use in Mines and Similar Applications |
| NEMA WC 70 | (2009) Power Cable Rated 2000 V or Less for the Distribution of Electrical Energy--S95-658 |
| NEMA WC 72 | (1999; R 2015) Standard for Continuity of Coating Testing for Electrical Conductors |
| NEMA WC 74/ICEA S-93-639 | (2012) 5-46 kV Shielded Power Cable for Use in the Transmission and Distribution of Electric Energy |
| NEMA WC 27500 | (2015) Standard for Aerospace and Industrial Electrical Cable |
| NEMA WD 1 | (1999; R 2015) Standard for General Color Requirements for Wiring Devices |
| NEMA WD 6 | (2016) Wiring Devices Dimensions Specifications |

| | |
|------------------|--|
| NEMA WD 7 | (2011; R 2016) Occupancy Motion Sensors Standard |
| NEMA Z535.1 | (2006; R 2011) Safety Colors |
| NEMA Z535.2 | (2011) Environmental and Facility Safety Signs |
| NEMA Z535.4 | (2011; R 2017) Product Safety Signs and Labels |
| NEMA/ANSI C12.10 | (2011) Physical Aspects of Watthour Meters - Safety Standards |
| NEMA/ANSI C12.11 | (2007) Instrument Transformers for Revenue Metering, 10 kV BIL through 350 kV BIL (0.6 kV NSV through 69 kV NSV) |
| NEMA/ANSI C29.7 | (1996; 2002) American National Standard for Wet Process Porcelain Insulators - High-Voltage Line Post Type |

NATIONAL ELEVATOR INDUSTRY, INC. (NEII)

| | |
|--------|--|
| NEII-1 | (2000; R thru 2017) Building Transportation Standards and Guidelines, including the Performance Standards Matrix for New Elevator Installation |
|--------|--|

NATIONAL ENVIRONMENTAL BALANCING BUREAU (NEBB)

| | |
|--------------------------|---|
| NEBB Commissioning Stand | (2009) Procedural Standards for Whole Building Systems Commissioning of New Construction; 3rd Edition |
| NEBB MASV | (2006) Procedural Standards for Measurements and Assessment of Sound and Vibration |
| NEBB PROCEDURAL STANDARD | (2015) Procedural Standards for TAB (Testing, Adjusting and Balancing) Environmental Systems |

NATIONAL FENESTRATION RATING COUNCIL (NFRC)

| | |
|----------|---|
| NFRC 100 | (2014) Procedure for Determining Fenestration Product U-Factors |
| NFRC 200 | (2014) Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence |
| NFRC 500 | (2010) Procedure for Determining Fenestration Product Condensation Resistance Values |

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

| | |
|---------|---|
| NFPA 1 | (2018) Fire Code |
| NFPA 10 | (2018; TIA 18-1) Standard for Portable Fire Extinguishers |
| NFPA 11 | (2016; ERTA 2016) Standard for Low-, Medium- and |

High- Expansion Foam

| | |
|----------|---|
| NFPA 12 | (2018) Standard on Carbon Dioxide Extinguishing Systems |
| NFPA 12A | (2018) Standard on Halon 1301 Fire Extinguishing Systems |
| NFPA 13 | (2016; TIA 16-1; TIA 16-2; TIA 16-3 2016; Errata 17-1; Errata 17-2) Standard for the Installation of Sprinkler Systems |
| NFPA 13D | (2016) Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes |
| NFPA 13E | (2020) Recommended Practice for Fire Department Operations in Properties Protected by Sprinkler and Standpipe Systems |
| NFPA 13R | (2013) Standard for the Installation of Sprinkler Systems in Residential Occupancies Up to and Including Four Stories in Height |
| NFPA 14 | (2019) Standard for the Installation of Standpipes and Hose Systems |
| NFPA 15 | (2017; ERTA 2017) Standard for Water Spray Fixed Systems for Fire Protection |
| NFPA 16 | (2015) Standard for Installation of Foam-Water Sprinkler and Foam-Water Spray Systems |
| NFPA 17 | (2013) Standard for Dry Chemical Extinguishing Systems |
| NFPA 17A | (2013) Standard for Wet Chemical Extinguishing Systems |
| NFPA 20 | (2016; Errata 1 2016; Errata 2 2018) Standard for the Installation of Stationary Pumps for Fire Protection |
| NFPA 22 | (2018) Standard for Water Tanks for Private Fire Protection |
| NFPA 24 | (2016; ERTA 2016) Standard for the Installation of Private Fire Service Mains and Their Appurtenances |
| NFPA 25 | (2020) Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems |
| NFPA 30 | (2018) Flammable and Combustible Liquids Code |
| NFPA 30A | (2018) Code for Motor Fuel Dispensing Facilities and Repair Garages |

| | |
|----------|---|
| NFPA 31 | (2016) Standard for the Installation of Oil-Burning Equipment |
| NFPA 37 | (2018) Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines |
| NFPA 45 | (2019) Standard on Fire Protection for Laboratories Using Chemicals |
| NFPA 51B | (2014) Standard for Fire Prevention During Welding, Cutting, and Other Hot Work |
| NFPA 54 | (2018) National Fuel Gas Code |
| NFPA 55 | (2016; TIA 16-1; TIA 16-2) Compressed Gases and Cryogenic Fluids Codes |
| NFPA 58 | (2020) Liquefied Petroleum Gas Code |
| NFPA 65 | (1993) Processing and Finishing of Aluminum |
| NFPA 70 | (2017; ERTA 1-2 2017; TIA 17-1; TIA 17-2; TIA 17-3; TIA 17-4; TIA 17-5; TIA 17-6; TIA 17-7; TIA 17-8; TIA 17-9; TIA 17-10; TIA 17-11; TIA 17-12; TIA 17-13; TIA 17-14; TIA 17-15; TIA 17-16; TIA 17-17) National Electrical Code |
| NFPA 70B | (2019) Recommended Practice for Electrical Equipment Maintenance |
| NFPA 70E | (2018; TIA 18-1; TIA 81-2) Standard for Electrical Safety in the Workplace |
| NFPA 72 | (2019; TIA 19-1; ERTA 2019) National Fire Alarm and Signaling Code |
| NFPA 75 | (2017) Standard for the Protection of Information Technology Equipment |
| NFPA 77 | (2014) Recommended Practice on Static Electricity |
| NFPA 79 | (2015) Electrical Standard for Industrial Machinery |
| NFPA 80 | (2016; TIA 16-1) Standard for Fire Doors and Other Opening Protectives |
| NFPA 80A | (2017) Recommended Practice for Protection of Buildings from Exterior Fire Exposures |
| NFPA 82 | (2019) Standard on Incinerators and Waste and Linen Handling Systems and Equipment |
| NFPA 85 | (2019) Boiler and Combustion Systems Hazards Code |
| NFPA 90A | (2018) Standard for the Installation of Air Conditioning and Ventilating Systems |

| | |
|----------|---|
| NFPA 90B | (2018) Standard for the Installation of Warm Air Heating and Air Conditioning Systems |
| NFPA 91 | (2020) Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists and Noncombustible Particulate Solids |
| NFPA 96 | (2017; TIA 17-1) Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations |
| NFPA 99 | (2018; TIA 18-1) Health Care Facilities Code |
| NFPA 101 | (2018; TIA 18-1; TIA 18-2; TIA 18-3) Life Safety Code |
| NFPA 105 | (2016; TIA 16-1) Standard for Smoke Door Assemblies and Other Opening Protectives |
| NFPA 110 | (2016) Standard for Emergency and Standby Power Systems |
| NFPA 111 | (2019) Standard on Stored Electrical Energy Emergency and Standby Power Systems |
| NFPA 170 | (2018) Standard for Fire Safety and Emergency Symbols |
| NFPA 211 | (2019) Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances |
| NFPA 214 | (2016) Standard on Water-Cooling Towers |
| NFPA 220 | (2018) Standard on Types of Building Construction |
| NFPA 241 | (2019) Standard for Safeguarding Construction, Alteration, and Demolition Operations |
| NFPA 251 | (2006) Standard Methods of Tests of Fire Resistance of Building Construction and Materials |
| NFPA 252 | (2017) Standard Methods of Fire Tests of Door Assemblies |
| NFPA 253 | (2011) Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source |
| NFPA 255 | (2006; Errata 2006) Standard Method of Test of Surface Burning Characteristics of Building Materials |
| NFPA 257 | (2012; ERTA 2017) Standard on Fire Test for Window and Glass Block Assemblies |
| NFPA 260 | (2013) Standard Methods of Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture |

| | |
|----------|--|
| NFPA 262 | (2019) Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces |
| NFPA 265 | (2019) Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile or Expanded Vinyl Wall Coverings on Full Height Panels and Walls |
| NFPA 268 | (2012) Standard Test Method for Determining Ignitibility of Exterior Wall Assemblies Using a Radiant Heat Energy Source |
| NFPA 275 | (2017) Standard Method of Fire Tests for the Evaluation of Thermal Barriers |
| NFPA 285 | (2012) Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Non-Load-Bearing Wall Assemblies Containing Combustible Components |
| NFPA 286 | (2019) Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth |
| NFPA 288 | (2017) Standard Methods of Fire Tests of Horizontal Fire Door Assemblies Installed in Horizontal Fire Resistance-Rated Assemblies |
| NFPA 291 | (2016) Recommended Practice for Fire Flow Testing and Marking of Hydrants |
| NFPA 303 | (2016) Fire Protection Standards for Marinas and Boatyards |
| NFPA 306 | (2019) Standard for the Control of Gas Hazards on Vessels |
| NFPA 326 | (2015) Standard for Safeguarding of Tanks and Containers for Entry, Cleaning, or Repair |
| NFPA 329 | (2015) Recommended Practice for Handling Releases of Flammable and Combustible Liquids and Gases |
| NFPA 385 | (2012) Standard for Tank Vehicles for Flammable and Combustible Liquids |
| NFPA 407 | (2017) Standard for Aircraft Fuel Servicing |
| NFPA 409 | (2016; ERTA 2016) Standard on Aircraft Hangars |
| NFPA 418 | (2016) Standard for Heliports |
| NFPA 496 | (2017) Standard for Purged and Pressurized Enclosures for Electrical Equipment |
| NFPA 505 | (2018) Fire Safety Standard for Powered Industrial |

Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations

| | |
|-----------|---|
| NFPA 664 | (2017) Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities |
| NFPA 701 | (2019) Standard Methods of Fire Tests for Flame Propagation of Textiles and Films |
| NFPA 704 | (2017) Standard System for the Identification of the Hazards of Materials for Emergency Response |
| NFPA 780 | (2017) Standard for the Installation of Lightning Protection Systems |
| NFPA 820 | (2016) Standard for Fire Protection in Wastewater Treatment and Collection Facilities |
| NFPA 1221 | (2019) Standard for the Installation, Maintenance and Use of Emergency Services Communications Systems |
| NFPA 1961 | (2013) Standard on Fire Hose |
| NFPA 1963 | (2019) Standard for Fire Hose Connections |
| NFPA 1971 | (2018; ERTA 2018; TIA 18-1; TIA 81-2) Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting |
| NFPA 2001 | (2018) Standard on Clean Agent Fire Extinguishing Systems |

NATIONAL FLUID POWER ASSOCIATION (NFLPA)

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|--------------------|--|
| ANSI/NFLPA T3.12.3 | (1992; Rev 2) Pneumatic Fluid Power - Pressure Regulator - Industrial Type |
| ANSI/NFLPA T3.16.2 | (1997; Rev 1; Reapproved 2005) Hydraulic Fluid Power - Design for Nonintegral Industrial Reservoirs |
| NFLPA T2.13.1 | (2007; 5th Ed) Recommended Practice - Hydraulic Fluid Power - Use Of Fire Resistant Fluids In Industrial Systems |
| NFLPA T3.5.1 | (2002; R 2015) Hydraulic Fluid Power - Valves, Mounting Surfaces |
| NFLPA T3.28.9 | (1989; R 2009; 2nd Ed) Fluid Power Systems and Products - Moving Parts Fluid Controls - Method of Diagramming |

NATIONAL HARDWOOD LUMBER ASSOCIATION (NHLA)

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|------------|---|
| NHLA Rules | (2015) Rules for the Measurement & Inspection of Hardwood & Cypress |
|------------|---|

NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES
(NICET)

NICET 1014-7 (2012) Program Detail Manual for Certification in the Field of Fire Protection Engineering Technology (Field Code 003) Subfield of Automatic Sprinkler System Layout

NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH (NIOSH)

NIOSH 81-123 (1981) Occupational Health Guideline for Chemical Hazards, (Vols. I, II, and III)

NIOSH 85-115 (1985) Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities

NIOSH 99-109 (Latest) Certified Equipment List

NIOSH 2003-154 (2003; 4th Ed; Supple 3) NIOSH Manual of Analytical Methods

NIOSH NMAM (2016; 5th Ed) NIOSH Manual of Analytical Methods

NATIONAL INSTITUTE OF BUILDING SCIENCES (NIBS)

NBIMS-US (V3) National BIM Standard - United States

NCS (V6) United States National CAD Standard

NATIONAL INSTITUTE OF JUSTICE (NIJ)

NIJ Std 0108.01 (1985) Ballistic Resistant Protective Materials

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST)

NIST FIPS 140-2 (2001) Security Requirements for Cryptographic Modules

NIST FIPS 197 (2001) Advance Encryption Standard

NIST FIPS 201-2 (2013) Personal Identity Verification (PIV) of Federal Employees and Contractors

NIST HB 44 (2018) Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices

NIST HB 135 (1995; Annual Suppl 2010) Life Cycle Costing Manual for the Federal Energy Management Program

NIST PS 1 (2009) DOC Voluntary Product Standard PS 1-07, Structural Plywood

NIST SP 250 (1991) Calibration Services Users Guide

NIST SP 800-82 (2015; Rev 2) Guide to Industrial Control Systems (ICS) Security

NATIONAL LIME ASSOCIATION (NLA)

NLA BUL 326 (2004) Lime-Treated Soil Construction Manual: Lime Stabilization and Lime Modification

NATIONAL PARK SERVICE (NPS)

NPS Hist Prop (2017) National Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing Historic Buildings

NPS TPS Brief 1 (2000) Assessing Cleaning and Water-Repellent Treatments for Historic Masonry Buildings

NPS TPS Brief 2 (1998) Repointing Mortar Joints in Historic Masonry Buildings

NATIONAL PRECAST CONCRETE ASSOCIATION (NPCA)

NPCA QC Manual (2017) Quality Control Manual for Precast and Prestressed Concrete Plants

NATIONAL READY MIXED CONCRETE ASSOCIATION (NRMCA)

NRMCA CPMB 100 (2000; R 2006) Concrete Plant Standards

NRMCA QC 3 (2015) Quality Control Manual: Section 3, Plant Certifications Checklist: Certification of Ready Mixed Concrete Production Facilities

NATIONAL ROOFING CONTRACTORS ASSOCIATION (NRCA)

NRCA 0420 (2010) Architectural Metal Flashing, Condensation Control and Reroofing

NRCA 0429 (2014) The NRCA Roofing Manual: Architectural Metal Flashing, Condensation and Air Leakage Control and Reroofing

NRCA 0437 (2017) The NRCA Roofing Manual: Steep-slope Roof Systems

NRCA 3619 (2004) Quality Control Guidelines for Application of Polymer-Modified Bitumen Roofing

NRCA 3740 (2005) The NRCA Waterproofing Manual

NRCA 3758 (2009) Guidelines for Roof-mounted Photovoltaic System Installation

NRCA 3760 (2010) Building Owners Guide to Roof-mounted Photovoltaic Systems

NRCA 3767 (2012) NRCA Guidelines for Roof Systems With Rooftop Photovoltaic Components

NRCA C3701 (1997) Repair Manual for Low Slope Membrane Roof Systems

NRCA CONDET (2014) Construction Details Manual

NRCA RoofMan (2017) The NRCA Roofing Manual

NATIONAL SECURITY TELECOMMUNICATIONS AND INFORMATION SYSTEMS SECURITY (NSTISS)

NSTISSAM TEMPEST/2-95 (1995; Am A 2000) RED/BLACK Installation Guidance

NSTISSI-7003 (1996) Protective Distribution Systems (PDS)

NATIONAL TERRAZZO AND MOSAIC ASSOCIATION (NTMA)

NTMA Info Guide (2017) Terrazzo Reference Guide

NATIONAL WOOD FLOORING ASSOCIATION (NWFA) (formerly NOFMA)

NOFMA Grading Rules (1999) Official Flooring Grading Rules

NAVAL FACILITIES ENGINEERING AND EXPEDITIONARY WARFARE CENTER (NAVFAC EXWC)

NAVFAC EXWC CR 80.025 (1980) Testing and Evaluation of Attack Resistance and Hardening Retrofits of Marine Barrack Construction Types to Small Arms Multiple Impact Threat

NAVY AND MARINE CORPS PUBLIC HEALTH CENTER (NMCPHC)

IHFOM, CH 13, Sec. 3 (2015) Mold Cleanup, Remediation, and Clearance Sampling

NEW YORK STATE DEPARTMENT OF TRANSPORTATION MATERIALS BUREAU (NYSDOT)

NY 703-19 E (2008) Moisture Content of Lightweight Fine Aggregate

NORDTEST (NT)

NT Build 492 (1999) Concrete, Mortar and Cement-Based Repair Materials: Chloride Migration Coefficient from Non-Steady-State Migration Experiments

NORTH AMERICAN INSULATION MANUFACTURERS ASSOCIATION (NAIMA)

NAIMA AH112 (1993) Cleaning Fibrous Glass or Lined Sheet Metal Ducts

NAIMA AH116 (2002, 5th Ed) Fibrous Glass Duct Construction Standards

NAIMA AH122 (2006) Cleaning Fibrous Insulated Duct Systems - Recommended Practices

NAIMA AH127 (1999) Facts About the Impact of Duct Cleaning on Internal Duct Insulation

NORTH ATLANTIC TREATY ORGANIZATION (NATO)

AFLP-3747 (2013; Rev 9) Guide Specifications (Minimum Quality Standards) for Aviation Turbine Fuels (F-24, F-27, F-34, F-35, F-37, F-40 And F-44)

NORTHEASTERN LUMBER MANUFACTURERS ASSOCIATION (NELMA)

NELMA Grading Rules (2013) Standard Grading Rules for Northeastern Lumber

NSF INTERNATIONAL (NSF)

NSF 53A (2012) Drinking Water Treatment Units - Health Effects

NSF 372 (2016) Drinking Water System Components - Lead Content

NSF Food Equipment (2005) NSF Product Listings of Food Equipment and Related Products, Components and Materials

NSF/ANSI 2 (2015) Food Equipment

NSF/ANSI 3 (2017) Commercial Warewashing Equipment

NSF/ANSI 4 (2016) Commercial Cooking, Rethermalization and Powered Hot Food Holding and Transportation Equipment

NSF/ANSI 6 (2018) Dispensing Freezers

NSF/ANSI 7 (2016) Commercial Refrigerators and Freezers

NSF/ANSI 8 (2017) Commercial Powered Food Preparation Equipment

NSF/ANSI 12 (2018) Automatic Ice Making Equipment

NSF/ANSI 13 (2017) Refuse Processors and Processing Equipment

NSF/ANSI 14 (2018) Plastics Piping System Components and Related Materials

NSF/ANSI 18 (2016) Manual Food and Beverage Dispensing Equipment

NSF/ANSI 20 (2016) Commercial Bulk Milk Dispensing Equipment

NSF/ANSI 21 (2012) Thermoplastic Refuse Containers

NSF/ANSI 25 (2017) Vending Machines for Food and Beverages

NSF/ANSI 29 (2017) Detergent and Chemical Feeders for Commercial Spray-type Dishwashing Machines

| | |
|---|---|
| NSF/ANSI 35 | (2017) High Pressure Decorative Laminates for Surfacing Food Service Equipment |
| NSF/ANSI 36 | (2012) Dinnerware |
| NSF/ANSI 37 | (2012) Air Curtains for Entranceways in Food and Food Service Establishments |
| NSF/ANSI 42 | (2019) Drinking Water Treatment Units - Aesthetic Effects |
| NSF/ANSI 51 | (2012) Food Equipment Materials |
| NSF/ANSI 52 | (2017) Supplemental Flooring |
| NSF/ANSI 59 | (2017) Mobile Food Carts |
| NSF/ANSI 60 | (2019) Drinking Water Treatment Chemicals - Health Effects |
| NSF/ANSI 61 | (2019) Drinking Water System Components - Health Effects |
| NSF/ANSI 169 | (2012) Special Purpose Food Equipment and Devices |
| NSF/ANSI 222 | (2006e; R 2011) Ozone Generators |
| OPC FOUNDATION (OPC) | |
| OPC DA | (Ver 3.0; Errata) OPC Data Access (DA) |
| OPEN NETWORK VIDEO INTERFACE FORUM (ONVIF) | |
| ONVIF | (2017) Core Specification Version 17.06 |
| ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT (OECD) | |
| OECD Test 203 | (1992) Fish Acute Toxicity Test |
| PASSIVE HOUSE INSTITUTE - US (PHIUS) | |
| PHIUS Certified | Certified Data Program for Window Performance |
| PASSIVE HOUSE INSTITUTE INTERNATIONAL (PHI) | |
| Passivhaus Certified | (2012) Certification of Passive House Suitable Components |
| Passivhaus Criteria | (2012) Certification Criteria for Certified Passive House Glazings and Transparent Components |
| PILE DRIVING CONTRACTORS ASSOCIATION (PDCA) | |
| PDCA Specification 103 | (2007) Installation Specification for Driven Piles |
| PIPE FABRICATION INSTITUTE (PFI) | |

PFI ES 1 (2010) Internal Machining and Solid Machined Backing Rings for Circumferential Butt Welds

PFI ES 3 (2009) Fabricating Tolerances

PFI ES 7 (2013) Minimum Length and Spacing for Welded Nozzles

PFI ES 11 (2003) Permanent Marking of Piping Materials

PFI ES 21 (2010) Internal Machining and Fit-up of GTAW Root Pass Circumferential Butt Welds

PFI ES 22 (2016) Recommended Practice for Color Coding of Piping Materials

PFI ES 31 (1992; R 2004) Standard for Protection of Ends of Fabricated Piping Assemblies

PFI ES 35 (1998; R 2003) Nonsymmetrical Bevels and Joint Configurations for Butt Welds

PFI TB1 (2013) Pressure - Temperature Ratings of Seamless Pipe Used in Power Plant Piping Systems

PLANT AND LIFE SCIENCES PUBLISHING (PALS)

NRAES 54 (1992) On-Farm Composting Handbook

PLASTIC PIPE AND FITTINGS ASSOCIATION (PPFA)

PPFA Fire Man (2016) Firestopping: Plastic Pipe in Fire Resistive Construction

PLASTICS PIPE INSTITUTE (PPI)

PPI TR-21 (2001) Thermal Expansion and Contraction in Plastic Piping Systems

PLUMBING AND DRAINAGE INSTITUTE (PDI)

PDI G 101 (2010) Testing and Rating Procedure for Hydro Mechanical Grease Interceptors with Appendix of Installation and Maintenance

PDI WH 201 (2010) Water Hammer Arresters Standard

PLUMBING AND MECHANICAL CONTRACTORS ASSOCIATION (PMCA)

PPIC Seismic Restraint (1982) Guidelines for Seismic Restraints of Mechanical Systems and Plumbing Systems

PLUMBING-HEATING-COOLING CONTRACTORS ASSOCIATION (PHCC)

NAPHCC NSPC (2015) National Standard Plumbing Code Illustrated

PORCELAIN ENAMEL INSTITUTE (PEI)

PEI 1001 (1996) Specification for Architectural Porcelain Enamel (ALS-100)

PEI CG-3 (2005) Color Guide for Architectural Porcelain Enamel

POST-TENSIONING INSTITUTE (PTI)

PTI DC35.1 (2014) Recommendations for Prestressed Rock and Soil Anchors

PTI M10.2 (2017) Specification for Unbonded Single Strand Tendons

PTI M10.3 (2000) Field Procedures Manual for Unbonded Single Strand Tendons

PTI M50.3 (2012) Guide Specification for Grouted Post-Tensioning

PTI M55.1 (2019) Specification for Grouting of Post-Tensioned Structures

PTI TAB.1 (2006) Post-Tensioning Manual

PTI-CRT-20 G1-1015 (2015) Manual for Certification of Plants Producing Unbonded Single Strand Tendons

PRECAST/PRESTRESSED CONCRETE INSTITUTE (PCI)

PCI BDM (2011) Precast Prestressed Concrete Bridge Design Manual

PCI JR-382 (1993) PCI Journal: Recommended Practice for Design, Manufacture and Installation of Prestressed Concrete Piling

PCI MNL-116 (1999) Manual for Quality Control for Plants and Production of Structural Precast Concrete Products, 4th Edition

PCI MNL-117 (2013) Manual for Quality Control for Plants and Production of Architectural Precast Concrete Products, 3rd Edition

PCI MNL-120 (2010) PCI Design Handbook - Precast and Prestressed Concrete, 6th Edition

PCI MNL-122 (2007) Architectural Precast Concrete, 3rd Edition

PCI MNL-124 (2011) Design for Fire Resistance of Precast Prestressed Concrete, Third Edition

PCI MNL-128 (2001) Recommended Practice for Glass Fiber Reinforced Concrete Panels, 4th Edition

PCI MNL-135 (2000) Tolerance Manual for Precast and Prestressed

Concrete Consturction

PROGRAMME FOR ENDORSEMENT OF FOREST CERTIFICATION (PEFC)

PEFC ST 2002:2013 (2015) PEFC International Standard Chain of Custody
of Forest Based Products Requirements

PUGET SOUND CLEAN AIR AGENCY (PSCAA)

PSCAA Regulation Regulation I, II, and III

REDWOOD INSPECTION SERVICE (RIS) OF THE CALIFORNIA REDWOOD
ASSOCIATION (CRA)

RIS Grade Use (1998) Redwood Lumber Grades and Uses

RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RCSC)

RCSC S348 (2014; Errata 2015) RCSC Specification for
Structural Joints Using High-strength Bolts

RESILIENT FLOOR COVERING INSTITUTE (RFCI)

FLOORSCORE FLOORSCORE IAQ Certification

RUBBER MANUFACTURERS ASSOCIATION (RMA)

RMA IP-1 (2011) Conveyor and Elevator Belt Handbook; 3rd
Edition

RMA IP-2 (2009) Hose Handbook; 8th Edition

RMA IP-20 (2007) Specifications for Drives Using Classical
V-Belts and Sheaves. Specifications for A, B, C,
and D Cross Sections

RMA IP-22 (2007) Specifications for Drives Using Narrow
V-Belts and Sheaves (Joint RMA/MPTA), 4th Edition

SANDIA NATIONAL LABORATORIES (SAND)

SAND2007-5036 (2007) Performance Model for Grid-Connected.
Photovoltaic Inverters

SCIENTIFIC CERTIFICATION SYSTEMS (SCS)

SCS SCS Global Services (SCS) Indoor Advantage

SCIENTIFIC EQUIPMENT AND FURNITURE ASSOCIATION (SEFA)

SEFA 7 (2007) Recommended Practice for Laboratory and
Hospital Fixtures

SCREEN MANUFACTURERS ASSOCIATION (SMA)

SMA 1004 (1987; R 1998) Aluminum Tubular Frame Screens for

Windows

SMA 1201 (R 2013) Specifications for Insect Screens for Windows, Sliding Doors and Swinging Doors

SEMICONDUCTOR EQUIPMENT AND MATERIALS INTERNATIONAL (SEMI)

SEMI C28 (2011) Specifications for Hydrofluoric Acid

SEMI C35 (2008) Specifications and Guidelines for Nitric Acid

SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION (SMACNA)

ANSI/SMACNA 008 (2007) IAQ Guidelines for Occupied Buildings Under Construction, 2nd Edition

SMACNA 1378 (1995) Thermoplastic Duct (PVC) Construction Manual, 2nd Edition

SMACNA 1403 (2008) Accepted Industry Practice for Industrial Duct Construction, 2nd Edition

SMACNA 1429 (1994) HVAC Systems Commissioning Manual, 1st Edition

SMACNA 1520 (1999) Round Industrial Duct Construction Standards, 3rd Edition

SMACNA 1767 (2001) Kitchen Ventilation Systems & Food Service Equipment Fabrication & Installation Guidelines, 1st Edition

SMACNA 1780 (2002) HVAC Systems - Testing, Adjusting and Balancing, 3rd Edition

SMACNA 1793 (2012) Architectural Sheet Metal Manual, 7th Edition

SMACNA 1819 (2002) Fire, Smoke and Radiation Damper Installation Guide for HVAC Systems, 5th Edition

SMACNA 1858 (2004) HVAC Sound And Vibration Manual - First Edition

SMACNA 1884 (2003) Fibrous Glass Duct Construction Standards, 7th Edition

SMACNA 1922 (2004) Rectangular Industrial Duct Construction Standards, 2nd Edition

SMACNA 1966 (2005) HVAC Duct Construction Standards Metal and Flexible, 3rd Edition

SMACNA 1972 CD (2012) HVAC Air Duct Leakage Test Manual - 2nd Edition

SMACNA 1981 (2008) Seismic Restraint Manual Guidelines for

Mechanical Systems, 3rd Edition

SMACNA 1987 (2006) HVAC Duct Systems Inspection Guide, 3rd Edition

SINGLE PLY ROOFING INDUSTRY (SPRI)

ANSI/SPRI RD-1 (2014) Performance Standard for Retrofit Drains

ANSI/SPRI/FM 4435/ES-1 (2017) Test Standard for Edge Systems Used with Low Slope Roofing Systems

SPRI RP-4 (2013) Wind Design Standard for Ballasted Single-Ply Roofing Systems

SOCIETY FOR PROTECTIVE COATINGS (SSPC)

CS 23.00/AWS C2.23M/NACE (2003) Specification for the Application of Thermal Spray Coatings (Metallizing) of Aluminum, Zinc, and Their Alloys and Composites for the Corrosion Protection of Steel

SSPC 7/NACE No.4 (2007; E 2004) Brush-Off Blast Cleaning

SSPC AB 1 (2015; E 2017) Mineral and Slag Abrasives

SSPC AB 2 (2015; E 2016) Cleanliness of Recycled Ferrous Metallic Abrasive

SSPC AB 3 (2003; E 2004) Ferrous Metallic Abrasive

SSPC Guide 6 (2015) Guide for Containing Surface Preparation Debris Generated During Paint Removal Operations

SSPC Guide 7 (2004; E 2004) Guide to the Disposal of Lead-Contaminated Surface Preparation Debris

SSPC Guide 10 (1994; E 2001) Guide to Specifying Coatings Conforming to Volatile Organic Compound (VOC) Content Requirements

SSPC Guide 12 (1998; E 2004) Guide for Illumination of Industrial Painting Projects

SSPC Guide 15 (2013) Field Methods for Extraction and Analysis of Soluble Salts on Steel and Other Nonporous Substrates

SSPC PA 1 (2016) Shop, Field, and Maintenance Coating of Metals

SSPC PA 2 (2015; E 2018) Procedure for Determining Conformance to Dry Coating Thickness Requirements

SSPC PA 17 (2012; E 2012) Procedure for Determining Conformance to Steel Profile/Surface Roughness/Peak Count Requirements

| | |
|---------------------|---|
| SSPC PA Guide 3 | (1982; E 1995) A Guide to Safety in Paint Application |
| SSPC PA Guide 5 | (2002; E 2004) Guide to Maintenance Coating of Steel Structures in Atmospheric Service |
| SSPC PS 4.04 | (1982; E 2004) Four-Coat White or Colored Vinyl Painting System (For Fresh Water, Chemical, and Corrosive Atmospheres) |
| SSPC PS 9.01 | (1982; E 2004) Cold-Applied Asphalt Mastic Painting System with Extra-Thick Film |
| SSPC PS 10.01 | (1982; E 2004) Hot-Applied Coal Tar Enamel Painting System |
| SSPC PS 11.01 | (1982; E 2004) Black (or Dark Red) Coal Tar Epoxy Polyamide Painting System |
| SSPC PS 12.01 | (2002; E 2004) One Coat Zinc-Rich Painting System |
| SSPC PS 26.00 | (2000; E 2004) Aluminum Pigmented Epoxy Coating System Materials Specification, Performance-Based (Type I for use over Blast Cleaned Steel and Type II for use over Hand Cleaned Steel) |
| SSPC PS Guide 17.00 | (1982; E 2004) Guide for Selecting Urethane Painting Systems |
| SSPC Paint 11 | (1992; E 2000) Paint Specification No. 11 Red Iron Oxide, Zinc Chromate, Raw Linseed Oil and Alkyd Primer |
| SSPC Paint 15 | (1999; E 2004) Steel Joist Shop Primer |
| SSPC Paint 16 | (2006; R 2015; E 2015) Coal Tar Epoxy-Polyamide Black (or Dark Red) Paint |
| SSPC Paint 18 | (1982; E 2004) Chlorinated Rubber Intermediate Coat Paint |
| SSPC Paint 20 | (2002; E 2004) Zinc-Rich Primers (Type I, Inorganic, and Type II, Organic) |
| SSPC Paint 21 | (1982; E 2004) White or Colored Silicone Alkyd Paint (Type I, High Gloss and Type II, Medium Gloss) |
| SSPC Paint 22 | (1982; E 2004) Paint Specification No. 22 Epoxy-Polyamide Paints (Primer, Intermediate, and Topcoat) |
| SSPC Paint 25 | (1997; E 2004) Zinc Oxide, Alkyd, Linseed Oil Primer for Use Over Hand Cleaned Steel, Type I and Type II |
| SSPC Paint 28 | (1991; E 2004) Water-Borne Epoxy Primer for Steel Surfaces |

| | |
|-----------------------|---|
| SSPC Paint 29 | (2002; E 2004) Zinc Dust Sacrificial Primer, Performance-Based |
| SSPC Paint 33 | (2006; R 2015; E 2015) Coal Tar Mastic, Cold-Applied |
| SSPC Paint 36 | (2006) Two-Component Weatherable Aliphatic Polyurethane Topcoat, Performance-Based |
| SSPC Paint 38 | (2006) Single-Component Moisture-Cure Weatherable Aliphatic Polyurethane Topcoat, Performance-Based |
| SSPC Paint 40 | (2007) Zinc-Rich Moisture-Cure Polyurethane Primer, Performance-Based |
| SSPC Paint 41 | (2008) Moisture-Cured Polyurethane Primer or Intermediate Coat, Micaceous Iron Oxide Reinforced, Performance-Based |
| SSPC Paint 104 | (1982; E 2004) White or Tinted Alkyd Paint |
| SSPC Painting Manual | (2002) Good Painting Practice, Steel Structures Painting Manual, Volume 1 |
| SSPC QP 1 | (2019) Standard Procedure for Evaluating Painting Contractors (Field Application to Complex Industrial Structures) |
| SSPC QP 2 | (2009; E 2013) Standard for Evaluating Painting Contractors (Removal of Hazardous Coatings from Industrial/Marine Structures) |
| SSPC QP 3 | (2010) Standard Procedure for Evaluating Qualifications of Shop Painting Applicators |
| SSPC QP 5 | (2012) Standard Procedure for Evaluating the Qualifications of Coating and Lining Inspection Companies |
| SSPC QS 1 | (2015) Standard Procedure for Evaluating a Contractor's Advanced Quality Management System |
| SSPC SP 1 | (2015) Solvent Cleaning |
| SSPC SP 2 | (1982; E 2000; E 2004) Hand Tool Cleaning |
| SSPC SP 3 | (1982; E 2004) Power Tool Cleaning |
| SSPC SP 5/NACE No. 1 | (2007) White Metal Blast Cleaning |
| SSPC SP 6/NACE No.3 | (2007) Commercial Blast Cleaning |
| SSPC SP 8 | (1982; E 2004) Pickling |
| SSPC SP 10/NACE No. 2 | (2007) Near-White Blast Cleaning |
| SSPC SP 11 | (2012) Power Tool Cleaning to Bare Metal |

| | |
|-----------------------|---|
| SSPC SP 12/NACE No.5 | (2002) Surface Preparation and Cleaning of Metals by Waterjetting Prior to Recoating |
| SSPC SP 16 | (2010) Brush-Off Blast Cleaning of Coated and Uncoated Galvanized Steel, Stainless Steels, and Non-Ferrous Metals |
| SSPC SP COM | (2016; E 2017) Surface Preparation Commentary for Steel and Concrete Substrates |
| SSPC SSPM | (2010) SSPC Painting Manual, Volume 2, Systems and Specifications |
| SSPC VIS 1 | (2002; E 2004) Guide and Reference Photographs for Steel Surfaces Prepared by Dry Abrasive Blast Cleaning |
| SSPC VIS 3 | (2004) Guide and Reference Photographs for Steel Surfaces Prepared by Hand and Power Tool Cleaning |
| SSPC VIS 4/NACE VIS 7 | (1998; E 2000; E 2004) Guide and Reference Photographs for Steel Surfaces Prepared by Waterjetting |
| SSPC-TU 2/NACE 6G197 | (1997) Design, Installation, and Maintenance of Coating Systems for Concrete Used in Secondary Containment |

SOCIETY OF AUTOMOTIVE ENGINEERS INTERNATIONAL (SAE)

| | |
|--------------------|---|
| SAE AMS 2480 | (2009; Rev H) Phosphate Treatment, Paint, Base |
| SAE AMS 3216 | (2005; Rev G) Fluorocarbon (FKM) Rubber High-Temperature - Fluid Resistant Low Compression Set 70 To 80 |
| SAE AMS 3779 | (2016; Rev B) Tape Adhesive, Pressure Sensitive Thermal Radiation Resistant, Aluminum Foil/Glass Cloth |
| SAE AMS-C-6183 | (2013; Rev A) Cork and Rubber Composition Sheet; for Aromatic Fuel and Oil Resistant Gaskets |
| SAE AMS-C-22542 | (2012; Rev A; Stabilized (S) 2012) Cleaning Compound, High Pressure Cleaner, Liquid |
| SAE AMS-P-5315 | (2013, Rev B) Butadiene - Acrylonitrile (NBR) Rubber For Fuel-Resistant Seals 60 To 70 |
| SAE AMS-QQ-A-200/8 | (1997; R 2012) Aluminum Alloy 6061, Bar, Rod, Shapes, Tube, and Wire, Extruded |
| SAE AMS-STD-595A | (2017) Colors used in Government Procurement |
| SAE AMS2460 | (2013; Rev A) Plating, Chromium |
| SAE AMS3275 | (2009; Rev C) Sheet, Acrylonitrile Butadiene (NBR) |

| | |
|--------------|---|
| | Rubber and Non-Asbestos Fiber Fuel and Oil Resistant |
| SAE AMS3611 | (2011; Rev E; Stabilized (S) 2011) Plastic Sheet, Polycarbonate General Purpose |
| SAE AMS5351 | (1987; Rev F; R 2006) Steel Castings, Sand, Corrosion and Moderate Heat Resistant, 13Cr, Normalized and Tempered |
| SAE AMS7276 | (2001; Rev H) Rings, Sealing Fluorocarbon (FKM) Rubber High-Temperature Fluid Resistant Low Compression Set 70 to 80 |
| SAE ARP892 | (1965; R 1994) DC Starter-Generator, Engine |
| SAE ARP5374 | (2001; R 2016) Method of Testing Pre-Conditioned Air Equipment |
| SAE AS598 | (2012) Aerospace Microscopic Sizing and Counting of Particulate Contamination for Fluid Power Systems |
| SAE AS4841 | (2012; Rev A) Fittings, 37 Degree Flared, Fluid Connection |
| SAE AS4842 | (2016; Rev A) Fittings and Bosses, Pipe Threaded, Fluid Connection |
| SAE AS4842/1 | (2016; Rev A) Fittings, 37 Degree Flared to Pipe Threaded, Fluid Connection |
| SAE AS4843 | (2016; Rev A) Fittings, Beaded, Fluid Connection |
| SAE AS4843/1 | (2016; Rev A) Fittings, Beaded to 37 Degree Flared, Fluid Connection |
| SAE AS4843/2 | (2016; Rev A) Fittings, Beaded to Pipe Threaded, Fluid Connection |
| SAE AS4875 | (2016; Rev A) Fittings, Straight Threaded Boss, Fluid Connection |
| SAE AS4875/1 | (2016; Rev A) Fittings, Straight Thread Boss or Flanged to 37 Degree Flared, Fluid Connection |
| SAE AS4875/2 | (2016; Rev A) Fittings, Flanged to Beaded, Fluid Connection |
| SAE AS5756/6 | (2013; Rev A; Stabilized (S) 2013) Cable, 3-Phase Power, Electric Portable, Multiconductor, 90 Degree C, 600V, Ozone Resistant, Split Phase |
| SAE AS5877 | (2016; Rev B) Detailed Specification for Aircraft Pressure Refueling Nozzle |
| SAE AS38386 | (1999; R2013) Duct Assembly, Ground, Conditioned Air, Insulated, Flexible |

| | |
|------------|--|
| SAE J200 | (2015) Classification System for Rubber Materials |
| SAE J429 | (2014) Mechanical and Material Requirements for Externally Threaded Fasteners |
| SAE J513 | (1999) Refrigeration Tube Fittings - General Specifications |
| SAE J514 | (2012) Hydraulic Tube Fittings |
| SAE J517 | (2017) Hydraulic Hose |
| SAE J518-1 | (2013) Hydraulic Flanged Tube, Pipe, and Hose Connections, 4-Screw Flange Connection Part 1: 3.5 MPa to 35 MPa (Code 61) |
| SAE J534 | (2015) Lubrication Fittings |
| SAE J537 | (2016) Storage Batteries |
| SAE J636 | (2019) V-Belts and Pulleys |
| SAE J995 | (2017) Mechanical and Material Requirements for Steel Nuts |
| SAE J1165 | (1979; R 1986) Reporting Cleanliness Levels of Hydraulic Fluids |
| SAE J1405 | (2012) Optional Test Procedures for Hydraulic Hose Assemblies |
| SAE J1508 | (2009) Hose Clamp Specifications |
| SAE J1545 | (2005; R 2014) Instrumental Color Difference Measurement for Exterior Finishes, Textiles and Colored Trim |
| SAE J1677 | (2016) Tests and Procedures for Carbon Steel and High Strength Low Alloy Steel Tubing |
| SAE J1995 | (2014) Engine Power Test Code - Spark Ignition and Compression Ignition - Gross Power Rating |

SOCIETY OF CABLE TELECOMMUNICATIONS ENGINEERS (SCTE)

| | |
|--------------|--|
| ANSI/SCTE 77 | (2013) Specification for Underground Enclosure Integrity |
|--------------|--|

SOLAR RATING AND CERTIFICATION CORPORATION (SRCC)

| | |
|-------------|---|
| SRCC CRIS | (ongoing online) Certification Ratings Information Service (CRIS) |
| SRCC OG-100 | (2015) Solar Thermal Collector Certification Program |
| SRCC OG-300 | (2015) Solar Thermal System Certification Program |

SRCC STD 300 (2015) Solar Thermal System Standard

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD)

SCAQMD Rule 1113 (2016) Architectural Coatings

SCAQMD Rule 1168 (2017) Adhesive and Sealant Applications

SOUTHERN CYPRESS MANUFACTURERS ASSOCIATION (SCMA)

SCMA Spec (1986; Supple. No. 1, Aug 1993) Standard Specifications for Grades of Southern Cypress

SOUTHERN PINE INSPECTION BUREAU (SPIB)

SPIB 1003 (2014) Standard Grading Rules for Southern Pine Lumber

SPRAY POLYURETHANE FOAM ALLIANCE (SPFA)

SPFA AY-104 (1994; R 2008) Spray Polyurethane Foam Systems for New and Remedial Roofing

SPFA TechDocs (2015) SPFA Technical Documents Library, four categories: General, Insulation, Roofing, Specialty

STATE OF CALIFORNIA DEPARTMENT OF CONSUMER AFFAIRS, BUREAU OF ELECTRICAL AND APPLIANCE REPAIR, HOME FURNISHINGS AND THERMAL INSULATION (BEARHFTI)

TB 117-2013 (2013) Requirements, Test Procedure and Apparatus for Testing the Smolder Resistance of Materials Used in Upholstered Furniture

TB 133 (1991) Flammability Test Procedure for Seating Furniture in Public Occupancies

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS)

CTM 526 (2012) Method of Test for Operation of California Profilograph and Evaluation of Profiles

STATE OF MARYLAND CODE OF MARYLAND REGULATIONS (COMAR)

COMAR 26.13 Chapters .01- .13, Disposal of Controlled Hazardous Substances

STATE OF VIRGINIA ADMINISTRATIVE CODE (VAC)

9 VAC 20-60 Title 9, Agency 20, Chapter 60: Virginia Hazardous Waste Management Regulations

9 VAC 20-80 Title 9, Agency 20, Chapter 80: Solid Waste Management Regulations

9 VAC 25-840 Title 9, Agency 25, Chapter 840: Erosion And Sediment Control Regulations

- 9 VAC 25-850 Title 9, Agency 25, Chapter 850: Erosion And Sediment Control And Stormwater Management Certification Regulations
- 9 VAC 25-870 Title 9, Agency 25, Chapter 870: Virginia Stormwater Management Program (VSMP) Regulation

STEEL DECK INSTITUTE (SDI)

- ANSI/SDI C (2017) Standard for Composite Steel Floor Deck - Slabs
- ANSI/SDI NC (2017) Standard for Non-Composite Steel Floor Deck
- ANSI/SDI QA/QC (2017) Standard for Quality Control and Quality Assurance for Installation of Steel Deck
- ANSI/SDI RD (2017) Standard for Steel Roof Deck
- SDI DDM04 (2015; Errata 1-3 2016; Add 1 2015; Add 2 20162006) Diaphragm Design Manual; 4th Edition
- SDI DDP (1987; R 2000) Deck Damage and Penetrations
- SDI MOC3 (2016) Manual of Construction with Steel Deck (3rd Edition)

STEEL DOOR INSTITUTE (SDI/DOOR)

- SDI/DOOR 111 (2009) Recommended Selection and Usage Guide for Standard Steel Doors, Frames and Accessories
- SDI/DOOR 113 (2001; R2006) Standard Practice for Determining the Steady State Thermal Transmittance of Steel Door and Frame Assemblies
- SDI/DOOR A250.3 (2007; R 2011) Test Procedure and Acceptance Criteria for Factory Applied Finish Painted Steel Surfaces for Steel Doors and Frames
- SDI/DOOR A250.4 (2011) Test Procedure and Acceptance Criteria for Physical Endurance for Steel Doors and Hardware Reinforcing
- SDI/DOOR A250.6 (2003; R2009) Recommended Practice for Hardware Reinforcing on Standard Steel Doors and Frames
- SDI/DOOR A250.8 (2003; R2008) Recommended Specifications for Standard Steel Doors and Frames
- SDI/DOOR A250.11 (2001) Recommended Erection Instructions for Steel Frames

STEEL JOIST INSTITUTE (SJI)

- SJI COMPOSITE JOISTS (2007; Supplement 1 2010) Standard Specifications for Composite Steel Joist Catalog

SJI LOAD TABLES (2010; Errata 1 2011; Errata 2 2012) 42nd Edition
Catalog of Standard Specifications Load Tables and
Weight Tables for Steel Joists and Joist Girders

SJI MANUAL (2009) 80 Years of Open Web Steel Joist Construction

STEEL TANK INSTITUTE (STI)

STI 010-50-1000 (2011) Specification and Manual for External
Corrosion Protection of Underground Steel Storage
Tanks

STI 020-50-1000 (2010) ACT-100 Specification for External Corrosion
Protection of FRP Composite Steel USTs

STI 700-50-5007 (2010) Installation Instructions for Shop
Fabricated Aboveground Tanks for Flammable,
Combustible Liquids

STI F911 (1998; Reissued 2009) Standard for Diked
Aboveground Storage Tanks

STI P3 (2011) Specification and Manual for External
Corrosion Protection of Underground Steel Storage
Tanks

STI SP001 (2018, 6th Ed) SP001 Standard for The Inspection of
Aboveground Storage Tanks

STI SP131 (2014) SP131 Standard for Inspection & Repair
Underground Steel Tanks

STEEL WINDOW INSTITUTE (SWI)

SWI AGSW (2002) Architect's Guide to Steel Windows

SWI SWS (2005) Steel Window Specifications

SUSTAINABLE FOREST INITIATIVE (SFI)

SFI 2015-2019 (2015) Standards, Rules for Label Use, Procedures
and Guidance

TECHNICAL ASSOCIATION OF THE PULP AND PAPER INDUSTRY (TAPPI)

TAPPI T403 OM (2015) Bursting Strength of Paper

TAPPI T404 CM (1992) Tensile Breaking Strength and Elongation of
Paper and Paperboard (Using Pendulum-Type Tester)

TAPPI T410 OM (2013) Grammage of Paper and Paperboard (Weight Per
Unit Area)

TAPPI T456 OM (2010) Tensile Breaking Strength of Water-Saturated
Paper and Paperboard ("Wet Tensile Strength")

TAPPI T487 PM (1999) Fungus Resistance of Paper and Paperboard

| | |
|---|---|
| TAPPI T803 OM | (2010) Puncture Test of Container Board |
| TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) | |
| EIA/TIA 455-165A | (1993) Standard for Mode-Field Diameter Measurement by Near-Field Scanning Technique |
| TIA-222 | (2005G; Add 1 2007; Add 2 2009; Add 3 2014; Add 4 2014; R 2014; R 2016) Structural Standards for Steel Antenna Towers and Antenna Supporting Structures |
| TIA-232 | (1997f; R 2012) Interface Between Data Terminal Equipment and Data Circuit-Terminating Equipment Employing Serial Binary Data Interchange |
| TIA-455-13 | (1996a; R 2012) FOTP-13 Visual and Mechanical Inspection of Fiber Optic Components, Devices, and Assemblies |
| TIA-455-21 | (1988a; R 2012) FOTP-21 - Mating Durability of Fiber Optic Interconnecting Devices |
| TIA-455-33 | (2005b; R 2013) Optical Cable Tensile Loading and Bending Test |
| TIA-455-46A | (1990) FOTP-46 Spectral Attenuation Measurement for Long-Length, Graded-Index Optical Fibers |
| TIA-455-58 | (2001b) FOTP-58 Core Diameter Measurement of Graded-Index Optical Fibers |
| TIA-455-78-B | (2002) FOTP-78 Optical Fibres - Part 1-40: Measurement Methods and Test Procedures - Attenuation |
| TIA-455-82 | (1992b) FOTP-82 Fluid Penetration Test for Fluid-Blocked Fiber Optic Cable |
| TIA-455-91 | (1986; R 1996) FOTP-91 Fiber Optic Cable Twist-Bend Test |
| TIA-455-104 | (2016b) Standard for FOTP-104 Fiber Optic Cable Cyclic Flexing Test |
| TIA-455-107 | (1999a) FOTP-107 Determination of Component Reflectance or Link/System Return Loss using a Loss Test Set |
| TIA-455-175 | (2003b) FOTP-175 IEC-60793-1-42: Measurement Methods and Test Procedures - Chromatic Dispersion |
| TIA-455-177 | (2003b) FOTP-177 IEC-60793-1-43: Measurement Methods and Test Procedures - Numerical Aperture |
| TIA-472D000 | (2007b) Fiber Optic Communications Cable for Outside Plant Use |

| | |
|-------------|---|
| TIA-485 | (1998a; R 2012) Electrical Characteristics of Generators and Receivers for Use in Balanced Digital Multipoint Systems |
| TIA-492AAAA | (2009b) 62.5-um Core Diameter/125-um Cladding Diameter Class 1a Graded-Index Multimode Optical Fibers |
| TIA-492AAAB | (2009a) 50-Um Core Diameter/125-Um Cladding Diameter Class IA Graded-Index Multimode Optical Fibers |
| TIA-492CAAA | (1998; R 2002) Detail Specification for Class IVa Dispersion-Unshifted Single-Mode Optical Fibers |
| TIA-492E000 | (1996; R 2002) Sectional Specification for Class IVd Nonzero-Dispersion Single-Mode Optical Fibers for the 1550 nm Window |
| TIA-526-7 | (2015a) OFSTP-7 Measurement of Optical Power Loss of Installed Single-Mode Fiber Cable Plant |
| TIA-526-14 | (2015c) OFSTP-14A Optical Power Loss Measurements of Installed Multimode Fiber Cable Plant |
| TIA-568-C.0 | (2009; Add 1 2010; Add 2 2012) Generic Telecommunications Cabling for Customer Premises |
| TIA-568-C.1 | (2009; Add 2 2011; Add 1 2012) Commercial Building Telecommunications Cabling Standard |
| TIA-568-C.2 | (2009; Errata 2010; Add 2 2014; Add 1 2016) Balanced Twisted-Pair Telecommunications Cabling and Components Standards |
| TIA-568-C.3 | (2008; Add 1 2011) Optical Fiber Cabling Components Standard |
| TIA-569 | (2015d) Commercial Building Standard for Telecommunications Pathways and Spaces |
| TIA-570 | (2012c) Residential Telecommunications Infrastructure Standard |
| TIA-590 | (1997a) Standard for Physical Location and Protection of Below Ground Fiber Optic Cable Plant |
| TIA-606 | (2017c) Administration Standard for the Telecommunications Infrastructure |
| TIA-607 | (2015c; Addendum 1 2017) Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises |
| TIA-758 | (2012b) Customer-Owned Outside Plant Telecommunications Infrastructure Standard |

| | |
|-------------------|---|
| TIA-1019 | (2012; R 2016) Standard for Installation, Alteration and Maintenance of Antenna Supporting Structures and Antennas |
| TIA-1152 | (2009) Requirements for Field Test Instruments and Measurements for Balanced Twisted-Pair Cabling |
| TIA/EIA-455 | (1998b) Standard Test Procedure for Fiber Optic Fibers, Cables, Transducers, Sensors, Connecting and Terminating Devices, and Other Fiber Optic Components |
| TIA/EIA-455-25 | (2016d) FOTP-25 Impact Testing of Optical Fiber Cables |
| TIA/EIA-455-41 | (1993a; R 2013) FOTP-41 Compressive Loading Resistance of Fiber Optic Cables |
| TIA/EIA-455-81 | (2000b) FOTP-81 Compound Flow (Drip) Test for Filled Fiber Optic Cable |
| TIA/EIA-455-88 | (2001) FOTP-88 Fiber Optic Cable Bend Test |
| TIA/EIA-455-171 | (2001a) FOTP-171 - Attenuation by Substitution Measurement for Short-Length Multimode Graded-Index and Single-Mode Optical Fiber Cable Assemblies |
| TIA/EIA-455-204 | (2000) Standard for Measurement of Bandwidth on Multimode Fiber |
| TIA/EIA-472DAAA | (1993) Detail Specification for All Dielectric Fiber Optic Communications Cable for Outside Plant Use Containing Class 1a 62.5 Um Core Diameter/125 um Cladding Diameter/250 um Coating Diameter Fiber(s) . |
| TIA/EIA-598 | (2014D; Add 2 2018) Optical Fiber Cable Color Coding |
| TIA/EIA-604-2 | (2004b; R 2014) FOCIS 2 Fiber Optic Connector Intermateability Standard |
| TIA/EIA-604-3 | (2004b; R 2014) Fiber Optic Connector Intermateability Standard (FOCIS), Type SC and SC-APC, FOCIS-3 |
| TIA/EIA-604-10 | (2002a) FOCIS 10 Fiber Optic Connector Intermateability Standard - Type LC |
| TIA/EIA-604-12 | (2000) FOCIS 12 Fiber Optic Connector Intermateability Standard Type MT-RJ |
| TIA/EIA-4750000-C | (1996) Generic Specifications for Fiber Optic Connectors (ANSI) |

THE MASONRY SOCIETY (TMS)

| | |
|----------|--|
| TMS MSJC | (2016) Masonry Standard Joint Committee's (MSJC) |
|----------|--|

Book - Building Code Requirements and Specification
for Masonry Structures, Containing TMS 402/ACI
530/ASCE 5, TMS 602/ACI 530.1/ASCE 6, and Companion
Commentaries

TILE COUNCIL OF NORTH AMERICA (TCNA)

TCNA Hdbk (2017) Handbook for Ceramic, Glass, and Stone Tile
Installation

TREE CARE INDUSTRY ASSOCIATION (TCIA)

TCIA A300P1 (2017) ANSI A300 Part1: Tree Care Operations -
Trees, Shrubs and Other Woody Plant Maintenance
Standard Practices - Pruning

TCIA Z133 (2017) American National Standard for
Arboricultural Operations - Pruning, Repairing,
Maintaining, and Removing Trees, and Cutting Brush
- Safety Requirements

TRIDIUM, INC (TRIDIUM)

Niagara Framework (2012) NiagaraAX User's Guide

Tridium Open NiCS (2005) Understanding the NiagaraAX Compatibility
Statement (NiCS)

TRUSS PLATE INSTITUTE (TPI)

TPI 1 (2014) National Design Standard for Metal Plate
Connected Wood Truss Construction, Including
Commentary and Appendices

TPI HIB (1991) Commentary and Recommendations for Handling,
Installing and Bracing Metal Plate Connected Wood
Trusses

TUBULAR EXCHANGER MANUFACTURERS ASSOCIATION (TEMA)

TEMA Stds (2007) Standards of the Tubular Exchange
Manufacturers Association (TEMA)

TURFGRASS PRODUCERS INTERNATIONAL (TPI)

TPI GSS (1995) Guideline Specifications to Turfgrass Sodding

U.S. AIR FORCE (USAF)

AF ETL 11-1 (2011) Civil Engineer Industrial Control System
Information Assurance Compliance

AF ETL 97-5 (1997) Proportioning Concrete Mixtures with Graded
Aggregates for Rigid Airfield Pavements

AFI 32-1065 (2017) Grounding Systems

| | |
|--------------------------------------|---|
| AFI 91-202 | (1998; Change 2010) US Air Force Mishap Prevention Program |
| AFMAN 91-118 | (2010) Safety Design and Evaluation Criteria for Nuclear Weapon Systems |
| U.S. ARMY (DA) | |
| DA AR 25-2 | (2007; RAR 2009) Information Assurance |
| DA PAM 385-64 | (2011) Ammunition and Explosives Safety Standards |
| U.S. ARMY CORPS OF ENGINEERS (USACE) | |
| CED TR GL-85-3 | (1985) Geotechnical Descriptions of Rock and Rock Masses |
| CERL Tech Rep FM-95/05 | (1994) Field Evaluation of Cathodic Protection Systems Using Ceramic-Coated Anodes for Lock and Dam Gates |
| COE CRD-C 39 | (1981) Test Method for Coefficient of Linear Thermal Expansion of Concrete |
| COE CRD-C 53 | (2001) Test Method for Consistency of No-Slump Concrete Using the Modified Vebe Apparatus |
| COE CRD-C 55 | (1992) Test Method for Within-Batch Uniformity of Freshly Mixed Concrete |
| COE CRD-C 61 | (1989A) Test Method for Determining the Resistance of Freshly Mixed Concrete to Washing Out in Water |
| COE CRD-C 94 | (1995) Corps of Engineers Specification for Surface Retarders |
| COE CRD-C 100 | (1975) Method of Sampling Concrete Aggregate and Aggregate Sources, and Selection of Material for Testing |
| COE CRD-C 104 | (1980) Method of Calculation of the Fineness Modulus of Aggregate |
| COE CRD-C 112 | (1969) Method of Test for Surface Moisture in Aggregate by Water Displacement |
| COE CRD-C 114 | (1997) Test Method for Soundness of Aggregates by Freezing and Thawing of Concrete Specimens |
| COE CRD-C 130 | (2001) Standard Recommended Practice for Estimating Scratch Hardness of Coarse Aggregate Particles |
| COE CRD-C 143 | (1962) Specifications for Meters for Automatic Indication of Moisture in Fine Aggregate |
| COE CRD-C 144 | (1992) Standard Test Method for Resistance of Rock to Freezing and Thawing |

| | |
|----------------|--|
| COE CRD-C 148 | (1969) Method of Testing Stone for Expansive Breakdown on Soaking in Ethylene Glycol |
| COE CRD-C 171 | (1995) Standard Test Method for Determining Percentage of Crushed Particles in Aggregate |
| COE CRD-C 300 | (1990) Specifications for Membrane-Forming Compounds for Curing Concrete |
| COE CRD-C 400 | (1963) Requirements for Water for Use in Mixing or Curing Concrete |
| COE CRD-C 513 | (1974) Corps of Engineers Specifications for Rubber Waterstops |
| COE CRD-C 521 | (1981) Standard Test Method for Frequency and Amplitude of Vibrators for Concrete |
| COE CRD-C 525 | (1989) Corps of Engineers Test Method for Evaluation of Hot-Applied Joint Sealants for Bubbling Due to Heating |
| COE CRD-C 548 | (1988) Standard Specification for Jet-Fuel and Heat-Resistant Preformed Polychloroprene Elastomeric Joint Seals for Rigid Pavements |
| COE CRD-C 572 | (1974) Corps of Engineers Specifications for Polyvinylchloride Waterstops |
| COE CRD-C 662 | (2009) Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials, Lithium Nitrate Admixture and Aggregate (Accelerated Mortar-Bar Method) |
| EM 200-1-1 | (1994) Environmental Quality -- Validation of Analytical Chemistry Laboratories |
| EM 200-1-6 | (1997) Environmental Quality -- Chemical Quality Assurance for HTRW Projects |
| EM 200-1-7 | (2001) Environmental Quality - Performance Evaluation (PE) Program |
| EM 385-1-1 | (2014) Safety and Health Requirements Manual |
| EM 385-1-97 | (2013) Explosives - Safety and Health Requirements Manual |
| EM 1110-1-1906 | (1996) Engineering and Design -- Soil Sampling |
| EM 1110-1-2909 | (2012) Geospatial Data and Systems |
| EM 1110-1-3500 | (1995) Engineering and Design -- Chemical Grouting |
| EM 1110-1-4006 | (1998) Engineering and Design -- Removal of Underground Storage Tanks (USTs) |

| | |
|----------------|---|
| EM 1110-2-1424 | (2016) Engineering and Design -- Lubricants and Hydraulic Fluids |
| EM 1110-2-1601 | (1991; 1994 Change 1) Engineering and Design -- Hydraulic Design of Flood Control Channels |
| EM 1110-2-1906 | (1986) Laboratory Soils Testing |
| EM 1110-2-1913 | (2000) Engineering and Design; Design and Construction of Levees |
| EM 1110-2-2610 | (2013) Mechanical and Electrical Design for Lock and Dam Operating Equipment |
| EM 1110-2-2704 | (2004) Engineering and Design -- Cathodic Protection Systems for Civil Works Structures |
| EM 1110-2-2901 | (1997) Engineering and Design -- Tunnels and Shafts in Rock |
| EM 1110-2-3105 | (1999; Change 2) Mechanical and Electrical Design of Pumping Stations |
| EM 1110-2-3506 | (2017) Grouting Technology |
| EP 310-1-6a | (2006) Sign Standards Manual, VOL 1 |
| EP 310-1-6b | (2006) Sign Standards Manual, VOL 2, Appendices |
| EP 415-1-266 | (2000) Resident Engineer Management Guide (REMG) for Hazardous, Toxic, and Radioactive Waste (HTRW) Projects |
| EP 1110-1-8 | (2016) Construction Equipment Ownership and Operating Expense Schedule |
| EP 1110-1-19 | (2001) A Guide to Preparing and Reviewing Remedial Action Reports of Cost and Performance |
| ER 1-1-11 | (1995) Administration -- Progress, Schedules, and Network Analysis Systems |
| ER 25-345-1 | (1991) Systems Operation and Maintenance Documentation |
| ER 385-1-92 | (2007) Safety and Occupational Health Requirements for Hazardous, Toxic, and Radioactive Waste (HTRW) Activities |
| ER 385-1-95 | (2007; Errata 2007) Safety -- Safety and Health Requirements for Munitions and Explosives of Concern (MEC) Operations |
| ER 1110-1-12 | (2006; Change 1) Engineering and Design -- Quality Management |
| ER 1110-1-8167 | (2016) Petroleum, Oil, And Lubricants Mandatory |

Center Of Expertise

ER 1110-3-1301 (1999) Engineering and Design -- Cost Engineering Policy Requirements for Hazardous, Toxic Radioactive Waste (HTRW) Cost Engineering

ERDC/ITL TR-12-1 (2015) A/E/C Graphics Standard, Release 2.0

ERDC/ITL TR-12-6 (2015) A/E/C CAD Standard - Release 6.0

PWTB 420-49-5 (1998) Industrial Water Treatment Procedures

TR-EL-97-8 (1997) Bioengineering for Streambank Erosion Control; Report 1, Guidelines

U.S. ARMY ENVIRONMENTAL COMMAND (USAEC)

USAEC CETHA-TS-CR-93043 (1993) Windrow Composting Demonstration for Explosives-Contaminated Soils at the Umatilla Depot Activity (NTIS PB95-200119)

USAEC SFIM-AEC-ET-CR-961 (1996) Cost Report: Windrow Composting to Treat Explosives-Contaminated Soils at Umatilla Army Depot Activity (UMDA) (NTIS AD-A318001)

U.S. Code (USC)

8 USC 1101 Definitions

10 USC 6011 Navy Regulations

U.S. DEFENSE INTELLIGENCE AGENCY (DIA)

DIA DCID 6/9 (2002) Physical Security Standards for Sensitive Compartmented Information Facilities

U.S. DEFENSE LOGISTICS AGENCY (DLA)

DLA 4145.25 (Jun 2000; Reaffirmed Oct 2010) Storage and Handling of Liquefied and Gaseous Compressed Gases and Their Full and Empty Cylinders
<http://www.aviation.dla.mil/UserWeb/aviationengineering/HazInfo/>

DLA J4 Handbook (Part IV) Federal Supply Class Assignments (Numeric and Alphabetic Listing) (<http://www.dla.mil/>)

DLA Lock DOD Lock Program; <http://www.dscp.dla.mil/gi/locks/>

U.S. DEPARTMENT OF AGRICULTURE (USDA)

AMS Seed Act (1940; R 1988; R 1998) Federal Seed Act

DOA SSIR 42 (1996) Soil Survey Investigation Report No. 42, Soil Survey Laboratory Methods Manual, Version 3.0

FSRIA 9002 Farm Security and Rural Investment Act Section 9002 (USDA BiopREFERRED Program)

| | |
|--------------------|---|
| REA Bull 1753F-205 | (1993) Filled Telephone Cables (PE-39) |
| RUS 202-1 | (2004) List of Materials Acceptable for Use on Systems of RUS Electrification Borrowers |
| RUS 1755 | Telecommunications Standards and Specifications for Materials, Equipment and Construction |
| RUS Bull 345-50 | (1979) Trunk Carrier Systems (PE-60) |
| RUS Bull 345-65 | (1985) Shield Bonding Connectors (PE-65) |
| RUS Bull 345-67 | (1998) REA Specification for Filled Telephone Cables, PE-39 |
| RUS Bull 345-72 | (1985) Filled Splice Closures (PE-74) |
| RUS Bull 345-83 | (1979; Rev Oct 1982) Gas Tube Surge Arrestors (PE-80) |
| RUS Bull 1728F-700 | (2011) Specification for Wood Poles, Stubs, and Anchor Logs |
| RUS Bull 1728H-701 | (1993) Wood Crossarms (Solid and Laminated), Transmission Timbers and Pole Keys |
| RUS Bull 1751F-630 | (1996) Design of Aerial Plant |
| RUS Bull 1751F-640 | (1995) Design of Buried Plant, Physical Considerations |
| RUS Bull 1751F-643 | (2002) Underground Plant Design |
| RUS Bull 1751F-644 | (2002) Underground Plant Construction |
| RUS Bull 1751F-815 | (1979) Electrical Protection of Outside Plant |
| RUS Bull 1753F-201 | (1997) Acceptance Tests of Telecommunications Plant (PC-4) |
| RUS Bull 1753F-401 | (1995) Splicing Copper and Fiber Optic Cables (PC-2) |
| RUS Bull 1753F-601 | (1994) Specifications for Filled Fiber Optic Cables (PE-90) |

U.S. DEPARTMENT OF COMMERCE (DOC)

| | |
|---------------|--|
| DOC/NIST PS1 | (1995) Structural Plywood |
| DOC/NIST PS20 | American Softwood Lumber Standard |
| DOC/NIST PS51 | (1971) Hardwood and Decorative Plywood |
| DOC/NIST PS56 | (1973) Structural Glued Laminated Timber |
| DOC/NIST PS58 | (1973) Basic Hardboard (ANSI A135.4) |

U.S. DEPARTMENT OF DEFENSE (DOD)

| | |
|-----------------|--|
| DOD 4000.25-1-M | (2006) MILSTRIP - Military Standard Requisitioning and Issue Procedures |
| DOD 4715.05-G | (2007) Overseas Environmental Baseline Guidance Document |
| DOD 5100.76-M | (2012; Change 1-2018) Physical Security of Sensitive Conventional Arms, Ammunition, and Explosives |
| DOD 5220.22-M | (2006; Change 1-2013; Change 2-2016) National Industrial Security Program Operating Manual (NISPOM) |
| DOD 6055.09-M | (2010; Change 1-2012) DoD Ammunition and Explosives Safety Standards: General Explosives Safety Information and Requirements |
| DOD 8500.01 | (2014; Change 1-2019) Cybersecurity |
| DOD 8510.01 | (2014; Change 1-2016; Change 2-2017) Risk Management Framework (RMF) for DoD Information Technology (IT) |
| DOD-G-24508 | (1977; Rev A; Am 4 1998) Grease, High Performance, Multipurpose (Metric) |
| DODI 4150.07 | (2008; Change 1-2017; Change 2-2018) DOD Pest Management Program |
| DODI 8500.01 | (2014) Cybersecurity |
| DODI 8551.01 | (2014) Ports, Protocols, and Services Management (PPSM) |
| DTM 08-060 | (2008) Policy on Use of Department of Defense (DoD) Information Systems - Standard Consent Banner and User Agreement |
| FC 1-300-09N | (2014; with Change 4, 2018) Navy and Marine Corps Design |
| MIL-A-3316 | (1987; Rev C; Am 2 1990) Adhesives, Fire-Resistant, Thermal Insulation |
| MIL-A-8625 | (1993; Rev F; Am 1 2003) Anodic Coatings, for Aluminum and Aluminum Alloys |
| MIL-A-22262 | (1993; Rev B; Am 2 1996) Abrasive Blasting Media Ship Hull Blast Cleaning |
| MIL-A-24179 | (1969; Rev A; Am 2 1980; Notice 1 1987) Adhesive, Flexible Unicellular-Plastic Thermal Insulation |
| MIL-A-25896 | (1983; Rev E; Notice 1 1989; Notice 3 2003) |

| | |
|---------------|--|
| | Adapter, Pressure Fuel Servicing, Nominal 2.5 inch diameter |
| MIL-B-18897 | (Rev F; CANC Notice 1) Boilers, Steam and Hot Water, Watertube (Straight Bare and Finned Tube), Cast Iron and Firebox, Packaged Type (40,000 to 35,000,000 BTU/HR Thermal Output Capacity) |
| MIL-C-882 | (1989; Rev E) Cloth, Duck, Cotton or Cotton-Polyester Blend, Synthetic Rubber, Impregnated, and Laminated, Oil Resistant |
| MIL-C-15726 | (1988; Rev F; Am 1 1991) Copper-Nickel Alloy, Sheet, Plate, Strip, Bar, Rod, and Wire |
| MIL-C-18480 | (1982; Rev B; Notice 2 2009) Coating Compound, Bituminous, Solvent, Coal-Tar Base |
| MIL-C-24368/1 | (1987; Rev B) Connector Assemblies; Plug, Power Transfer, Shore to Ship and Ship to Ship, 500 Volts, 500 Amperes, 60 Hertz, Symbol Number 1160 |
| MIL-C-24368/2 | (1987; Rev B) Connector Assemblies; Receptacle, and Receptacle-Cabled, Power Transfer, Shore to Ship and Ship to Ship, 500 Volts, 500 Amperes, 60 Hertz, Symbol Number 1161 |
| MIL-C-83260 | (1972; Rev A; Notice 1 1996) Coupler, Hydrant Valve GRU-16/e |
| MIL-D-16791 | (1990; Rev G, Am 1 1993) Detergents, General Purpose (Liquid, Non-Ionic) |
| MIL-DTL-5541 | (2006; Rev F) Chemical Conversion Coatings on Aluminum and Aluminum Alloys |
| MIL-DTL-5624 | (2016; Rev W) Turbine Fuel, Aviation, Grades JP-4 and JP-5 |
| MIL-DTL-12276 | (2006; Rev E; Notice 1 2011; Notice 2 2016) Varnish, Phenolic, Baking |
| MIL-DTL-15021 | (2014; Rev B) Hook, Snap Bolt, Swivel-Eye, and Rings |
| MIL-DTL-15024 | (2018; Rev G) Plates and Tags for Identification of Equipment, General Specification for |
| MIL-DTL-16884 | (2017; Rev P) Fuel, Naval Distillate |
| MIL-DTL-17813 | (2009; Rev H; Supp 1 2009; Notice 1 2013) Expansion Joints, Pipe, Metallic Bellows, General Specification for |
| MIL-DTL-18436 | (2017; Rev G) Valves, Check, Bronze, Cast Iron, and Steel Body |
| MIL-DTL-24441 | (2009; Rev D) Paint, Epoxy-Polyamide, General |

Specification for

| | |
|------------------|---|
| MIL-DTL-24441/19 | (2009; Rev C) Paint, Epoxy-Polyamide, Zinc Primer, Formula 159, Type III |
| MIL-DTL-24441/20 | (2009; Rev B) Paint, Epoxy-Polyamide, Green Primer, Formula 150, Type III |
| MIL-DTL-24441/22 | (2009; Rev B) Paint, Epoxy-Polyamide, White Formula 152, Type III |
| MIL-DTL-24441/29 | (2009; Rev B) Paint, Epoxy-Polyamide, Green Primer, Formula 150, Type IV |
| MIL-DTL-24441/31 | (2009; Rev B) Paint, Epoxy-Polyamide, White, Formula 152, Type IV |
| MIL-DTL-24643/3 | (2009; Rev E) Cable, Electrical, -20 Degrees C to +90 Degrees, 600 Volts, Types LSSHOF, LSDHOF, LSTHOF, and LSFHOF |
| MIL-DTL-24788 | (2017; Rev B) Coupling Assembly, Semi-Dry-Break, Quick-Disconnect Fuel With or Without Continuity Switch |
| MIL-DTL-29181 | (2014; Rev C; Notice 3) Hasp, High Security, Shrouded for High and Medium Security Padlock |
| MIL-DTL-29229 | (Rev B, Notice 1) Switches and Frogs, Track, Fabricated, for Portal Cranes |
| MIL-DTL-32101 | (2017; Rev B - Controlled Distribution Document) Carbon, Activated, Impregnated, Copper-Silver-Zinc-Molybdenum-Triethylenediamine (ASZM-TEDA) |
| MIL-DTL-38219 | (1998; Rev D; Notice 1 2016) Turbine Fuel, Low Volatility, JP-7 |
| MIL-DTL-43607 | (2015; Rev J; Notice 1) Padlock, Key Operated, High Security, Shrouded Shackle |
| MIL-DTL-82020 | (1997; Rev C; Notice 1; CANC Notice 2) Switches and Frogs, Track, Cast Manganese Steel, for Portal Cranes |
| MIL-DTL-83133 | (2015; Rev J) Turbine Fuels, Aviation, Kerosene Type, JP-8 (NATO F-34), NATO F-35 and JP-8 + 100 (NATO F-37) |
| MIL-DTL-83413 | (2012; Rev C; AMD 1 2017) Connectors and Assemblies, Electrical, Aircraft Grounding, General Specification for |
| MIL-DTL-83413/4 | (2018; Rev E; AMD 1 2018) Connectors and Assemblies, Electrical, Aircraft Grounding: Plugs, for Types I and II Grounding Assemblies |

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| MIL-DTL-83413/7 | (2018; Rev F; AMD 1 2018) Connectors and Assemblies, Electrical, Aircraft Grounding: Clamp Connector for Types I and III Grounding Assemblies, Clip, Electrical |
| MIL-E-17814 | (1992; Rev F; CANC Notice 1) Expansion Joints, Pipe, Slip-Type, Packed |
| MIL-F-18280 | (1995; Rev F; Supp 1; CANC Notice 1) Fittings, Flareless Tube, Fluid Connection |
| MIL-HDBK 232 | (1987; Rev A; Notice 1 1988; Notice 2 2000; Notice 3 2014) Red/Black Engineering - Installation Guidelines |
| MIL-HDBK-419 | (1987; Rev A) Grounding, Bonding, and Shielding for Electronic Equipments and Facilities Volumes 1 of 2 Basic Theory |
| MIL-HDBK-831 | (2013; Rev A; Notice 1 2018) Preparation of Test Reports |
| MIL-I-631 | (1961; Rev D; Am 6 1987) Insulation, Electrical, Synthetic-Resin Composition, Nonrigid |
| MIL-I-1361 | (1985; Rev C; Notice 1 1991) Instrument Auxiliaries, Electrical Measuring: Shunts, Resistors and Transformers |
| MIL-I-24092 | (1993; Rev D; Supp 1993) Insulating Varnishes and Solventless Resins for Applications by the Dip Process |
| MIL-I-24768/14 | (1992) Insulation, Plastic, Laminated, Thermosetting, Cotton-Fabric-Base, Phenolic-Resin (FBG) |
| MIL-L-26764 | (2018; Rev C) Light, Marker, Airport Approach, High Intensity, Type MB-2 |
| MIL-L-29575 | (1989) Light, Wave-Off, Flashing, Capacitance-Discharge |
| MIL-P-21035 | (1991; Rev B; Notice 2 2003) Paint, High Zinc Dust Content, Galvanizing Repair (Metric) |
| MIL-P-52327C | (1990) Military Specification Pumps, Centrifugal, Electric-Motor-driven, Positive Prime, Petroleum Products, Airfield Defueling and Receiving |
| MIL-PRF-680 | (2010; Rev C; Notice 1 2015) Degreasing Solvent |
| MIL-PRF-907 | (2018; Rev G; AMD 1 2018) Antiseize Thread Compound, High Temperature |
| MIL-PRF-4556 | (1998; Rev F; Am 1 1999; CANC Notice 1 2011) Coating Kit, Epoxy, for Interior of Steel Fuel Tanks |

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| MIL-PRF-13789 | (1999; Rev E; Notice 1 2008; Notice 2 1016) Strainers, Sediment: Pipeline, Basket Type |
| MIL-PRF-15733 | (2010; Rev J, Supp 1 2010; Notice 1 2015) Filters and Capacitors, Radio Frequency Interference, General Specification for |
| MIL-PRF-16173E | (1993; INT 1 2006; INT 2 2017) Corrosion Preventive Compound, Solvent Cutback, Cold-Application |
| MIL-PRF-17331 | (2019; Rev L) Lubricating Oil, Steam Turbine and Gear, Moderate Service |
| MIL-PRF-19565 | (1988; Rev C) Coating Compounds, Thermal Insulation, Fire- and Water-Resistant, Vapor-Barrier |
| MIL-PRF-22750 | (2014; Rev G; Notice 1 2019) Coating, Epoxy, High Solids |
| MIL-PRF-23236 | (2009; Rev D) Coating Systems for Ship Structures |
| MIL-PRF-23377 | (2012; Rev K) Primer Coatings: Epoxy, High Solids |
| MIL-PRF-24021 | (1998; Rev K; Notice 1 2014) Electric Power Monitors, External Aircraft |
| MIL-PRF-24385 | (1992; Rev F; Am 1 1994; Am2 2017) Fire Extinguishing Agent, Aqueous Film Forming Foam (AFFF) Liquid Concentrate, for Fresh and Seawater |
| MIL-PRF-25567 | (1998; Rev E; Notice 1 2005; Notice 2 2010; Notice 3 2015) Leak Detection Compound, Oxygen Systems (Metric) |
| MIL-PRF-32016 | (2002; Rev A) Cell, Gas Phase, Adsorber |
| MIL-PRF-85285 | (2012; Rev E; Notice 1 2016) Coating: Polyurethane Aircraft and Support Equipment |
| MIL-R-24243 | (1994; Rev E, Notice 1 2001; Notice 2 2006) Rivets, Blind, Nonstructural, Retained Mandrel, Open End, Domed Head, Aluminum Alloy, Carbon Steel, Corrosion Resistant Steel |
| MIL-R-43900 | (1985; Rev B; Notice 1; CANC Notice 2) Refrigerators, Freezers, Prefabricated, Mechanical, Commercial, Walk-In |
| MIL-STD-101 | (2014; Rev C) Color Code for Pipelines and for Compressed Gas Cylinders |
| MIL-STD-108 | (1966; Rev E; Am 1 1985; Notice 2 1990) Definitions of and Basic Requirements for Enclosures for Electric and Electronic Equipment |
| MIL-STD-129 | (2014; Rev R; Change 1 2018; Change 2 2019) Military Marking for Shipment and Storage |

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| MIL-STD-130 | (2007; Rev N; Change 1 2012) Identification Marking of U.S. Military Property |
| MIL-STD-161 | (2005; Rev G; Notice 1 2010) Identification Methods for Bulk Petroleum Products Systems Including Hydrocarbon Missile Fuels |
| MIL-STD-188-124 | (1998; Rev B; Notice 2 1998; Notice 3 2000; Notice 4 2013) Grounding, Bonding and Shielding for Common Long Haul/Tactical Communications Systems, Including Ground Based Communications - Electronics Facilities and Equipments |
| MIL-STD-188-125-1 | (1998; Basic; Notice 1 2005) High-Altitude Electromagnetic Pulse (HEMP) Protection for Ground-Based C4I Facilities Performing Critical, Time-Urgent Missions, Part I Fixed Facilities |
| MIL-STD-188-176 | (1996; Notice 1) Standardized Profile for Asynchronous Transfer Mode (ATM) |
| MIL-STD-220 | (2009; Rev C; Notice 1 2014; Notice 2 2019) Method of Insertion Loss Measurement |
| MIL-STD-282 | (2015; Rev B) Filter Units, Protective Clothing, Gas-Mask Components and Related Products: Performance-Test Methods |
| MIL-STD-461 | (2015; Rev G) Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment |
| MIL-STD-704 | (2004; Rev F; Notice 1 2008; Notice 2 2013) Aircraft Electric Power Characteristics |
| MIL-STD-810 | (2019; Rev H) Environmental Engineering Considerations and Laboratory Tests |
| MIL-STD-889 | (2016; Rev C) Dissimilar Metals |
| MIL-STD-1399-300 | (2008; Rev B) Electric Power, Alternating Current |
| MIL-STD-1691 | (1994; Rev F) Construction and Material Schedule for Military Medical and Dental Facilities |
| MIL-STD-1699 | (1992; Rev B) Nondestructive Evaluation of Butt Welds in Crane and Railroad Rails |
| MIL-STD-2042 | (2002; Rev B; Notice 1 2007) Fiber Optic Cable Topology Installation Standard Methods for Naval Ships |
| MIL-STD-3004-1 | (2018) Quality Assurance for Bulk Fuels, Lubricants and Related Products |
| MIL-T-152 | (1961; Rev B; Am 2 1966; Notice 2 2000; Notice 3 2006; Notice 4 2011; Notice 5 2019) Treatment, |

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| | Moisture and Fungus Resistant, of Communications, Electronic, and Associated Electrical Equipment |
| MIL-T-16420 | (1978; Rev K; Am 1 1988) Tube, Copper-Nickel Alloy, Seamless and Welded (Copper Alloy Numbers 715 and 706) |
| MIL-T-19646 | (1990; Rev A) Thermometer, Gas Actuated, Remote Reading |
| MIL-T-81772 | (2019; Rev C) Thinner, Aircraft Coating |
| MIL-V-173 | (1969; Rev C; Am 2; CANC Notice 3) Varnish, Moisture and Fungus Resistant (For Treatment of Communications, Electronic, and Associated Equipment) |
| MIL-V-12003 | (1980; Rev F; Am 1; CANC Notice 1) Valves, Plug, Cast-Iron or Steel, Manually Operated |
| SAE CMH-17-36 | (2012) Composite Materials Handbook, Vol. 3, Polymer Matrix Composites Material Usage, Design, and Analysis |
| UFC 1-200-01 | (2019) DoD Building Code |
| UFC 1-200-02 | (2016, with Change 4, 2019) High Performance and Sustainable Building Requirements |
| UFC 1-300-02 | (2014, with Change 2, 2019) Unified Facilities Guide Specifications (UFGS) Format Standard |
| UFC 1-300-08 | (2009, with Change 2, 2011) Criteria for Transfer and Acceptance of DoD Real Property |
| UFC 3-101-01 | (2011; with Change 5, 2019) Architecture |
| UFC 3-230-03 | (2012; with Change 1, 2018) Water Treatment |
| UFC 3-250-01 | (2016) Pavement Design for Roads and Parking Areas |
| UFC 3-301-01 | (2019) Structural Engineering |
| UFC 3-340-02 | (2008, Change 2, 2014) Structures to Resist the Effects of Accidental Explosions |
| UFC 3-501-01 | (2015; with Change 1, 2019) Electrical Engineering |
| UFC 3-535-01 | (2017, with Change 1, 2018) Visual Air Navigation Facilities |
| UFC 3-560-01 | (2017, with Change 2, 2019) Operations and Maintenance: Electrical Safety |
| UFC 3-600-01 | (2016; with Change 3, 2019) Fire Protection Engineering for Facilities |

UFC 3-601-02 (2010) Operations and Maintenance: Inspection, Testing, and Maintenance of Fire Protection Systems

UFC 4-010-01 (2018) DoD Minimum Antiterrorism Standards for Buildings

UFC 4-010-06 (2016; with Change 1, 2017) Cybersecurity of Facility-Related Control Systems

UFC 4-021-01 (2008; with Change 1, 2010) Design and O&M: Mass Notification Systems

UFC 4-023-03 (2009; with Change 3, 2016) Design of Buildings to Resist Progressive Collapse

U.S. DEPARTMENT OF ENERGY (DOE)

DOE HDBK-1169 (2003) Nuclear Air Cleaning Handbook

DOE LT-4 (2005) How to Buy Energy-Efficient Exit Signs

Energy Star (1992; R 2006) Energy Star Energy Efficiency Labeling System (FEMP)

U.S. DEPARTMENT OF ENERGY FEDERAL ENERGY MANAGEMENT PROGRAM (FEMP)

PL-109-58 (1992; R 2005) Energy Efficient Procurement Requirements

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (HUD)

HUD 6780 (1995; Errata Aug 1996; Rev Ch. 7 - 1997) Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing

U.S. DEPARTMENT OF STATE (SD)

SD Std-01.01 (1993 Rev G Amended; Inx Certified Prod/Mfg) Certification Standard Forced Entry and Ballistic Resistance of Structural Systems

U.S. DEPARTMENT OF THE NAVY (DON)

OPNAV M-5090.1 (2014) Environmental Readiness Manual

U.S. DEPARTMENT OF TRANSPORTATION (DOT)

DOT 4500.9R Defense Transportation Regulation, Part 2, Cargo Movement, Chapter 204, Hazardous Material

U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)

EPA 340/1-90/018 (1990) Asbestos/NESHAP Regulated Asbestos Containing Materials Guidance

EPA 402-C-01-001 (2001) IAQ Building Education and Assessment Tool (I-BEAM)

| | |
|-------------------|---|
| EPA 402-F-91-102 | (1991) Building Air Quality: A Guide for Building Owners and Facility Managers |
| EPA 402-R-92-003 | (1993) Protocols for Radon and Radon Decay Product Measurements in Homes |
| EPA 402-R-92-004 | (1992) Indoor Radon and Radon Decay Product Measurement Device Protocols |
| EPA 402-R-92-014 | (1993) Radon Measurement in Schools |
| EPA 402-R-93-078 | (1993; R 1994) Radon Mitigation Standards |
| EPA 450/4-80/023R | (1985) Guideline for Determination of Good Engineering Practice Stack Height (Technical Support Document for the Stack Height Regulations) |
| EPA 530-R-97-007 | (1997) Best Management Practices (BMPs) for Soils Treatment Technologies;, Suggested Operational Guidelines to Prevent Cross-Media Transfer of Contaminants During Cleanup Activities |
| EPA 530/F-93/004 | (1993; Rev O; Updates I, II, IIA, IIB, and III) Test Methods for Evaluating Solid Waste (Vol IA, IB, IC, and II) (SW-846) |
| EPA 540/2-91/020A | (1991) Guide for Conducting Treatability Studies under CERCLA: Soil Washing: Interim Guidance |
| EPA 540/R-92/071a | (1992) A Guide For Conducting Treatability Studies Under CERCLA, Final Report |
| EPA 542-B-98-007 | (1998) Guide to Documenting and Managing Cost and Performance Information for Remediation Projects |
| EPA 560/5-85-024 | (1985) Guidance for Controlling Asbestos-Containing Materials in Buildings (Purple Book) |
| EPA 560/5-86-017 | (1986) Field Manual for Grid Sampling of PCB Spill Sites to Verify Cleanup |
| EPA 560/6-82-002 | (1982) Guidelines and Support Documents for Environmental Effects Testing |
| EPA 600-4-89-034 | (1990) Handbook of Suggested Practices for the Design and Installation of Groundwater Monitoring Wells |
| EPA 600/4-79/020 | (1983) Methods for Chemical Analysis of Water and Wastes |
| EPA 600/4-90/027F | (1993) Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms |
| EPA 600/R-96/084 | (2000) Guidance for Data Quality Assessment: Practical Methods for Data Analysis EPA QA/G-9, |

QA00 version

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|---------------------|---|
| EPA 625-R-92-016 | (1993; Am 1994) Radon Prevention in Design and Construction of Schools and Other Large Buildings |
| EPA 625-R-93-011 | (1993) Radon Reduction Technique for Existing Detached Houses: Technical Guidance for Active Soil Depressurization Systems |
| EPA 625/1-86/021 | (1986) Design Manual: Municipal Wastewater Disinfection |
| EPA 712-C-98-075 | (1998) Fate, Transport and Transformation Test Guidelines - OPPTS 835.3100- "Aerobic Aquatic Biodegradation" |
| EPA 821-R-02-012 | (2002) Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms |
| EPA AP-42 | (1995) Compilation of Air Pollution Emission Factors |
| EPA Method 24 | (2000) Determination of Volatile Matter Content, Water Content, Density, Volume Solids, and Weight Solids of Surface Coatings |
| EPA SESDPROC-105-R2 | (2013) Groundwater Level and Well Depth Measurement |
| EPA SM 9223 | (2004) Enzyme Substrate Coliform Test |
| EPA SW-846 | (Third Edition; Update IV) Test Methods for Evaluating Solid Waste: Physical/Chemical Methods |
| EPA SW-846.3-3 | (1999, Third Edition, Update III-A) Test Methods for Evaluating Solid Waste: Physical/Chemical Methods |
| EPA WaterSense | (2006) WaterSense Water Efficiency Labeling System |
| PL 93-523 | (1974; A 1999) Safe Drinking Water Act |

U.S. FEDERAL AVIATION ADMINISTRATION (FAA)

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|--------------------|--|
| FAA AC 70/7460-1 | (2015; Rev L) Obstruction Marking and Lighting |
| FAA AC 150/5300-13 | (2012; Rev A; Change 1 2014; Errata 2016; Errata 2 2017; Errata 3 2018) Airport Design |
| FAA AC 150/5320-12 | (1997, Rev C; Change 1-3, 5 and 6) Measurement, Construction and Maintenance of Skid-Resistant Airport Pavement Surfaces |
| FAA AC 150/5345-3 | (2007; Rev F) Specification for L-821 Panels for Control to Airport Lighting |
| FAA AC 150/5345-5 | (2006; Rev B) Specification for Airport Lighting Circuit Selector Switch |

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| FAA AC 150/5345-7 | (2013; Rev F) Specification for L-824 Underground Electrical Cable for Airport Lighting Circuits |
| FAA AC 150/5345-10 | (2014; Rev H) Specification for Constant Current Regulators Regulator Monitors |
| FAA AC 150/5345-12 | (2005; Rev E) Specification for Airport and Heliport Beacon |
| FAA AC 150/5345-13 | (2007; Rev B) Specification for L-841 Auxiliary Relay Cabinet Assembly for Pilot Control of Airport Lighting Circuits |
| FAA AC 150/5345-26 | (2008; Rev D) FAA Specification for L-823 Plug and Receptacle, Cable Connectors |
| FAA AC 150/5345-27 | (2013; Rev E) Specification for Wind Cone Assemblies |
| FAA AC 150/5345-28 | (2005; Rev F) Precision Approach Path Indicator (PAPI) Systems |
| FAA AC 150/5345-42 | (2019; Rev J) Specification for Airport Light Bases, Transformer Housings, Junction Boxes and Accessories |
| FAA AC 150/5345-43 | (2019; Rev J) Specification for Obstruction Lighting Equipment |
| FAA AC 150/5345-44 | (2007; Rev H) Specification for Runway and Taxiway Signs |
| FAA AC 150/5345-45 | (2007; Rev C) Low-Impact Resistant (LIR) Structures |
| FAA AC 150/5345-46 | (2016; Rev E) Specification for Runway and Taxiway Light Fixtures |
| FAA AC 150/5345-47 | (2005; Rev B) Specification for Series to Series Isolation Transformers for Airport Lighting Systems |
| FAA AC 150/5345-51 | (2005; Rev A) Specification for Discharge-Type Flashing Light Equipment |
| FAA AC 150/5345-53 | (2012; Rev D) Airport Lighting Equipment Certification Program |
| FAA AC 150/5345-56B | (2011; Rev B) Specification for L-890 Airport Lighting Control and Monitoring System (ALCMS) |
| FAA AC 150/5370-10 | (2018; Rev H; Errata 1 2019) Standard Specifications for Construction of Airports |
| FAA E-982 | (2003; Rev J) PAR-56 Lampholder |
| FAA E-2159 | (2004; Rev E) Runway End Identifier Lighting System (REIL) |
| FAA E-2519 | (1972; Rev A) Types I and II |

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| FAA E-2628 | (1979; Rev B) Sequenced Flashing Lighting System, Elevated and Semiflush with Dimming and Monitoring |
| FAA E-2690 | (2000; Rev A) Isolation Transformer (1500 watt) for High Intensity Approach Lighting Systems |
| FAA E-2702 | (2007; Rev A) Low Impact Resistant (LIR) Structures |
| FAA FO 6850.19 | (1978) Frangible Coupling |

U.S. FEDERAL COMMUNICATIONS COMMISSION (FCC)

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| FCC EMC | (2002) FCC Electromagnetic Compliance Requirements |
| FCC Part 15 | Radio Frequency Devices (47 CFR 15) |
| FCC Part 68 | Connection of Terminal Equipment to the Telephone Network (47 CFR 68) |

U.S. FEDERAL HIGHWAY ADMINISTRATION (FHWA)

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| FHWA NHI-00-043 | (2000) Mechanically Stabilized Earth Walls and Reinforced Soil Slopes Design and Construction Guidelines (ISDDC) |
| FHWA NHI-10-016 | (2010) Drilled Shafts: Construction Procedures and LRFD Design Methods |
| FHWA RD-89-199 | (1989) Hydraulic Stability of Articulated Concrete Block Revetment Systems During Overtopping Flow |
| FHWA SHS | (2004; Supplement 2012) Standard Highway Signs |
| MUTCD | (2015) Manual on Uniform Traffic Control Devices |
| NCHRP 350 | (1993) Recommended Procedures for the Safety Performance Evaluation of Highway Features |

U.S. GENERAL SERVICES ADMINISTRATION (GSA)

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| CID A-A-203 | (Rev C; Notice 3) Paper, Kraft, Untreated |
| CID A-A-272 | (Rev B; Notice 1) Caulking Compounds |
| CID A-A-857 | (Rev B, Notice 3) Thinner, Dope and Lacquer (Cellulose Nitrate) |
| CID A-A-1689 | (Rev B) Tape, Pressure-Sensitive Adhesive, (Plastic Film) |
| CID A-A-1922 | (Rev A; Notice 3) Shield, Expansion (Caulking Anchors, Single Lead) |
| CID A-A-1923 | (Rev A; Notice 3) Shield, Expansion (Lag, Machine and Externally Threaded Wedge Bolt Anchors) |

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| CID A-A-1924 | (Rev A; Notice 3) Shield, Expansion (Self Drilling Tubular Expansion Shell Bolt Anchors) |
| CID A-A-1925 | (Rev A; Notice 3) Shield Expansion (Nail Anchors) |
| CID A-A-1928 | (Rev C; Notice 1; Notice 2) Padlock (Combination) |
| CID A-A-2962 | (Rev A; Notice 2) Enamel, Alkyd, Gloss, Low VOC Content |
| CID A-A-3130 | (Rev A) Paint (For Application to Wet Surfaces) |
| CID A-A-50457 | (Rev A; Notice 2) Valves Radiator, Heating Packless Bonnett, Class 125 PSIG |
| CID A-A-50494 | (Basic; Notice 1) Exhaust Head, Steam |
| CID A-A-50502 | (Basic) Air Conditioners, (Unitary Heat Pump), Air to Air (3,000 to 300,000 BTU) |
| CID A-A-50504 | (Basic) Analyzers, Flue-Gas, Orsat-Type, Portable |
| CID A-A-50543 | (Basic; Notice 2) Heaters, Convection, Steam or Hot Water |
| CID A-A-50544 | (Basic; Notice 2) Radiators, Heating, Steam and Hot Water, Cast Iron |
| CID A-A-50545 | (Basic; Notice 2) Radiator, Heating, Baseboard Panel, Steam and Hot Water |
| CID A-A-50553 | (2015; Rev B) Fitting for Conduit, Metal, Rigid (Thick-Wall and Thin-Wall (EMT) Type) |
| CID A-A-50555 | (Basic) Pumping Units, Sewage, Duplex, Centrifugal, Automatic Wet-Pit Type |
| CID A-A-50558 | (Basic; Notice 1) Valves, Pressure Regulating, Steam |
| CID A-A-50559 | (Basic; Notice 1) Valves, Temperature-Regulating (Thermostatically Controlled) |
| CID A-A-50560 | (Basic) Pumps, Centrifugal, Water Circulating, Electric-Motor-Driven |
| CID A-A-50561 | (Basic) Pumps, Rotary, Power-Driven, Viscous Liquids |
| CID A-A-50562 | (Basic) Pump Units, Centrifugal, Water, Horizontal; General Service and Boiler-Feed: Electric-Motor or Steam-Turbine-Driven |
| CID A-A-50565 | (Basic) Cabinet, Storage; Wardrobe, Three Drawer |
| CID A-A-50566 | (Basic) Monitoring Devices, Emission, Stack Related |
| CID A-A-50568 | (Basic; Notice 1) Gages, Liquid Level Measuring, Tank |

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| CID A-A-50573 | (Basic, Notice 1) Water Softener Unit, Lime-Soda Type |
| CID A-A-50696 | (2016; Rev D) Reels, Static Discharge, Grounding, 50 and 75 Foot Cable Lengths |
| CID A-A-50879 | (Rev A) Sterilization Test Strip Set, Bacterial Spore |
| CID A-A-51145 | (Rev D; Notice 1; Notice 2; Notice 3) Flux, Soldering, Non-Electronic, Paste and Liquid |
| CID A-A-52128 | (Basic) Shelving, Storage, Stationary and Mobile, Food Storage |
| CID A-A-52557 | (2001; Rev A; Notice 1) Fuel Oil, Diesel; for Posts, Camps and Stations |
| CID A-A-55614 | (Basic; Notice 2) Shield, Expansion (Non-Drilling Expansion Anchors) |
| CID A-A-55615 | (Basic; Notice 3) Shield, Expansion (Wood Screw and Lag Bolt Self-Threading Anchors) |
| CID A-A-55619 | (Rev C; Notice 1) Casters, Industrial, Heavy Duty |
| CID A-A-58092 | (Basic; Notice 1; Notice 2) Tape, Antiseize, Polytetrafluoroethylene |
| CID A-A-59222 | (Basic; Notice 1) Fans, Centrifugal, Draft, Forced and Induced |
| CID A-A-59223 | (Basic; Notice 1) Cooling Towers, Liquid |
| CID A-A-59224 | (Basic; Notice 2) Meters, Fluid Quantity Volumetric |
| CID A-A-59249 | (Basic; Notice 1; Notice 2) Filters, Fluid, Pressure, Feedwater |
| CID A-A-59295 | Corrosion Preventive Compounds, Cold Application (For New And Fielded Motor Vehicles And Trailers) |
| CID A-A-59326 | (Rev D) General Specification For Coupling Halves, Quick-Disconnect, Cam-Locking Type |
| CID A-A-59502 | (Basic) Plastic Sheet, Polycarbonate |
| CID A-A-59617 | (Basic, Notice 1) Unions, Brass or Bronze, Threaded Pipe Connections and Solder-Joint Tube Connections |
| CID A-A-60001 | (Rev A) Traps, Steam |
| CID A-A-60003 | (Basic) Partitions, Toilet, Complete |
| CID A-A-60005 | (Basic; Notice 2) Frames, Covers, Gratings, Steps, Sump And Catch Basin, Manhole |

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| FED-STD-228 | (2014; Rev A; Notice 1) Test Methods for Cable and Wire, Insulated |
| FED-STD-313 | (2014; Rev E) Material Safety Data, Transportation Data and Disposal Data for Hazardous Materials Furnished to Government Activities |
| FED-STD-595 | (Rev C; Notice 1) Colors Used in Government Procurement |
| FS AA-D-600 | (Rev D, Am 1; Am 4) Door, Vault, Security |
| FS AA-L-00486 | (Rev J) Lockers, Clothing, Steel |
| FS CCC-C-467 | (Rev C; Notice 1) Cloth, Burlap, Jute (or Kenaf) |
| FS CCC-W-408 | (Rev D; Notices 1, 2) Wallcovering, Vinyl Coated |
| FS F-B-2902 | (Basic; Notice 1) Boilers, Steam Watertube (Bent Tube, Multi-Drum and Cross Drum) Packaged Type (10,000,000 to 125,000,000 BTU/HR Thermal Output Capacity) |
| FS F-B-2903 | (Basic; Notice 2) Boilers, Steam and or Water, Firetube, Scotch Packaged Type (320,001 to 35,000,000 BTU/HR Thermal Output Capacity) |
| FS F-B-2910 | (Basic) Burners, Single Oil, Gas, and Gas-Oil Combination for Packaged Boilers (320,001 to 125,000,000 BTU/HR Thermal Output Capacity) |
| FS F-F-351 | (Rev F; Notice 1) Filters and Filter Elements, Fluid Pressure: Lubricating Oil, Bypass and Full Flow |
| FS F-F-2901 | (Basic; Notice 1) Feeders, Boiler Water Treatment, By-Pass and Compound Receiver Types |
| FS F-P-2908 | (Basic; Notice 1) Pumping Units, Condensate, Return; and Boiler Feed Package |
| FS F-T-2907 | (Rev A; Notice 1) Tanks, Portable Hot Water Storage |
| FS F-V-2906 | (Basic) Valves, Air Venting, Steam |
| FS FF-B-588 | (Rev E; Notice 1) Bolt, Toggle: and Expansion Sleeve, Screw |
| FS FF-S-325 | (Basic; Int Amd 3; Notices 3, 4) Shield, Expansion; Nail, Expansion; and Nail, Drive Screw (Devices, Anchoring, Masonry) |
| FS L-S-125 | (Rev B; Notice 1) Screening, Insect, Nonmetallic |
| FS MM-L-736 | (Rev D; Notice 1) Lumber; Hardwood |
| FS MMM-A-001993 | (1978; Rev A) Adhesive, Epoxy, Flexible, Filled |

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| | (For Binding, Sealing, and Grouting) |
| FS O-D-1276 | (Rev B; Notice 1) Disinfectant-Detergent, General Purpose (Pine Oil) |
| FS QQ-B-654 | (Rev A; Notice 1; AM 1) Brazing Alloys, Silver |
| FS RR-C-271 | (Rev G) Chains and Attachments, Carbon And Alloy Steel |
| FS RR-F-191 | (Rev K) Fencing, Wire and Post Metal (and Gates, Chain-Link Fence Fabric, and Accessories) |
| FS RR-F-191/1 | (Rev F) Fencing, Wire and Post, Metal (Chain-Link Fence Fabric) |
| FS RR-F-191/2 | (Rev E) Fencing, Wire and Post, Metal (Chain-Link Fence Gates) |
| FS RR-F-191/3 | (Rev E; Am 1) Fencing, Wire and Post, Metal (Chain-Link Fence Posts, Top Rails and Braces) |
| FS RR-F-191/4 | (Rev F) Fencing, Wire and Post, Metal (Chain-Link Fence Accessories) |
| FS RR-W-410 | (Rev H) Wire Rope and Strand |
| FS S-R-2834 | (Basic) Radiators: Heating, Steel, Multifin Type |
| FS S-U-2833 | (Basic; Notice 1) Unit Heater, Air-Circulating, Steam - Hot Water |
| FS SS-S-200 | (Rev E; Am 1; Notice 1) Sealant, Joint, Two-Component, Jet-Blast-Resistant, Cold-Applied, for Portland Cement Concrete Pavement |
| FS SS-S-1401 | (Rev C; Am 1; Notices 1, 2) Sealant, Joint, Non-Jet-Fuel-Resistant, Hot-Applied, for Portland Cement and Asphalt Concrete Pavements |
| FS TT-B-1325 | (Rev D; Notice 1; Notice 2 2017) Beads (Glass Spheres) Retro-Reflective (Metric) |
| FS TT-C-490 | (Rev G; 2019) Cleaning Methods for Ferrous Surfaces and Pretreatments for Organic Coatings |
| FS TT-E-489 | (Rev J; Notice 2) Enamel, Alkyd, Glass, Low VOC Content |
| FS TT-E-491 | (Rev C; Notice 1) Enamel; Gloss, Synthetic (for Metal and Wood Furniture) |
| FS TT-F-336 | (Rev E; Notice 1) Filler, Wood, Paste |
| FS TT-P-28 | (Rev H) Paint, Aluminum, Heat Resisting (1200 Degrees F.) |

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| FS TT-P-38 | (Rev E; Notice 1) Paint, Aluminum, Ready-Mixed |
| FS TT-P-645 | (Rev C) Primer, Paint, Zinc-Molybdate, Alkyd Type |
| FS TT-P-1952 | (2015; Rev F) Paint, Traffic and Airfield Markings, Waterborne |
| FS TT-S-001543 | (Rev B; Notice 1) Sealing Compound: Silicone Rubber Base (For Calking, Sealing, and Glazing in Buildings and Other Structures) |
| FS UU-B-790 | (Rev A; Notice 2) Building Paper Vegetable Fiber: (Kraft, Waterproofed, Water Repellent and Fire Resistant) |
| FS W-C-375 | (Rev E; Supp 1; Am 1) Circuit Breakers, Molded Case, Branch Circuit and Service |
| FS W-H-2904 | (Basic; Notice 1) Heaters, Fluid, Deaerating (For Water Only) 1,000 to 1,600,000 Pounds Per Hour Capacity |
| FS WW-H-191 | (Rev E; Notice 2) Heater, Fluid, Industrial (Instantaneous, Steam, Water Converter Type) |
| FS WW-P-421 | (Rev D; Notice 1) Pipe, Cast, Gray and Ductile Iron, Pressure (For Water and Other Liquids) |
| FS WW-P-541 | (Rev E; Am 1; Notice 1) Plumbing Fixtures |
| FS WW-S-2739 | (Basic; Notice 1; Notice 2) Strainers, Sediment: Pipeline, Water, Air, Gas, Oil, or Steam |
| FS XX-C-2816 | (Rev A) Compressor, Air, Reciprocating or Rotary, Electric Motor Driven, Stationary, 10 HP and Larger |
| GSA HPTP 07656-01 | Installing Lead Stone Flashing to Protect Masonry Joints |
| QPL-TNT-AP-28 | (2004) Paint, Aluminum, Heat Resisting (1200 Degrees F) |

U.S. GREEN BUILDING COUNCIL (USGBC)

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|--------------------|---|
| GBCI GP Assessment | (2016) Guiding Principles Assessment by GBCI (DOD Version) |
| LEED BD+C | (2009; R 2010) Leadership in Energy and Environmental Design(tm) Building Design and Construction (LEED-NC) |
| LEED BDC Ref Guide | (2013) USGBC LEED Reference Guide for Building Design and Construction, v4 |
| LEED NC | (2009) Leadership in Energy and Environmental Design(tm) New Construction Rating System |

U.S. NATIONAL ARCHIVES AND RECORDS ADMINISTRATION (NARA)

| | |
|-----------------------|---|
| 10 CFR 20 | Standards for Protection Against Radiation |
| 10 CFR 430 | Energy Conservation Program for Consumer Products |
| 10 CFR 431 | Energy Efficiency Program for Certain Commercial and Industrial Equipment |
| 10 CFR 433.300 | Subpart C - Green Building Certification for Federal Buildings |
| 15 CFR 772 | Definition of Terms |
| 15 CFR 773 | Special Licensing Procedures |
| 16 CFR 1201 | Safety Standard for Architectural Glazing Materials |
| 16 CFR 1209 | Interim Safety Standard for Cellulose Insulation |
| 16 CFR 1404.4 | Requirements to Provide Performance and Technical Data by Labeling - Notice to Purchasers |
| 16 CFR 1630 | Standard for the Surface Flammability of Carpets and Rugs (FF 1-70) |
| 16 CFR 1632 | Standard for the Flammability of Mattresses and Mattress Pads (FF 4-72 Amended) |
| 21 CFR 175 | Indirect Food Additives: Adhesives and Components of Coatings |
| 21 CFR 701 | Cosmetic Labeling |
| 21 CFR 1020 | Performance Standards for Ionizing Radiation Emitting Products |
| 21 CFR 1040 | Performance Standards for Light-Emitting Products |
| 29 CFR 1904 | Recording and Reporting Occupational Injuries and Illnesses |
| 29 CFR 1910 | Occupational Safety and Health Standards |
| 29 CFR 1910-SUBPART D | Walking - Working Surfaces |
| 29 CFR 1910-SUBPART Q | Welding, Cutting, and Brazing |
| 29 CFR 1910-SUBPART Z | Toxic and Hazardous Substances |
| 29 CFR 1910.12 | Construction Work |
| 29 CFR 1910.20 | Access to Employee Exposure and Medical Records |
| 29 CFR 1910.23 | (Nov 2016) Ladders |

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| 29 CFR 1910.24 | (Nov 2016) Step Bolts and Manhole Steps |
| 29 CFR 1910.27 | (Nov 2016) Scaffolds and Roope Descent Systems |
| 29 CFR 1910.28 | (Nov 2016) Duty to Have Fall Protection and Falling Object Protection |
| 29 CFR 1910.29 | (Nov 2016) Fall Protection System and Falling Object Protection - Criteria and Practices |
| 29 CFR 1910.94 | Ventilation |
| 29 CFR 1910.106 | Flammable Liquids |
| 29 CFR 1910.120 | Hazardous Waste Operations and Emergency Response |
| 29 CFR 1910.132 | Personal Protective Equipment |
| 29 CFR 1910.133 | Eye and Face Protection |
| 29 CFR 1910.134 | Respiratory Protection |
| 29 CFR 1910.144 | Safety Color Code for Marking Physical Hazards |
| 29 CFR 1910.145 | Specifications for Accident Prevention Signs and Tags |
| 29 CFR 1910.146 | Permit-required Confined Spaces |
| 29 CFR 1910.147 | The Control of Hazardous Energy (Lock Out/Tag Out) |
| 29 CFR 1910.157 | (2003) Portable Fire Extinguishers |
| 29 CFR 1910.179 | Overhead and Gantry Cranes |
| 29 CFR 1910.212 | Safety Standard for Machinery and Machine Guarding |
| 29 CFR 1910.219 | Mechanical Power Transmission Apparatus |
| 29 CFR 1910.303 | Electrical, General |
| 29 CFR 1910.306 | Specific Purpose Equipment and Installations |
| 29 CFR 1910.333 | Selection and Use of Work Practices |
| 29 CFR 1910.1000 | Air Contaminants |
| 29 CFR 1910.1001 | Asbestos |
| 29 CFR 1910.1018 | Inorganic Arsenic |
| 29 CFR 1910.1025 | Lead |
| 29 CFR 1910.1028 | Benzene |
| 29 CFR 1910.1053 | Respirable Crystalline Silica |

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| 29 CFR 1910.1096 | (2017) Ionizing Radiation |
| 29 CFR 1910.1200 | Hazard Communication |
| 29 CFR 1915 | Confined and Enclosed Spaces and Other Dangerous Atmospheres in Shipyard Employment |
| 29 CFR 1915.89 | Control of Hazardous Energy (Lockout/Tags-Plus) |
| 29 CFR 1919 | Gear Certification |
| 29 CFR 1926 | Safety and Health Regulations for Construction |
| 29 CFR 1926.16 | Rules of Construction |
| 29 CFR 1926.21 | Safety Training and Education |
| 29 CFR 1926.33 | Access to Employee Exposure and Medical Records |
| 29 CFR 1926.51 | Sanitation |
| 29 CFR 1926.55 | Gases, Vapors, Fumes, Dusts, and Mists |
| 29 CFR 1926.59 | Hazard Communication |
| 29 CFR 1926.62 | Lead |
| 29 CFR 1926.65 | Hazardous Waste Operations and Emergency Response |
| 29 CFR 1926.103 | Respiratory Protection |
| 29 CFR 1926.200 | Accident Prevention Signs and Tags |
| 29 CFR 1926.450 | Scaffolds |
| 29 CFR 1926.500 | Fall Protection |
| 29 CFR 1926.552 | Material Hoists, Personal Hoists, and Elevators |
| 29 CFR 1926.553 | Base-Mounted Drum Hoists |
| 29 CFR 1926.651 | Specific Excavation Requirements |
| 29 CFR 1926.652 | Safety and Health Regulations for Construction; Subpart P, Excavations; Requirements for Protective Systems |
| 29 CFR 1926.756 | Steel Erection; Beams and Columns |
| 29 CFR 1926.757 | Steel Erection; Open Web Steel Joists |
| 29 CFR 1926.1101 | Asbestos |
| 29 CFR 1926.1126 | Chromium |
| 29 CFR 1926.1127 | Cadmium |

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| 29 CFR 1926.1153 | Respirable Crystalline Silica |
| 29 CFR 1926.1400 | Cranes and Derricks in Construction |
| 29 CFR Part 1926, Subpart | Steel Erection |
| 30 CFR 1 | Mine Safety and Health Administration; Establishment and Use of Official Emblem |
| 30 CFR 72 | Health Standards for Coal Mines |
| 36 CFR 1191 | Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Architectural Barriers Act (ABA) Accessibility Guidelines |
| 40 CFR 50 | National Primary and Secondary Ambient Air Quality Standards |
| 40 CFR 50.6 | National Primary and Secondary Ambient Air Quality Standards for PM ₁₀ |
| 40 CFR 50.12 | National Primary and Secondary Ambient Air Quality Standards for Lead |
| 40 CFR 58 | Ambient Air Quality Surveillance |
| 40 CFR 60 | Standards of Performance for New Stationary Sources |
| 40 CFR 60.18 | General Control Device and Work Practice Requirements |
| 40 CFR 60.752 | Standards for Air Emissions from Municipal Solid Waste Landfills |
| 40 CFR 61 | National Emission Standards for Hazardous Air Pollutants |
| 40 CFR 61-SUBPART A | General Provisions |
| 40 CFR 61-SUBPART M | National Emission Standard for Asbestos |
| 40 CFR 63 | National Emission Standards for Hazardous Air Pollutants for Source Categories |
| 40 CFR 64 | Compliance Assurance Monitoring |
| 40 CFR 82 | Protection of Stratospheric Ozone |
| 40 CFR 112 | Oil Pollution Prevention |
| 40 CFR 117 | Determination of Reportable Quantities for Hazardous Substances |
| 40 CFR 122 | EPA Administered Permit Programs: The National Pollutant Discharge Elimination System |

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| 40 CFR 122.26 | Storm Water Discharges (Applicable to State NPDES Programs, see section 123.25) |
| 40 CFR 141.80 | National Primary Drinking Water Regulations; Control of Lead and Copper; General Requirements |
| 40 CFR 143 | National Secondary Drinking Water Regulations |
| 40 CFR 152 | Pesticide Registration and Classification Procedures |
| 40 CFR 152 - 186 | Pesticide Programs |
| 40 CFR 241 | Guidelines for Disposal of Solid Waste |
| 40 CFR 243 | Guidelines for the Storage and Collection of Residential, Commercial, and Institutional Solid Waste |
| 40 CFR 247 | Comprehensive Procurement Guideline for Products Containing Recovered Materials |
| 40 CFR 258 | Subtitle D Landfill Requirements |
| 40 CFR 260 | Hazardous Waste Management System: General |
| 40 CFR 261 | Identification and Listing of Hazardous Waste |
| 40 CFR 261.7 | Residues of Hazardous Waste in Empty Containers |
| 40 CFR 262 | Standards Applicable to Generators of Hazardous Waste |
| 40 CFR 262.22 | Number of Copies |
| 40 CFR 262.31 | Standards Applicable to Generators of Hazardous Waste-Labeling |
| 40 CFR 262.34 | Standards Applicable to Generators of Hazardous Waste-Accumulation Time |
| 40 CFR 263 | Standards Applicable to Transporters of Hazardous Waste |
| 40 CFR 264 | Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities |
| 40 CFR 265 | Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities |
| 40 CFR 266 | Standards for the Management of Specific Hazardous Wastes and Specific Types of Hazardous Waste Management Facilities |
| 40 CFR 268 | Land Disposal Restrictions |
| 40 CFR 270 | EPA Administered Permit Programs: The Hazardous |

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| | Waste Permit Program |
| 40 CFR 273 | Standards for Universal Waste Management |
| 40 CFR 273.2 | Standards for Universal Waste Management - Batteries |
| 40 CFR 273.3 | Standards for Universal Waste Management - Pesticides |
| 40 CFR 273.4 | Standards for Universal Waste Management - Mercury Containing Equipment |
| 40 CFR 273.5 | Standards for Universal Waste Management - Lamps |
| 40 CFR 279 | Standards for the Management of Used Oil |
| 40 CFR 280 | Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks (UST) |
| 40 CFR 300 | National Oil and Hazardous Substances Pollution Contingency Plan |
| 40 CFR 300.125 | National Oil and Hazardous Substances Pollution Contingency Plan - Notification and Communications |
| 40 CFR 302 | Designation, Reportable Quantities, and Notification |
| 40 CFR 355 | Emergency Planning and Notification |
| 40 CFR 403 | General Pretreatment Regulations for Existing and New Sources of Pollution |
| 40 CFR 745 | Lead-Based Paint Poisoning Prevention in Certain Residential Structures |
| 40 CFR 761 | Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions |
| 40 CFR 761.75 | Chemical Waste Landfills |
| 40 CFR 763 | Asbestos |
| 40 CFR 770 | Formaldehyde Standards for Composite Wood Products |
| 42 CFR 84 | Approval of Respiratory Protective Devices |
| 47 CFR 15 | Radio Frequency Devices |
| 47 CFR 17 | Construction, Marking, and Lighting of Antenna Structures |
| 47 CFR 18 | (2011) Industrial, Scientific, and Medical Equipment |
| 47 CFR 25 | Satellite Communications |

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| 47 CFR 76 | Multichannel Video and Cable Television Service |
| 47 CFR 76.605 | Technical Standards |
| 47 CFR 90 | Private Land Mobile Radio Services |
| 49 CFR 107 | Hazardous Materials Program Procedures |
| 49 CFR 171 | General Information, Regulations, and Definitions |
| 49 CFR 172 | Hazardous Materials Table, Special Provisions, Hazardous Materials Communications, Emergency Response Information, and Training Requirements |
| 49 CFR 172.101 | Hazardous Material Regulation-Purpose and Use of Hazardous Material Table |
| 49 CFR 173 | Shippers - General Requirements for Shipments and Packagings |
| 49 CFR 173.301 | Shipment of Compressed Gases in Cylinders and Spherical Pressure Vessels |
| 49 CFR 174 | Carriage by Rail |
| 49 CFR 175 | Carriage by Aircraft |
| 49 CFR 176 | Carriage by Vessel |
| 49 CFR 177 | Carriage by Public Highway |
| 49 CFR 178 | Specifications for Packagings |
| 49 CFR 179 | Specifications for Tank Cars |
| 49 CFR 192 | Transportation of Natural and Other Gas by Pipeline: Minimum Federal Safety Standards |
| 49 CFR 192.105 | Design Formula for Steel Pipe |
| 49 CFR 192.197 | Control of the Pressure of Gas Delivered from High-Pressure Distribution Systems |
| 49 CFR 195 | Transportation of Hazardous Liquids by Pipeline |
| 77 FR 12286 | Final National Pollutant Discharge Elimination System (NPDES) General Permit for Stormwater Discharges from Construction Activities |
| CPL 02-01-056 | (2014) Inspection Procedures for Accessing Communication Towers by Hoist |
| CPL 2.100 | (1995) Application of the Permit-Required Confined Spaces (PRCS) Standards, 29 CFR 1910.146 |
| PL 109-58 | Energy Policy Act of 2005 (EPA05) |

U.S. NAVAL FACILITIES ENGINEERING COMMAND (NAVFAC)

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| NAVFAC MO 225 | (1990) Industrial Water Treatment |
| NAVFAC MO 324 | (1992) Inspection and Certification of Boilers and Unfired Pressure Vessels |
| NAVFAC P-502 | (2017) Asbestos Program Management |
| ND OPNAVINST 5100.23 | (2005; Rev G) Navy Occupational Safety and Health (NAVOSH) Program Manual |
| TR-NAVFAC ESC-CI-1215 | (2012) Navy User's Guide for Quality Assurance of New Concrete Construction |

U.S. NAVAL SEA SYSTEMS COMMAND (NAVSEA)

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| NAVSEA T9074-AS-GIB-010/ | (1999; Notice 1) Requirements for Nondestructive Testing Methods |
| QPL-19140 | (2018) Lumber and Plywood, Fire-Retardant Treated |
| QPL-24109 | (2014) Valve, Globe, Angle, Quick Change Cartridge Trim, High Pressure (H.P.) Hydraulic and Pneumatic (Sizes 1/8 - 1-1/4 Inches) |

UL ENVIRONMENT (ULE)

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| ULE Greenguard | UL Greenguard Certification Program |
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UNDERWRITERS LABORATORIES (UL)

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| UL 1 | (2005; Reprint Aug 2017) UL Standard for Safety Flexible Metal Conduit |
| UL 4 | (2004; Reprint Feb 2018) UL Standard for Safety Armored Cable |
| UL 5 | (2016) UL Standard for Safety Surface Metal Raceways and Fittings |
| UL 5A | (2015) Nonmetallic Surface Raceways and Fittings |
| UL 6 | (2007; Reprint Sep 2019) UL Standard for Safety Electrical Rigid Metal Conduit-Steel |
| UL 6A | (2008; Reprint Sep 2019) UL Standard for Safety Electrical Rigid Metal Conduit - Aluminum, Red Brass, and Stainless Steel |
| UL 8 | (2016) UL Standard for Safety Water Based Agent Fire Extinguishers |
| UL 9 | (2009; Reprint Feb 2015) Standard for Fire Tests of Window Assemblies |
| UL 10A | (2009; Reprint Dec 2013) Standard for Tin-Clad Fire |

Doors

- UL 10B (2008; Reprint Feb 2015) Fire Tests of Door Assemblies
- UL 10C (2016) UL Standard for Safety Positive Pressure Fire Tests of Door Assemblies
- UL 14B (2008; Reprint Jul 2017) UL Standard for Safety Sliding Hardware for Standard, Horizontally Mounted Tin-Clad Fire Doors
- UL 14C (2006; Reprint Jul 2017) UL Standard for Safety Swinging Hardware for Standard Tin-Clad Fire Doors Mounted Singly and in Pairs
- UL 19 (2013) Lined Fire Hose and Hose Assemblies
- UL 20 (2010; Reprint Feb 2012) General-Use Snap Switches
- UL 33 (2010; Reprint Apr 2015) Heat Responsive Links for Fire-Protection Service
- UL 38 (2008; Reprint Nov 2013) Manual Signaling Boxes for Fire Alarm Systems
- UL 44 (2018) UL Standard for Safety Thermoset-Insulated Wires and Cables
- UL 50 (2015) UL Standard for Safety Enclosures for Electrical Equipment, Non-Environmental Considerations
- UL 58 (2018) UL Standard for Safety Steel Underground Tanks for Flammable and Combustible Liquids
- UL 62 (2018) UL Standard for Safety Flexible Cords and Cables
- UL 67 (2018; Reprint Oct 2019) UL Standard for Safety Panelboards
- UL 80 (2007; Reprint Jan 2014) Standard for Steel Tanks for Oil-Burner Fuels and Other Combustible Liquids
- UL 83 (2017) UL Standard for Safety Thermoplastic-Insulated Wires and Cables
- UL 87 (2016) UL Standard for Safety Power-Operated Dispensing Devices for Petroleum Products
- UL 87A (2015; Reprint Aug 2017) UL Standard for Safety Power-Operated Dispensing Devices for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85)
- UL 94 (2013; Reprint Sep 2017) UL Standard for Safety

Tests for Flammability of Plastic Materials for
Parts in Devices and Appliances

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| UL 96 | (2016a) UL Standard for Safety Lightning Protection Components |
| UL 98 | (2016) UL Standard for Safety Enclosed and Dead-Front Switches |
| UL 109 | (1997; Reprint Jan 2018) UL Standard for Safety Tube Fittings for Flammable and Combustible Fluids, Refrigeration Service, and Marine Use |
| UL 125 | (2014; Reprint Jan 2018) UL Standard for Safety Flow Control Valves for Anhydrous Ammonia and LP-Gas |
| UL 132 | (2015; Reprint Jan 2018) UL Standard for Safety Relief Valves for Anhydrous Ammonia and LP-Gas |
| UL 140 | (2006; Reprint Aug 2012) Relocking Devices for Safes and Vaults |
| UL 142 | (2006; Reprint Jul 2013) Steel Aboveground Tanks for Flammable and Combustible Liquids |
| UL 144 | (2012; Reprint Nov 2014) UL Standard for Safety LP-Gas Regulators |
| UL 154 | (2005; Reprint Mar 2019) UL Standard for Safety Carbon-Dioxide Fire Extinguishers |
| UL 155 | (2000; Reprint Aug 2013) Standard Tests for Fire Resistance of Vault and File Room Doors |
| UL 174 | (2004; Reprint Apr 2015) Household Electric Storage Tank Water Heaters |
| UL 181 | (2013; Reprint Apr 2017) UL Standard for Safety Factory-Made Air Ducts and Air Connectors |
| UL 181A | (2013; Reprint Mar 2017) Standard for Safety Closure Systems for Use with Rigid Air Ducts |
| UL 181B | (2013; Reprint Mar 2017) UL Standard for Safety Closure Systems for Use with Flexible Air Ducts and Air Connectors |
| UL 183 | (2009) UL Standard for Safety Manufactured Wiring Systems |
| UL 197 | (2010; Reprint Jan 2018) UL Standard for Safety Commercial Electric Cooking Appliances |
| UL 198M | (2018) UL Standard for Mine-Duty Fuses |
| UL 207 | (2009; Reprint Jun 2014) Refrigerant-Containing Components and Accessories, Nonelectrical |

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| UL 209 | (2011; Reprint May 2016) UL Standard for Safety Cellular Metal Floor Raceways and Fittings |
| UL 214 | (1997; Rev thru Aug 2001) Tests for Flame-Propagation of Fabrics and Films |
| UL 228 | (2006; Reprint Nov 2008) Door Closers-Holders, With or Without Integral Smoke Detectors |
| UL 231 | (2008; Reprint Sep 2014) Power Outlets |
| UL 246 | (2011; Reprint Dec 2018) UL Standard for Safety Hydrants for Fire-Protection Service |
| UL 248-1 | (2011) Low Voltage Fuses - Part 1: General Requirements |
| UL 248-12 | (2011) Low Voltage Fuses - Part 12: Class R Fuses |
| UL 250 | (1993; Reprint Feb 2013) Household Refrigerators and Freezers |
| UL 262 | (2004; Reprint Oct 2011) Gate Valves for Fire-Protection Service |
| UL 263 | (2011; Reprint Jan 2019) UL Standard for Safety Fire Tests of Building Construction and Materials |
| UL 268 | (2016; Reprint Oct 2019) UL Standard for Safety Smoke Detectors for Fire Alarm Systems |
| UL 268A | (2008; Reprint Oct 2014) Smoke Detectors for Duct Application |
| UL 294 | (2018; Reprint Oct 2018) UL Standard for Safety Access Control System Units |
| UL 296 | (2017) UL Standard for Safety Oil Burners |
| UL 299 | (2012) Dry Chemical Fire Extinguishers |
| UL 312 | (2010; Reprint Mar 2018) UL Standard for Safety Check Valves for Fire-Protection Service |
| UL 325 | (2017) UL Standard for Safety Door, Drapery, Gate, Louver, and Window Operators and Systems |
| UL 330 | (2017; Reprint Feb 2019) UL Standard for Safety Hose and Hose Assemblies for Dispensing Flammable Liquids |
| UL 346 | (2005; Reprint Sep 2019) UL Standard for Waterflow Indicators for Fire Protective Signaling Systems |
| UL 353 | (1994; Reprint Nov 2011) Standard for Limit Controls |
| UL 360 | (2013; Reprint Nov 2018) UL Standard for Safety |

Liquid-Tight Flexible Metal Conduit

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| UL 412 | (2011; Reprint Sep 2013) Standard for Refrigeration Unit Coolers |
| UL 427 | (2011; Reprint Feb 2014) Refrigerating Units |
| UL 429 | (2013) Electrically Operated Valves |
| UL 430 | (2015; Reprint Feb 2018) UL Standard for Safety Waste Disposers |
| UL 437 | (2013; Reprint Oct 2017) UL Standard for Safety Key Locks |
| UL 441 | (2016; Reprint Jul 2016) UL Standard for Safety Gas Vents |
| UL 444 | (2008; Reprint Apr 2015) Communications Cables |
| UL 448 | (2017) UL Standard for Safety Centrifugal Stationary Pumps for Fire-Protection Service |
| UL 464 | (2016; Reprint Sep 2017) UL Standard for Safety Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories |
| UL 467 | (2013; Reprint Jun 2017) UL Standard for Safety Grounding and Bonding Equipment |
| UL 471 | (2010; Reprint Sep 2019) UL Standard for Safety Commercial Refrigerators and Freezers |
| UL 484 | (2014; Reprint Jul 2015) Standard for Room Air Conditioners |
| UL 486A-486B | (2018) UL Standard for Safety Wire Connectors |
| UL 486C | (2019) UL Standard for Safety Splicing Wire Connectors |
| UL 486E | (2015; Reprint Apr 2019) UL Standard for Safety Equipment Wiring Terminals for Use with Aluminum and/or Copper Conductors |
| UL 489 | (2016) UL Standard for Safety Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures |
| UL 497 | (2001; Reprint Jul 2013) Protectors for Paired Conductor Communication Circuits |
| UL 497B | (2004; Reprint Dec 2012) Protectors for Data Communication Circuits |
| UL 498 | (2017; Reprint Oct 2019) UL Standard for Safety Attachment Plugs and Receptacles |

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| UL 499 | (2014; Reprint Feb 2016) UL Standard for Safety Electric Heating Appliances |
| UL 506 | (2017) UL Standard for Safety Specialty Transformers |
| UL 507 | (2017; Reprint Aug 2018) UL Standard for Safety Electric Fans |
| UL 508 | (2018) UL Standard for Safety Industrial Control Equipment |
| UL 508A | (2018; Reprint Jul 2018) UL Standard for Safety Industrial Control Panels |
| UL 508C | (2002; Reprint Nov 2010) Power Conversion Equipment |
| UL 510 | (2017) UL Standard for Safety Polyvinyl Chloride, Polyethylene and Rubber Insulating Tape |
| UL 514A | (2013; Reprint Aug 2017) UL Standard for Safety Metallic Outlet Boxes |
| UL 514B | (2012; Reprint Nov 2014) Conduit, Tubing and Cable Fittings |
| UL 514C | (2014; Reprint Nov 2018) UL Standard for Safety Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers |
| UL 521 | (1999; Reprint Dec 2017) UL Standard for Safety Heat Detectors for Fire Protective Signaling Systems |
| UL 536 | (2014) Flexible Metallic Hose |
| UL 544 | (1998; R 1999) Standard for Medical and Dental Equipment |
| UL 546 | (2008) UL Outline of Investigation for Conductor Termination Compounds |
| UL 555 | (2006; Reprint Aug 2016) UL Standard for Safety Fire Dampers |
| UL 555S | (2014; Reprint Aug 2016) UL Standard for Safety Smoke Dampers |
| UL 567 | (2014; Reprint Jul 2017) UL Standard for Safety Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Petroleum Products and LP-Gas |
| UL 569 | (2013; Reprint Jul 2017) UL Standard for Safety Pigtails and Flexible Hose Connectors for LP-Gas |
| UL 574 | (2003; Reprint Sep 2019) UL Standard for Safety Electric Oil Heaters |

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| UL 580 | (2006; Reprint Mar 2019) UL Standard for Safety Tests for Uplift Resistance of Roof Assemblies |
| UL 586 | (2009; Reprint Dec 2017) UL Standard for Safety High-Efficiency Particulate, Air Filter Units |
| UL 626 | (2005; Reprint Mar 2012) 2-1/2 Gallon Stored-Pressure, Water-Type Fire Extinguishers |
| UL 634 | (2007; Reprint Mar 2015) Connectors and Switches for Use with Burglar-Alarm Systems |
| UL 636 | (2018) UL Standard for Safety Holdup Alarm Units and Systems |
| UL 639 | (2007; Reprint Nov 2019) Standard for Intrusion Detection Units |
| UL 641 | (2010; Reprint Apr 2018) UL Standard for Safety Type L Low-Temperature Venting Systems |
| UL 651 | (2011; Reprint Nov 2018) UL Standard for Safety Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings |
| UL 651A | (2011; Reprint Mar 2017) UL Standard for Safety Schedule 40 and 80 High Density Polyethylene (HDPE) Conduit |
| UL 668 | (2004; Reprint Jul 2016) UL Standard for Safety Hose Valves for Fire-Protection Service |
| UL 674 | (2011; Reprint Nov 2018) UL Standard for Safety Electric Motors and Generators for Use in Hazardous (Classified) Locations |
| UL 681 | (2014) Installation and Classification of Burglar and Holdup Alarm Systems |
| UL 705 | (2017; Reprint Oct 2018) UL Standard for Safety Power Ventilators |
| UL 710 | (2012; Reprint Mar 2017) UL Standard for Safety Exhaust Hoods for Commercial Cooking Equipment |
| UL 719 | (2015; Reprint Nov 2018) UL Standard for Safety Nonmetallic-Sheathed Cables |
| UL 723 | (2018) UL Standard for Safety Test for Surface Burning Characteristics of Building Materials |
| UL 726 | (1995; Reprint Oct 2013) Oil-Fired Boiler Assemblies |
| UL 727 | (2018) UL Standard for Safety Oil-Fired Central Furnaces |
| UL 731 | (2018) UL Standard for Safety Oil-Fired Unit Heaters |

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| UL 732 | (2018; Reprint Aug 2018) UL Standard for Safety Oil-Fired Storage Tank Water Heaters |
| UL 746C | (2018) UL Standard for Safety Polymeric Materials - Use in Electrical Equipment Evaluations |
| UL 749 | (2018) UL Standard for Safety Household Dishwashers |
| UL 752 | (2005; Reprint Dec 2015) Standard for Bullet-Resisting Equipment |
| UL 763 | (2018) UL Standard for Safety Motor-Operated Commercial Food Preparing Machines |
| UL 768 | (2006; Reprint Jul 2013) Standard for Combination Locks |
| UL 773 | (2016; Reprint Nov 2017) UL Standard for Safety Plug-In, Locking Type Photocontrols for Use with Area Lighting |
| UL 773A | (2016; Reprint May 2018) UL Standard for Safety Nonindustrial Photoelectric Switches for Lighting Control |
| UL 778 | (2016; Reprint Jan 2019) UL Standard for Safety Motor-Operated Water Pumps |
| UL 789 | (2004; Reprint May 2017) UL Standard for Safety Indicator Posts for Fire-Protection Service |
| UL 790 | (2004; Reprint Jul 2014) Standard Test Methods for Fire Tests of Roof Coverings |
| UL 795 | (2016) UL Standard for Safety Commercial-Industrial Gas Heating Equipment |
| UL 796 | (2016) UL Standard for Safety Printed-Wiring Boards |
| UL 797 | (2007; Reprint Mar 2017) UL Standard for Safety Electrical Metallic Tubing -- Steel |
| UL 810 | (1995; Reprint Aug 2014) UL Standard for Safety Capacitors |
| UL 817 | (2015; Reprint May 2017) UL Standard for Safety Cord Sets and Power-Supply Cords |
| UL 823 | (2006; Reprint Apr 2016) UL Standard for Safety Electric Heaters for Use in Hazardous (Classified) Locations |
| UL 827 | (2014; Reprint Oct 2019) UL Standard for Safety Central-Station Alarm Services |
| UL 842 | (2015; Reprint Oct 2017) UL Standard for Safety Valves for Flammable Fluids |

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| UL 844 | (2012; Reprint Mar 2019) UL Standard for Safety Luminaires for Use in Hazardous (Classified) Locations |
| UL 845 | (2005; Reprint Oct 2018) UL Standard for Safety Motor Control Centers |
| UL 854 | (2004; Reprint Nov 2014) Standard for Service-Entrance Cables |
| UL 857 | (2009; Reprint Aug 2016) UL Standard for Safety Busways |
| UL 858 | (2014; Reprint Sep 2019) UL Standard for Safety Household Electric Ranges |
| UL 860 | (2014) Pipe Unions for Flammable and Combustible Fluids and Fire-Protection Service |
| UL 864 | (2014; Reprint Mar 2018) UL Standard for Safety Control Units and Accessories for Fire Alarm Systems |
| UL 869A | (2006) Reference Standard for Service Equipment |
| UL 870 | (2016; Reprint Mar 2019) UL Standard for Safety Wireways, Auxiliary Gutters, and Associated Fittings |
| UL 873 | (2007; Reprint Feb 2015) Standard for Temperature-Indicating and -Regulating Equipment |
| UL 891 | (2005; Reprint Oct 2012) Switchboards |
| UL 900 | (2015) Standard for Air Filter Units |
| UL 913 | (2013; Reprint Mar 2019) UL Standard for Safety Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations |
| UL 916 | (2015) Standard for Energy Management Equipment |
| UL 917 | (2006; Reprint Aug 2013) UL Standard for Safety Clock-Operated Switches |
| UL 921 | (2016; Reprint Sep 2017) UL Standard for Safety Commercial Dishwashers |
| UL 923 | (2013; Reprint Feb 2019) UL Standard for Safety Microwave Cooking Appliances |
| UL 924 | (2016; Reprint May 2018) UL Standard for Safety Emergency Lighting and Power Equipment |
| UL 935 | (2001; Reprint Dec 2018) UL Standard for Safety Fluorescent-Lamp Ballasts |
| UL 943 | (2016; Reprint Feb 2018) UL Standard for Safety |

Ground-Fault Circuit-Interrupters

- UL 969 (2017; Reprint Mar 2018) UL Standard for Safety Marking and Labeling Systems
- UL 971 (1995; Reprint Mar 2006) UL Standard for Safety Nonmetallic Underground Piping for Flammable Liquids
- UL 972 (2006; Reprint Dec 2015) Standard for Burglary Resisting Glazing Material Type
- UL 984 (1996; Reprint Sep 2005) Hermetic Refrigerant Motor-Compressors
- UL 1004-1 (2012; Reprint Aug 2017) UL Standard for Safety Rotating Electrical Machines - General Requirements
- UL 1008 (2014) Transfer Switch Equipment
- UL 1012 (2010; Reprint Apr 2016) UL Standard for Safety Power Units Other than Class 2
- UL 1025 (1980; R 1990, Bul. 1991) Electric Air Heaters
- UL 1029 (1994; Reprint May 2017) UL Standard for Safety High-Intensity-Discharge Lamp Ballasts
- UL 1034 (2011; Reprint Jul 2015) Burglary-Resistant Electric Locking Mechanisms
- UL 1037 (2016; Reprint Sep 2017) UL Standard for Safety Antitheft Alarms and Devices
- UL 1042 (2009; Reprint Dec 2016) UL Standard for Safety Electric Baseboard Heating Equipment
- UL 1059 (2001; Reprint Dec 2017) UL Standard for Safety Terminal Blocks
- UL 1063 (2017) UL Standard for Safety Machine-Tool Wires and Cables
- UL 1066 (2012; Reprint Mar 2017) UL Standard for Safety Low-Voltage AC and DC Power Circuit Breakers Used in Enclosures
- UL 1067 (2011; Reprint Dec 2015) Electrically Conductive Equipment and Materials for Use in Flammable Anesthetizing Locations
- UL 1069 (2007; Reprint Jun 2018) UL Standard for Safety Hospital Signaling and Nurse Call Equipment
- UL 1072 (2006; Reprint Jun 2013) Medium-Voltage Power Cables
- UL 1076 (2018) UL Standard for Safety Proprietary Burglar Alarm Units and Systems

| | |
|---------|--|
| UL 1086 | (2016) UL Standard for Safety Household Trash Compactors |
| UL 1203 | (2013; Reprint Apr 2018) UL Standard for Safety Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations |
| UL 1236 | (2015; Reprint Mar 2016) UL Standard for Safety Battery Chargers for Charging Engine-Starter Batteries |
| UL 1242 | (2006; Reprint Mar 2014) Standard for Electrical Intermediate Metal Conduit -- Steel |
| UL 1247 | (2007; Reprint Oct 2019) Diesel Engines for Driving Stationary Fire Pumps |
| UL 1256 | (2002; Reprint Jul 2013) Fire Test of Roof Deck Constructions |
| UL 1283 | (2017) UL Standard for Safety Electromagnetic Interference Filters |
| UL 1286 | (2008; Reprint Jan 2018) UL Standard for Safety Office Furnishings |
| UL 1310 | (2018) UL Standard for Safety Class 2 Power Units |
| UL 1316 | (2018; Reprint Mar 2019) UL Standard for Safety Fiber Reinforced Underground Tanks for Flammable and Combustible Liquids |
| UL 1437 | (2006) Electrical Analog Instruments - Panel Board Types |
| UL 1449 | (2014; Reprint Jul 2017) UL Standard for Safety Surge Protective Devices |
| UL 1472 | (2015) UL Standard for Safety Solid-State Dimming Controls |
| UL 1479 | (2015) Fire Tests of Through-Penetration Firestops |
| UL 1480 | (2016; Reprint Sep 2017) UL Standard for Safety Speakers for Fire Alarm and Signaling Systems, Including Accessories |
| UL 1558 | (2016; Reprint Nov 2019) UL Standard for Safety Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear |
| UL 1561 | (2011; Reprint Jun 2015) Dry-Type General Purpose and Power Transformers |
| UL 1569 | (2018) UL Standard for Safety Metal-Clad Cables |

| | |
|---------|---|
| UL 1581 | (2001; Reprint Dec 2017) UL Standard for Safety Reference Standard for Electrical Wires, Cables, and Flexible Cords |
| UL 1598 | (2008; Reprint Oct 2012) Luminaires |
| UL 1610 | (2016) UL Standard for Safety Central-Station Burglar-Alarm Units |
| UL 1638 | (2016; Reprint Sep 2017) UL Standard for Safety Visible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories |
| UL 1660 | (2019) Liquid-Tight Flexible Nonmetallic Conduit |
| UL 1666 | (2007; Reprint Jun 2012) Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts |
| UL 1685 | (2015) UL Standard for Safety Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables |
| UL 1686 | (2012; Reprint Jan 2014) Standard for Pin and Sleeve Configurations |
| UL 1699 | (2017) UL Standard for Safety Arc-Fault Circuit-Interrupters |
| UL 1703 | (2002; Reprint Jun 2016) UL Standard for Safety Flat-Plate Photovoltaic Modules and Panels |
| UL 1738 | (2010; Reprint Nov 2014) Venting Systems for Gas-Burning Appliances, Categories II, III and IV |
| UL 1741 | (2010; Reprint Jan 2015) UL Standard for Safety Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources |
| UL 1746 | (2007; Reprint Dec 2014) External Corrosion Protection Systems for Steel Underground Storage Tanks |
| UL 1778 | (2014; Reprint Sep 2017) UL Standard for Safety Uninterruptible Power Systems |
| UL 1820 | (2004; Reprint May 2013) UL Standard for Safety Fire Test of Pneumatic Tubing for Flame and Smoke Characteristics |
| UL 1863 | (2004; Reprint Oct 2019) UL Standard for Safety Communication Circuit Accessories |
| UL 1951 | (2011; Reprint Aug 2017) UL Standard for Safety Electric Plumbing Accessories |

| | |
|-----------|---|
| UL 1971 | (2002; Reprint Oct 2008) Signaling Devices for the Hearing Impaired |
| UL 1981 | (2014; Reprint Nov 2019) Standard for Central Station Automation Systems |
| UL 1995 | (2015) UL Standard for Safety Heating and Cooling Equipment |
| UL 1996 | (2009; Reprint Jul 2016) UL Standard for Safety Electric Duct Heaters |
| UL 2017 | (2008; Reprint Dec 2018) UL Standard for Safety General-Purpose Signaling Devices and Systems |
| UL 2021 | (2015; Reprint Dec 2016) UL Standard for Safety Fixed and Location-Dedicated Electric Room Heaters |
| UL 2034 | (2017; Reprint Sep 2018) UL Standard for Safety Single and Multiple Station Carbon Monoxide Alarms |
| UL 2043 | (2013) Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces |
| UL 2050 | (2003; 4th Edition) Standard for National Industrial Security Systems for the Protection of Classified Materials (limited distribution publication, direct purchase request with justification to UL) |
| UL 2079 | (2004; Reprint Dec 2014) Tests for Fire Resistance of Building Joint Systems |
| UL 2085 | (1997; Reprint Sep 2010) Protected Aboveground Tanks for Flammable and Combustible Liquids |
| UL 2127 | (2017, Reprint Oct 2019) UL Standard for Safety Inert Gas Clean Agent Extinguishing System Units |
| UL 2129 | (2017) UL Standard for Safety Halocarbon Clean Agent Fire Extinguishers |
| UL 2166 | (2017; Reprint Oct 2019) UL Standard for Safety Halocarbon Clean Agent Extinguishing System Units |
| UL 2202 | (2012; Reprint Feb 2018) UL Standard for Safety Electric Vehicle (EV) Charging System Equipment |
| UL 2218 | (2010; Reprint Jan 2018) UL Standard for Safety Impact Resistance of Prepared Roof Covering Materials |
| UL 2231-1 | (2012; Reprint Aug 2016) UL Standard for Safety Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits: General Requirements |

| | |
|--------------------------|--|
| UL 2231-2 | (2012; Reprint Aug 2016) UL Standard for Safety Personnel Protection Systems for Electrical Vehicle (EV) Supply Circuits: Particular Requirements for Protection Devices for Use in Charging Systems |
| UL 2251 | (2017) UL Standard for Safety Plugs, Receptacles and Couplers for Electric Vehicles |
| UL 2556 | (2015) UL Standard for Safety Wire and Cable Test Methods |
| UL 2594 | (2016) UL Standard for Safety Electric Vehicle Supply Equipment |
| UL 2703 | (2015) UL Standard for Safety Mounting Systems, Mounting Devices, Clamping/Retention Devices, And Ground Lugs For Use With Flat-Plate Photovoltaic Modules And Panels |
| UL 2818 | (2013) GREENGUARD Certification Program For Chemical Emissions For Building Materials, Finishes And Furnishings |
| UL 4248-1 | (2017) UL Standard for Safety Fuseholders - Part 1: General Requirements |
| UL 4248-12 | (2018) UL Standard for Safety Fuseholders - Part 12: Class R |
| UL 5085-3 | (2006; Reprint Nov 2012) Low Voltage Transformers - Part 3: Class 2 and Class 3 Transformers |
| UL 8750 | (2015; Reprint Oct 2019) UL Standard for Safety Light Emitting Diode (LED) Equipment for Use in Lighting Products |
| UL 60601-1 | (2003; Reprint Apr 2006) Medical Electrical Equipment, Part 1: General Requirements for Safety |
| UL 60950 | (2000; Reprint Oct 2007) Safety of Information Technology Equipment |
| UL Bld Mat Dir | (updated continuously online) Building Materials Directory |
| UL Elec Equip Dir | (2011) Electrical Appliance and Utilization Equipment Directory |
| UL Electrical Appliance | (2012) Electrical Appliance and Utilization Equipment Directory |
| UL Electrical Constructi | (2012) Electrical Construction Equipment Directory |
| UL FLAMMABLE & COMBUSTIB | (2012) Flammable and Combustible Liquids and Gases Equipment Directory |
| UL Fire Prot Dir | (2012) Fire Protection Equipment Directory |

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|--------------------|--|
| UL Fire Resistance | (2014) Fire Resistance Directory |
| UL MEAPD | (2011) Mechanical Equipment and Associated Products Directory (online version is listed under Certifications at www.ul.com) |
| UL RMSD | (2012) Roofing Materials and Systems Directory |
| UL Subject 3703 | (2011; Edition 2014) Outline of Investigation for Solar Trackers |

UNDERWRITERS LABORATORIES OF CANADA (ULC)

| | |
|------------|--|
| ULC S705.2 | (2005) Standard for Thermal Insulation - Spray Applied Rigid Polyurethane Foam, Medium Density - Application |
|------------|--|

UNI-BELL PVC PIPE ASSOCIATION (UBPPA)

| | |
|------------------|--|
| UBPPA UNI-B-6 | (1998) Recommended Practice for Low-Pressure Air Testing of Installed Sewer Pipe |
| UBPPA UNI-PUB-08 | (2016) Tapping Guide for PVC Pressure Pipe |

VIBRATION ISOLATION AND SEISMIC CONTROL MANUFACTURERS ASSOCIATION (VISCMA)

| | |
|------------|---|
| VISCMA 412 | (2014) Installing Seismic Restraints for Mechanical Equipment |
|------------|---|

WASHINGTON STATE ADMINISTRATIVE CODE (WAC)

| | |
|---------------------|---|
| WAC-173-60 | Maximum Environmental Noise Levels |
| WAC-173-160 | Minimum Standards for Construction and Maintenance of Wells |
| WAC-173-303 | Washington Dangerous Waste Regulations |
| WAC-173-303-330 | Personnel Training |
| WAC-173-303-573 | Standards for Universal Waste Management |
| WAC-173-303-573 (2) | Standards for Universal Waste Management - Batteries |
| WAC-173-303-573 (3) | Standards for Universal Waste Management - Mercury-containing Equipment |
| WAC-173-303-573 (5) | Standards for Universal Waste Management - Lamps |
| WAC-173-350 | Solid Waste Handling Standards |
| WAC-222-30 | Timber Harvesting |
| WAC-246-290 | Department of Health Drinking Water Regulation |

WASHINGTON STATE DEPARTMENT OF ECOLOGY (WSDE)

WSDE SMM (2014) Washington State Stormwater Management Manual for Western Washington

WATER ENVIRONMENT FEDERATION (WEF)

WEF MOP 11 (2017) Operation of Water Resource Recovery Facilities

WATER QUALITY ASSOCIATION (WQA)

WQA S-100 (2000) Household, Commercial, and Portable Exchange Cation Exchange Water Softeners

WEST COAST LUMBER INSPECTION BUREAU (WCLIB)

WCLIB 17 (2015) Standard Grading Rules

WESTERN WOOD PRESERVERS INSTITUTE (WWPI)

WWPI Mgt Practices (1996; R 2011) Best Management Practices for the Use of Treated Wood in Aquatic and Wetland Environments

WESTERN WOOD PRODUCTS ASSOCIATION (WWPA)

WWPA G-5 (2017) Western Lumber Grading Rules

WWPA Tech Guide (2005) Lumber Technical Guide, Standards and Grading

WINDOW AND DOOR MANUFACTURERS ASSOCIATION (WDMA)

ANSI/WDMA I.S.1A (2013) Interior Architectural Wood Flush Doors

ANSI/WDMA I.S.6A (2013) Interior Architectural Stile and Rail Doors

WDMA I.S.4 (2015A) Preservative Treatment for Millwork

WIRE ROPE TECHNICAL BOARD (WRTB)

WRTB (2005) Wire Rope Users Manual

WOOD MOULDING AND MILLWORK PRODUCERS ASSOCIATION (WMMPA)

WMMPA WM 6 (2007) Quality Industry Standards Booklet

WOODWORK INSTITUTE (WI)

NAAWS 3.1 (2017; 2018 Errata Edition) North American Architectural Woodwork Standards

WOOLMARK COMPANY (WBI)

Woolmark (1964) Certification for 100 Percent Pure New Wool