

---

**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 S1.11 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 S1.4 (1983; Amendment 1985; R 2006) Specification for Sound Level Meters (ASA 47)
- 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
- ASA S2.71 (1983; R 2006) Guide to the Evaluation of Human Exposure to Vibration in Buildings
- ASA S3.1 (1999; R 2013) 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)

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 DIFFUSION COUNCIL (ADC)

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

AIR MOVEMENT AND CONTROL ASSOCIATION INTERNATIONAL (AMCA)

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 (2012) 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 (2002; R 2008) Industrial Process/Power Generation Fans: Establishing Performance Using Laboratory Models

AMCA 99 (2016) Standards Handbook

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

AMCA CRP (Online) Directory of Products Licensed Under the AMCA International Certified Ratings Program

AIR-CONDITIONING, HEATING AND REFRIGERATION INSTITUTE (AHRI)

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 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 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	(2008) 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; 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 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 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 501.4 & 501.6	(2009) Recommended Static Test Method for Evaluating Curtain Wall and Storefront Systems



Subjected to Seismic and Wind Induced Interstory Drifts & Recommended Dynamic Test Method for Determining the Seismic Drift Causing Glass Fallout from a Wall System

- 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 902 (2016) Voluntary Specification for Sash Balances
- AAMA CW-10 (2015) Care and Handling of Architectural Aluminum from Shop to Site
- AAMA MCWM-1 (1989) Metal Curtain Wall Manual
- 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 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 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 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 30	(2002; R 2010) Standard Specification for Zinc-Coated Steel Wire Rope and Fittings for Highway Guardrail
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 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 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 RSDG-4	(2011; Errata 1 2012; Errata 2 2015) Roadside Design Guide

AASHTO SDDP-1-OL	(2003) Shop Detail Drawing Presentation Guidelines
AASHTO T 102	(2009; R 2013) Standard Method of Test for Spot Test of Asphaltic Materials
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 111	(2011; R 2015) Standard Method of Test for Mineral Matter or Ash in Asphalt 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 2013) 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 27	(2014) Standard Method of Test for Sieve Analysis of Fine and Coarse Aggregates
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 312	2015 Standard Method of Test for Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor

AASHTO T 329 (2015) Standard Test Method for Moisture Content of Hot Mix Asphalt (HMA) by Oven Method

AASHTO T 40 (2002; R 2006) Sampling Bituminous Materials

AASHTO T 88 (2013) Standard Method of Test for Particle Size Analysis of Soils

AMERICAN ASSOCIATION OF TEXTILE CHEMISTS AND COLORISTS (AATCC)

AATCC 107 (2013) Colorfastness to Water

AATCC 134 (2016) Electrostatic Propensity of Carpets

AATCC 16 (2004; E 2008; E 2010) Colorfastness to Light

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 11 (2014) Load Ratings and Fatigue Life for Roller Bearings

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

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 (2017, CORR 1 2017; Notice 1 2017) Rules for Building and Classing Steel Vessels

AMERICAN CONCRETE INSTITUTE INTERNATIONAL (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 303R	(2012) Guide to Cast-In-Place Architectural Concrete Practice
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 364.3R	(2009) Guide for Cementitious Repair Material Data Sheet
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) 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 548.10	(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 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 551.1R	(2014) Tilt-up Concrete Construction Guide
ACI C-21	(1992) Elevated Slabs
ACI CP-50	(2007) Tilt-Up Supervisor & Technician Reference Guide
ACI MCP SET	(2017) Manual of Concrete Practice



ACI SP-15 (2011) Field Reference Manual: Standard Specifications for Structural Concrete ACI 301-05 with Selected ACI References

ACI SP-2 (2007; Abstract: 10th Edition) ACI Manual of Concrete Inspection

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 (2000) 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 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 (2016) 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 908 (1989B; R 1999) Information Sheet: Geometry Factors for Determining the Pitting Resistance and Bending Strength of Spur, Helical and Herringbone Gear Teeth

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 2011	(2014B) Cylindrical Wormgearing Tolerance 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 2011) 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 2005) 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 Z88.6	(2006) Respiratory Protection - Respirator Use-Physical Qualifications for Personnel
AIHA Z9.3	(2007) Spray Finishing Operations - Safety Code for Design, Construction and Ventilation

## AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)

AISC 201 (2006) AISC Certification Program for Structural Steel Fabricators

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

AISC 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) Standard for Fixed Ladders and 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 B11/STD B11.0 (2010) Safety of Machinery - General Requirements and Risk Assessment

ANSI B11/STD B11.19	(2010) Machines - Performance Criteria for Safeguarding
ANSI C12.1	(2008) Electric Meters Code for Electricity Metering
ANSI C135.14	(1979) Staples with Rolled or Slash Points for Overhead Line Construction
ANSI C39.1	(1981; R 1992) Requirements for Electrical Analog Indicating Instruments
ANSI C57.12.13	(1982) Conformance Requirements for Liquid-Filled Transformers
ANSI INCITS 154	(1988; R 2004) Office Machines and Supplies - Alphanumeric Machines - Keyboard Arrangement
ANSI Z21.1	(2010; Addenda A 2011; Addenda B 2012) 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 2014) Manually Operated Gas Valves for Appliances, Appliance Connector Valves and Hose End Valves
ANSI Z21.18/CSA 6.3	(2007; Addenda A 2010; Addenda B 2012; R 2013) 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) 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 (2011; Addenda A 2012; R 2016) Line Pressure Regulators

ANSI Z21.86/CSA 2.32 (2016) Vented Gas-Fired Space Heating Appliances

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 Z83.19/CSA 2.35 (2017) Gas-Fired High-Intensity Infrared Heaters

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 Z97.1 (2015) Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test

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) Piping Inspection Code: In-Service Inspection, Rating, Repair, and Alteration of Piping Systems

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 2013) 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 2008) 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 2009) 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 1110	(2013) Pressure Testing of Steel Pipelines for the Transportation of Gas, Petroleum Gas, Hazardous Liquids, Highly Volatile Liquids or Carbon Dioxide
API RP 1130	(2007) Computational Pipeline Monitoring for Liquid Pipelines
API RP 13B-1	(2009; R 2016) Recommended Practice for Field Testing Water-Based Drilling Fluids
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 2219	(2016) Safe Operation of Vacuum Trucks Handling Flammable and Combustible Liquids in Petroleum Service
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 582	(2016) Welding Guidelines for the Chemical, Oil, and Gas Industries
API RP 686	(2009) Recommended Practice for Machinery Installation and Installation Design
API STD 2217A	(2017) Safe Work in Inert Confined Spaces in the Petroleum and Petrochemical Industries
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 682	(2014) Pumps Shaft Sealing Systems For Centrifugal and Rotary Pumps
API Spec 13A	(2010; Errata 1 2014; Errata 2-3 2015) Specification for Drilling-Fluid Materials
API Spec 15LR	(2001; R 2013) Specification for Low Pressure Fiberglass Line Pipe and Fittings
API Spec 5CT	(2011; Errata 1 2012; Errata 2 2016) Specification for Casing and Tubing
API Spec 5L	(2012; ERTA 2015) Specification for Line Pipe
API Spec 6D	(2014; Errata 1-2 2014; Errata 3-6 2015; ADD 1 2015; ADD 2 2016; Errata 7-8 2016; Errata 9 2017) 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 Std 1104	(2013; Errata 1-3 2014; Addendum 1 2014; Errata 4 2015; Addendum 2 2016) Welding of Pipeline and Related Facilities
API Std 1631	(2001; R 2010) Interior Lining and Periodic Inspection of Underground Storage Tanks
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
API Std 594	(2017) Check Valves: Flanged, Lug, Wafer and Butt-Welding
API Std 598	(2009) Valve Inspecting and Testing
API Std 607	(2016) Testing of Valves: Fire Test for Soft-Seated Quarter-Turn Valves
API Std 609	(2016; ERTA 2017) Butterfly Valves: Double Flanged, Lug-and-Wafer Type
API Std 610	(2010; Errata 2011) Centrifugal Pumps for Petroleum, Petrochemical, and Natural Gas Industries
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) Welded Tanks for Oil Storage
- API Std 653 (2014) 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

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 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 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 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 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 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 150 (2000; R 2014) Method of Testing the Performance of Cool Storage Systems

ASHRAE 17 (2015) Method of Testing Capacity of Thermostatic Refrigerant Expansion Valves

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) Commissioning Process for Buildings and Systems
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 (2007; Addendum B 2010) Energy Efficient Design of Low-Rise Residential Buildings

ASHRAE 93 (2010; Errata 2013; 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 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 (2016) 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 SAFETY ENGINEERS (ASSE/SAFE)

ASSE/SAFE A10.22 (2007; R 2017) Safety Requirements for Rope-Guided and Non-Guided Workers' Hoists

ASSE/SAFE A10.24 (2014) Roofing - Safety Requirements of Low-Sloped Roofs

ASSE/SAFE A10.3 (2013) Operations - Safety Requirements for Powder Actuated Fastening Systems

ASSE/SAFE A10.34 (2001; R 2012) Protection of the Public on or Adjacent to Construction Sites

ASSE/SAFE A10.44 (2014) Control of Energy Sources (Lockout/Tagout) for Construction and Demolition Operations

ASSE/SAFE A10.6 (2006) Safety Requirements for Demolition Operations

ASSE/SAFE A1264.1 (2017) Safety Requirements for Workplace Walking/Working Surfaces and Their Access; Workplace, Floor, Wall and Roof Openings; Stairs and Guardrail/Handrail Systems

ASSE/SAFE Z244.1 (2003; R 2014) Control of Hazardous Energy

Lockout/Tagout and Alternative Methods

- ASSE/SAFE Z359 (2013) Fall Protection Code
- ASSE/SAFE Z359.0 (2012) Definitions and Nomenclature Used for Fall Protection and Fall Arrest
- ASSE/SAFE Z359.1 (2016) The Fall Protection Code
- ASSE/SAFE Z359.11 (2014) Safety Requirements for Full Body Harnesses
- ASSE/SAFE Z359.12 (2009) Connecting Components for Personal Fall Arrest Systems
- ASSE/SAFE Z359.13 (2013) Personal Energy Absorbers and Energy Absorbing Lanyards
- ASSE/SAFE Z359.14 (2014) Safety Requirements for Self-Retracting Devices for Personal Fall Arrest and Rescue Systems
- ASSE/SAFE Z359.15 (2014) Safety Requirements for Single Anchor Lifelines and Fall Arresters for Personal Fall Arrest Systems
- ASSE/SAFE Z359.16 (2016) Safety Requirements for Climbing Ladder Fall Arrest Systems
- ASSE/SAFE Z359.2 (2017) Minimum Requirements for a Comprehensive Managed Fall Protection Program
- ASSE/SAFE Z359.3 (2017) Safety Requirements for Lanyards and Positioning Lanyards
- ASSE/SAFE Z359.4 (2013) Safety Requirements for Assisted-Rescue and Self-Rescue Systems, Subsystems and Components
- ASSE/SAFE Z359.6 (2016) Specifications and Design Requirements for Active Fall Protection Systems
- ASSE/SAFE Z359.7 (2011) Qualification and Verification Testing of Fall Protection Products
- ASSE/SAFE Z490.1 (2016) Criteria for Accepted Practices in Safety, Health, and Environmental Training
- ASSE/SAFE Z88.2 (2015) American National Standard Practices for Respiratory Protection
- ASSE/SAFE Z9.2 (2012) Fundamentals Governing the Design and Operation of Local Exhaust Ventilation Systems

AMERICAN SOCIETY OF SANITARY ENGINEERING (ASSE)

- 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)
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)

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
AWWA 10084	(2017) Standard Methods for the Examination of Water and Wastewater
AWWA A100	(2015) Water Wells
AWWA B100	(2016; Errata 2017) Granular Filter Material
AWWA B201	(2013) Soda Ash
AWWA B300	(2010; Addenda 2011) Hypochlorites
AWWA B301	(2010) Liquid Chlorine
AWWA B302	(2016) Ammonium Sulfate
AWWA B303	(2010) 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	(2012) Liquid Ferric Chloride
AWWA B408	(2010) 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
AWWA B602	(2017) Copper Sulfate
AWWA B603	(2016) Permanganates
AWWA B604	(2012) 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	(2011) 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	(2012) 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	(2013) Standard for Steel Pipe Flanges for Waterworks Service-Sizes 100 mm through 3600 mm 4 in. through 144 in.

- AWWA C208 (2017) Dimensions for Fabricated Steel Water Pipe Fittings
- 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 (2014) Dry-Barrel Fire Hydrants
- AWWA C503 (2014) 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
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 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 (PVCO) 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

- 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 (PVCO) 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 (2009) Thermosetting Fiberglass-Reinforced Plastic Tanks
- AWWA E103 (2015) Horizontal and Vertical Line-Shaft Pumps
- 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

- AWWA M6 (2012) Water Meters - Selection, Installation, Testing, and Maintenance
- AWWA M9 (2008; Errata 2013) Manual: Concrete Pressure Pipe

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 A5.10/A5.10M (2017) Welding Consumables - Wire Electrodes, Wires and Rods for Welding of Aluminum and Aluminum-Alloys - Classification
- AWS A5.11/A5.11M (2010) 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) Carbon Steel Filler Metals 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 A5.3/A5.3M (1999; R 2007) Specification for Aluminum and Aluminum-Alloy Electrodes for Shielded Metal Arc Welding
- AWS A5.32/A5.32M (2011) Specification for Welding Shielding Gases
- AWS A5.36/A5.36M (2016) Specification for Carbon and Low-Alloy Steel Flux Cored Electrodes for Flux Cored Arc Welding and Metal Cored Electrodes for Gas 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 (2011; Amendment 2012) 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 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	(2009) Structural Welding Code-Seismic Supplement
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 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 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 D9.1M/D9.1** (2018) Sheet Metal Welding Code
- 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-4.8** (1998) Welding Handbook, Volume 4 - Materials and Applications Part 2
- 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 C18** (2003) Standard For Pressure Treated Material in Marine Construction
- AWPA C2** (2003) Lumber, Timber, Bridge Ties and Mine Ties - Preservative Treatment by Pressure Processes
- 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 C4	(2003) Poles - Preservative Treatment 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 P18	(2014) Nonpressure Preservatives
AWPA P2	(2016) Standard for Creosote Solutions
AWPA P3	(2014) Standard for Creosote - Petroleum Oil Solution
AWPA P34	(2014) Standard for Copper Naphthenate, Waterbone (CuN-W)
AWPA P49	(2015) Standard for Fire Retardant FR-1
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 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

ARCHITECTURAL WOODWORK INSTITUTE (AWI)

AWI AWS	(2nd Edition) Architectural Woodwork Standards
---------	--

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.)

ASME INTERNATIONAL (ASME)

ASME A112.1.2	(2012; R 2017) Air Gaps in Plumbing Systems (For Plumbing Fixtures and Water-Connected Receptors)
ASME A112.14.1	(2003; R 2017) Backwater Valves
ASME A112.18.1/CSA B125.	(2012; R 2017) Plumbing Supply Fittings
ASME A112.19.1/CSA B45.2	(2013) Enameled Cast Iron and Enameled Steel Plumbing Fixtures
ASME A112.19.17	(2010) Manufactured Safety Vacuum Release Systems (SVRS) for Residential and Commercial Swimming Pool, Spa, Hot Tub, and Wading Pool Suction Systems
ASME A112.19.2/CSA B45.1	(2013) 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 A112.36.2M	(1991; R 2017) Cleanouts
ASME A112.6.1M	(1997; R 2017) Floor Affixed Supports for Off-the-Floor Plumbing Fixtures for Public Use
ASME A112.6.3	(2016) Standard for Floor and Trench Drains
ASME A112.6.4	(2003; R 2012) Roof, Deck and Balcony Drains
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 AG-1	(2017) Code on Nuclear Air and Gas Treatment
ASME B1.1	(2003; R 2008) 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) 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 B16.1	(2015) Gray Iron Pipe Flanges and Flanged Fittings Classes 25, 125, and 250
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	(2009; R 2014) Cast Iron Threaded Drainage Fittings
ASME B16.15	(2013) Cast Copper Alloy Threaded Fittings Classes 125 and 250
ASME B16.18	(2012) Cast Copper Alloy Solder Joint Pressure Fittings
ASME B16.20	(2017) Metallic Gaskets for Pipe Flanges
ASME B16.21	(2011) Nonmetallic Flat Gaskets for Pipe Flanges
ASME B16.22	(2013) 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	(2013) 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 B16.3	(2011) Malleable Iron Threaded Fittings, Classes 150 and 300
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
ASME B16.39	(2014) Standard for Malleable Iron Threaded Pipe Unions; Classes 150, 250, and 300
ASME B16.4	(2011) Standard for Gray Iron Threaded Fittings; Classes 125 and 250
ASME B16.40	(2013) Manually Operated Thermoplastic Gas Shutoffs and Valves in Gas Distribution Systems
ASME B16.42	(2011) Ductile Iron Pipe Flanges and Flanged Fittings, Classes 150 and 300
ASME B16.5	(2017) Pipe Flanges and Flanged Fittings NPS 1/2 Through NPS 24 Metric/Inch Standard
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 B16.9	(2012) Standard for Factory-Made Wrought Steel Buttwelding Fittings
ASME B17.1	(1967; R 2017) Keys and Keyseats
ASME B17.2	(1967; R 2017) Woodruff Keys and Keyseats
ASME B18.13	(1996; Addenda A 1998; R 2013) Screw and Washer Assemblies - Sems (Inch Series)
ASME B18.13.1M	(2011; R 2016) Screw and Washer Assemblies: SEMS (Metric Series)
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 B18.21.1	(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 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

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 2013) Combination, "H" Type Mill Chains, and Sprockets

ASME B30.10 (2014) 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)

ASME B30.2 (2017) Overhead and Gantry Cranes (Top Running Bridge, Single or Multiple Girder, Top Running

	Trolley Hoist)
ASME B30.20	(2013; INT Oct 2010 - May 2012) 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 B30.3	(2016) Tower Cranes
ASME B30.5	(2014) Mobile and Locomotive Cranes
ASME B30.7	(2011) Winches
ASME B30.8	(2015) Floating Cranes and Floating Derricks
ASME B30.9	(2014; INT Feb 2011 - Nov 2013) Slings
ASME B31.1	(2016; Errata 2016) Power Piping
ASME B31.3	(2016) Process Piping
ASME B31.4	(2016) Pipeline Transportation Systems for Liquid Hydrocarbons and Other Liquid
ASME B31.5	(2016) Refrigeration Piping and Heat Transfer Components
ASME B31.8	(2014; Supplement 2014) 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 B4.1	(1967; R 2009) Preferred Limits and Fits for Cylindrical Parts
ASME B4.2	(1978; R 2009) Preferred Metric Limits and Fits
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	(2010) BPVC Section I-Rules for Construction of Power Boilers
ASME BPVC SEC II-A	(2010) BPVC Section II-Materials-Part A-Ferrous Materials Specifications
ASME BPVC SEC II-C	(2010) BPVC Section II-Materials Part C-Specifications for Welding Rods Electrodes and Filler Metals
ASME BPVC SEC IV	(2010) BPVC Section IV-Rules for Construction of Heating Boilers
ASME BPVC SEC IX	(2010) BPVC Section IX-Welding and Brazing Qualifications
ASME BPVC SEC V	(2010) BPVC Section V-Nondestructive Examination
ASME BPVC SEC VI	(2015) BPVC Section VI-Recommended Rules for the Care and Operation of Heating Boilers
ASME BPVC SEC VII	(2010) 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	(2015) BPVC Section VIII-Rules for Construction of Pressure Vessels Division 1
ASME BPVC SEC VIII D2	(2010) 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.

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 19.10 (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 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 25 (2014) Pressure Relief Devices

ASME PTC 38 (1980; R 1985) Determining the Concentration of Particulate Matter in a Gas Stream

ASME PTC 4 (2013) Fired Steam Generators

ASME PTC 9 (1970; R 1997) Displacement Compressors, Vacuum Pumps and Blowers (for historical reference only)

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 (2018) Steel - Piping, Tubing, Fittings

ASTM A1 (2000; R 2010) Standard Specification for Carbon Steel Tee Rails

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	(2017a) 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 A1023/A1023M	(2015) Standard Specification for Stranded Carbon Steel Wire Ropes for General Purposes
ASTM A1035/A1035M	(2016a) Standard Specification for Deformed and Plain, Low-carbon, Chromium, Steel Bars for Concrete Reinforcement
ASTM A105/A105M	(2014) Standard Specification for Carbon Steel Forgings for Piping Applications
ASTM A1055/A1055M	(2016) Standard Specification for Zinc and Epoxy Dual Coated Steel Reinforcing Bars
ASTM A106/A106M	(2014) Standard Specification for Seamless Carbon Steel Pipe for High-Temperature Service
ASTM A1064/A1064M	(2017) Standard Specification for Carbon-Steel Wire and Welded Wire Reinforcement, Plain and Deformed, for Concrete
ASTM A108	(2013) Standard Specification for Steel Bar, Carbon and Alloy, Cold-Finished
ASTM A1085	(2013) Standard Specification for Cold-Formed Welded Carbon Steel Hollow Structural Sections (HSS)
ASTM A109/A109M	(2016) 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 2014) 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	(1996; R 2012) 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	(2017) 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	(2017) 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	(2016) Standard Specification for Alloy-Steel and Stainless Steel Bolting Materials for High-Temperature Service and Other Special Purpose Applications
ASTM A194/A194M	(2017a) 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 2015) Standard Specification for Cupola Malleable Iron
ASTM A20/A20M	(2017) Standard Specification for General Requirements for Steel Plates for Pressure Vessels
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 2014) 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	(2017) Standard Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Moderate and High Temperature Service
ASTM A239	(2014) Standard Practice for Locating the Thinnest Spot in a Zinc (Galvanized) Coating on Iron or Steel Articles
ASTM A240/A240M	(2017) Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications
ASTM A242/A242M	(2013) Standard Specification for High-Strength Low-Alloy Structural Steel
ASTM A249/A249M	(2016a) 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) Standard Specification for Stainless Chromium Steel-Clad Plate
ASTM A264	(2011) 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	(2013) 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	(2015a) Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service
ASTM A27/A27M	(2017) Standard Specification for Steel Castings, Carbon, for General Application
ASTM A270/A270M	(2015) Standard Specification for Seamless and Welded Austenitic Stainless Steel Sanitary Tubing
ASTM A275/A275M	(2015) Standard Test Method 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 A29/A29M	(2016) Standard Specification for General Requirements for Steel Bars, Carbon and Alloy, Hot-Wrought
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	(2017) 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	(2017) 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	(2013a) 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	(2015) Standard Specification for Alloy Steel Forgings for Pressure and High-Temperature Parts
ASTM A345	(2014) 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 (2016) Standard Specification for Castings, Austenitic, for Pressure-Containing Parts
- ASTM A352/A352M (2017) Standard Specification for Steel Castings, Ferritic and Martensitic, for Pressure-Containing Parts, Suitable for Low-Temperature Service
- ASTM A354 (2017; E 2017) 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 (2014a) Standard Specification for Electric-Fusion-Welded Austenitic Chromium-Nickel Stainless Steel Pipe for High-Temperature Service and General Applications
- ASTM A36/A36M (2014) Standard Specification for Carbon Structural Steel
- ASTM A366/A366M (1997e1) Standard Specification for Commercial Steel (CS) Sheet, Carbon, (0.15 Maximum Percent) Cold-Rolled
- ASTM A368 (1995; R 2013) Standard Specification for Stainless Steel Wire Strand
- ASTM A370 (2017a) Standard Test Methods and Definitions for Mechanical Testing of Steel Products
- ASTM A376/A376M (2017) 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 2014) Standard Specification for Ferritic Ductile Iron Pressure-Retaining Castings for Use at Elevated Temperatures
- ASTM A403/A403M (2016) Standard Specification for Wrought

## Austenitic Stainless Steel Piping Fittings

ASTM A416/A416M	(2017a) Standard Specification for Low-Relaxation, Seven-Wire for Prestressed Concrete
ASTM A420/A420M	(2016) 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	(2009; R 2014) Standard Specification for Seamless and Electric-Welded Low-Alloy Steel Tubes
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	(2015) 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 A47/A47M	(1999; R 2014) Standard Specification for Ferritic Malleable Iron Castings
ASTM A473	(2017a) Standard Specification for Stainless Steel Forgings
ASTM A475	(2003; R 2014) Standard Specification for Zinc-Coated Steel Wire Strand
ASTM A478	(1997; R 2013) Standard Specification for Chromium-Nickel Stainless Steel Weaving and Knitting Wire
ASTM A479/A479M	(2018) Standard Specification for Stainless Steel Bars and Shapes for Use in Boilers and Other



Pressure Vessels

ASTM A48/A48M	(2003; R 2012) Standard Specification for Gray Iron Castings
ASTM A480/A480M	(2017) Standard Specification for General Requirements for Flat-Rolled Stainless and Heat-Resisting Steel Plate, Sheet, and Strip
ASTM A484/A484M	(2018) 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	(2012) Standard Specification for Carbon Steel Lifting Eyes
ASTM A49	(2012) Standard Specification for Heat Treated Carbon Steel Joint Bars, Microalloyed Joint Bars and Forged Carbon Steel Compromise Joint Bars
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 2013) 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	(2013) 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	(2014) 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	(2015) Standard Specification for Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing

ASTM A514/A514M	(2014) 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 2012) 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
ASTM A53/A53M	(2012) Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless
ASTM A530/A530M	(2012) Standard Specification for General Requirements for Specialized Carbon and Alloy Steel Pipe
ASTM A532/A532M	(2010; R 2014) 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	(2013; E 2017) Standard Specification for Hot-Rolled and Cold-Finished Age-Hardening Stainless Steel Bars and Shapes

ASTM A568/A568M	(2017a) Standard Specification for Steel, Sheet, Carbon, Structural, and High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled, General Requirements for
ASTM A572/A572M	(2015) 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	(2016) Standard Specification for Stainless Steel Wire
ASTM A582/A582M	(2012; R 2017) Standard Specification for Free-Machining Stainless Steel Bars
ASTM A586	(2004a; R 2014) Standard Specification for Zinc-Coated Parallel and Helical Steel Wire Structural Strand and Zinc-Coated Wire for Spun-In-Place Structural Strand
ASTM A587	(1996; R 2012) Standard Specification for Electric-Resistance-Welded Low-Carbon Steel Pipe for the Chemical Industry
ASTM A588/A588M	(2015) Standard Specification for High-Strength Low-Alloy Structural Steel with 50 ksi (345 MPa) Minimum Yield Point, with Atmospheric Corrosion Resistance
ASTM A6/A6M	(2017a) Standard Specification for General Requirements for Rolled Structural Steel Bars, Plates, Shapes, and Sheet Piling
ASTM A603	(1998; R 2014) Standard Specification for Zinc-Coated Steel Structural Wire Rope
ASTM A606/A606M	(2009a) 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) Standard Specification 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 (2009a; R 2014) Standard Specification for Zinc-Coated (Galvanized) Carbon Steel Wire
- ASTM A648 (2012) Standard Specification for Steel Wire, Hard Drawn for Prestressing Concrete Pipe
- ASTM A653/A653M (2017) 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 Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate and Flat Bar
- ASTM A667/A667M (1987; R 2012) 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) 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	(2014) Standard Specification for Forged Carbon and Alloy Steel Flanges for Low-Temperature Service
ASTM A709/A709M	(2017) Standard Specification for Structural Steel for Bridges
ASTM A716	(2008; R 2014) 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	(2013) Standard Specification for Welded and Seamless Carbon Steel and Austenitic Stainless Steel Pipe Nipples
ASTM A74	(2017) Standard Specification for Cast Iron Soil Pipe and Fittings
ASTM A742/A742M	(2013) Standard Specification for Steel Sheet, Metallic Coated and Polymer Precoated for Corrugated Steel Pipe
ASTM A743/A743M	(2017) 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	(2009; R 2014) Standard Specification for Ductile Iron Gravity Sewer Pipe
ASTM A755/A755M	(2016; E 2016) 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	(20015) 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
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) Standard Specification for Single- or Double-Welded Austenitic Stainless Steel Pipe
ASTM A814/A814M	(20015) 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 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 (2004; R 2017) 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

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 (2014) 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 (2017a) Standard Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Applications

ASTM A90/A90M	(2013) Standard Test Method for Weight [Mass] of Coating on Iron and Steel Articles with Zinc or Zinc-Alloy Coatings
ASTM A924/A924M	(2017a) Standard Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process
ASTM A929/A929M	(2017) 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	(2018) Standard Specification for Deformed and Plain Stainless-Steel Bars for Concrete Reinforcement
ASTM A961/A961M	(2016a) 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
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	(2014a) Standard Specification for Castings, Iron-Nickel-Chromium and Nickel Alloys, Specially Controlled for Pressure Retaining Parts for Corrosive Service
ASTM A992/A992M	(2011) Standard Specification for Structural Steel Shapes
ASTM A996/A996M	(2016) Standard Specification for Rail-Steel and



	Axle-Steel Deformed Bars for Concrete Reinforcement
ASTM B1	(2013) Standard Specification for Hard-Drawn Copper Wire
ASTM B101	(2012) Standard Specification for Lead-Coated Copper Sheet and Strip for Building Construction
ASTM B103/B103M	(2015) Standard Specification for Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar
ASTM B108/B108M	(2015) Standard Specification for Aluminum-Alloy Permanent Mold Castings
ASTM B111/B111M	(2011) 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 Leaded Brass Plate, Sheet, Strip, and Rolled Bar
ASTM B124/B124M	(2017) Standard Specification for Copper and Copper Alloy Forging Rod, Bar, and Shapes
ASTM B127	(2005; R 2014) 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	(2013) 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	(2011; R 2017) 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 (2005; R 2014) Standard Specification for Nickel-Copper Alloy (UNS N04400)\* Seamless Pipe and Tube
- ASTM B166 (2011) Standard Specification for Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, and N06045)\* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire
- ASTM B167 (2011; R 2016) Standard Specification for Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, and N06045), and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Seamless Pipe and Tube
- 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 (2017) 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 B2 (2013) Standard Specification for Medium-Hard-Drawn Copper Wire

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 B21/B21M (2014) Standard Specification for Naval Brass Rod, Bar, and Shapes

ASTM B210 (2012) Standard Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes

ASTM B210M (2012) Standard Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric)

ASTM B211 (2012) Standard Specification for Aluminum and Aluminum-Alloy Bar, Rod, and Wire

ASTM B211M (2012; E 2012) Standard Specification for Aluminum and Aluminum-Alloy Bar, Rod, and Wire (Metric)

ASTM B22/B22M (2017) Standard Specification for Bronze Castings for Bridges and Turntables

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)

ASTM B23 (2000; R 2014) Standard Specification for White Metal Bearing Alloys (known Commercially as "Babbitt Metal")

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 (2009) 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 B26/B26M (2014; E 2015) Standard Specification for Aluminum-Alloy Sand Castings
- 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 (2016) Standard Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service
- ASTM B3 (2013) Standard Specification for Soft or Annealed Copper Wire
- ASTM B30 (2016) Standard Specification for Copper Alloys in Ingot Form
- 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
- 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 B32 (2008; R 2014) Standard Specification for Solder Metal

ASTM B33 (2010; R 2014) Standard Specification for Tinned Soft or Annealed Copper Wire for Electrical Purposes

ASTM B333 (2003; R 2008) Standard Specification for Nickel-Molybdenum Alloy Plate, Sheet, and Strip

ASTM B339 (2012) 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 B36/B36M (2013) Standard Specification for Brass Plate, Sheet, Strip, and Rolled Bar

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 B37 (2017) Standard Specification for Aluminum for Use in Iron and Steel Manufacture

ASTM B370 (2012) 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 B39 (1979; R 2008) Standard Specification for Nickel

ASTM B395/B395M (2013) 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 (2008; E 2013) Standard Specification for Compact Round Concentric-Lay-Stranded Aluminum 1350 Conductor

ASTM B418 (2016) Standard Specification for Cast and Wrought Galvanic Zinc Anodes

ASTM B42	(2015a) Standard Specification for Seamless Copper Pipe, Standard Sizes
ASTM B424	(2011; R 2016) Standard Specification for 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 B43	(2014) Standard Specification for Seamless Red Brass Pipe, Standard Sizes
ASTM B438	(2017) Standard Specification for Bronze-Base Powder Metallurgy (PM) Bearings (Oil Impregnated)
ASTM B439	(2008) Standard Specification for Iron-Base Sintered Bearings (Oil-Impregnated)
ASTM B443	(2000; R 2014) 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 B48	(2000; R 2016) Standard Specification for Soft Rectangular and Square Bare Copper Wire for Electrical Conductors
ASTM B496	(2016) Standard Specification for Compact Round Concentric-Lay-Stranded Copper Conductors
ASTM B505/B505M	(2014) Standard Specification for Copper-Base 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	(2017a) 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
ASTM B6	(2013) Standard Specification for Zinc
ASTM B609/B609M	(2012; E 2015) Standard Specification for Aluminum 1350 Round Wire, Annealed and Intermediate Tempers, for Electrical purposes
ASTM B61	(2015) Standard Specification for Steam or Valve Bronze Castings
ASTM B619/B619M	(2017b) Standard Specification for Welded Nickel and Nickel-Cobalt Alloy Pipe
ASTM B62	(2017) Standard Specification for Composition Bronze or Ounce Metal Castings
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	(2015) Standard Specification for Electrodeposited Coatings of Zinc on Iron and Steel
ASTM B650	(1995; R 2013) 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 B68/B68M	(2011) Standard Specification for Seamless Copper Tube, Bright Annealed (Metric)
ASTM B687	(1999; R 2016) Standard Specification for Brass, Copper, and Chromium-Plated Pipe Nipples
ASTM B69	(2013) Standard Specification for Rolled Zinc
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	(2005; R 2014; E 2015) 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 B75/B75M	(2011) Standard Specification for Seamless Copper Tube
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 B8	(2011; R 2017) Standard Specification for Concentric-Lay-Stranded Copper Conductors, Hard, Medium-Hard, or Soft
ASTM B800	(2005; R 2011) Standard Specification for 8000 Series Aluminum Alloy Wire for Electrical Purposes-Annealed and Intermediate Tempers
ASTM B801	(2016) 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	(2004a; R 2017) Standard Specification for General



	Requirements for Nickel and Nickel Alloys Seamless Pipe and Tube
ASTM B837	(2010) Standard Specification for Seamless Copper Tube for Natural Gas and Liquified Petroleum (LP) Gas Fuel Distribution Systems
ASTM B843	(2013) Standard Specification for Magnesium Alloy Anodes for Cathodic Protection
ASTM B85/B85M	(2014) Standard Specification for Aluminum-Alloy Die Castings
ASTM B86	(2013) 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	(2016) Standard Specification for Seamless Copper Water Tube (Metric)
ASTM B929	(2017) Standard Specification for Copper-Nickel-Tin Spinodal Alloy Rod and Bar
ASTM B98/B98M	(2013) Standard Specification for Copper-Silicon Alloy Rod, Bar, and Shapes
ASTM C1002	(2014) 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 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) Standard Test Method for Sampling and Testing Grout
ASTM C1026	(2013; R 2018) Standard Test Method for Measuring the Resistance of Ceramic 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	(2014a) Standard Specification for Accessories for Gypsum Wallboard and Gypsum Veneer Base
ASTM C1048	(2012; E 2012) 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	(2017a) 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	(2016) 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
ASTM C1089	(2013) Standard Specification for Spun Cast Prestressed Concrete Poles
ASTM C109/C109M	(2016a) Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in.

or (50-mm) Cube Specimens)

ASTM C1091	(2003a; R 2013) Standard Test Method for Hydrostatic Infiltration Testing of Vitrified Clay Pipe Lines
ASTM C110	( 2015; E 2016) Standard Test Methods for Physical Testing of Quicklime, Hydrated Lime, and Limestone
ASTM C1103	(2014) Standard Practice for Joint Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines
ASTM C1103M	(2014) 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	(2014) Standard Specification for Faced or Unfaced Rigid Cellular Phenolic Thermal Insulation
ASTM C1136	(2017a) Standard Specification for Flexible, Low Permeance Vapor Retarders for Thermal Insulation
ASTM C114	(2015) Standard Test Methods for Chemical Analysis of Hydraulic Cement
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 C115/C115M	(2010; E 2013) Standard Test Method for Fineness of Portland Cement by the Turbidimeter
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 C117	(2017) Standard Test Method for Materials Finer than 75-um (No. 200) Sieve in Mineral Aggregates by Washing
ASTM C1172	(2014) Standard Specification for Laminated Architectural Flat Glass
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 C12	(2016a) Standard Practice for Installing Vitrified Clay Pipe Lines
ASTM C1202	(2017a) 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 C123	(2014) Standard Test Method for Lightweight Particles in Aggregate
ASTM C123/C123M	(2014) Standard Test Method for Lightweight Particles in Aggregate
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 C126	(2017) Standard Specification for Ceramic Glazed Structural Clay Facing Tile, Facing Brick, and Solid Masonry Units
ASTM C1260	(2014) Standard Test Method for Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)
ASTM C1262	(2010) Standard Test Method for Evaluating the Freeze-Thaw Durability of Manufactured Concrete Masonry Units and Related Concrete Units
ASTM C127	(2015) Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate
ASTM C1278/C1278M	(2017) Standard Specification for Fiber-Reinforced Gypsum Panel
ASTM C128	(2015) Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Fine Aggregate
ASTM C1289	(2017) Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board
ASTM C129	(2017) Standard Specification for Nonloadbearing Concrete Masonry Units
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 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 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 C136/C136M	(2014) Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates
ASTM C1363	(2011) Standard Test Method for Thermal Performance of Building Materials and Envelope Assemblies by Means of a Hot Box Apparatus
ASTM C1364	(2017) Standard Specification for Architectural Cast Stone
ASTM C1372	(2017) Standard Specification for Dry-Cast Segmental Retaining Wall Units
ASTM C138/C138M	(2017a) Standard Test Method for Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete
ASTM C1384	(2012a) Standard Specification for Admixtures for Masonry Mortars
ASTM C1385/C1385M	(2010; R 2017) Standard Practice for Sampling Materials for Shotcrete
ASTM C139	(2017) Standard Specification for Concrete Masonry Units for Construction of Catch Basins and Manholes
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 C14	(2015) Standard Specification for Concrete Sewer, Storm Drain, and Culvert Pipe

ASTM C140/C140M	(2017b) Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units
ASTM C1405	(2015) Standard Specification for Glazed Brick (Single Fired, Brick 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 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 C144	(2017) Standard Specification for Aggregate for Masonry Mortar
ASTM C1452	(2000; R 2006) Standard Specification for Reinforced Autoclaved Aerated Concrete Elements
ASTM C1478	(2008; R 2013) Standard Specification for Storm Drain Resilient Connectors Between Reinforced Concrete Storm Sewer Structures, Pipes and Laterals
ASTM C1478M	(2008a; R 2013) 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
ASTM C14M	(2014) Standard Specification for Concrete Sewer, Storm Drain, and Culvert Pipe (Metric)
ASTM C150/C150M	(2017) Standard Specification for Portland Cement

ASTM C151/C151M	(2016) Standard Test Method for Autoclave Expansion of Hydraulic Cement
ASTM C1513	(2013) 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 C155	(1997; R 2013) Standard Specification for Insulating Firebrick
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 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 C1580	(2009; E 2010) Standard Test Method for Water-Soluble Sulfate in Soil
ASTM C1581/C1581M	(2016) 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 C159	(2006; R 2011) Standard Specification for Vitrified Clay Filter Blocks
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	(2012) 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 Landing)
ASTM C1610/C1610M	(2017) Standard Test Method for Static Segregation of Self-Consolidating Concrete Using Column Technique
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	(2015) 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 C165	(2007; R 2017) Standard Test Method for Measuring Compressive Properties of Thermal Insulations
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 C170/C170M	(2017) Standard Test Method for Compressive Strength of Dimension Stone
ASTM C171	(2016) Standard Specification for Sheet Materials for Curing Concrete
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 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	(2013) Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded-Hot-Plate Apparatus
ASTM C1778	(2016) Standard Guide for Reducing the Risk of Deleterious Alkali-Aggregate Reaction in Concrete
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	(2016a) 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 Method for Fineness of Hydraulic Cement by Air Permeability Apparatus

ASTM C206	(2014) Standard Specification for Finishing Hydrated Lime
ASTM C207	(2006; R 2011) Standard Specification for Hydrated Lime for Masonry Purposes
ASTM C208	(2012; R 2017; E 2017) Standard Specification for Cellulosic Fiber Insulating Board
ASTM C216	(2017) Standard Specification for Facing Brick (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	(2014) 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 C25	(2017) Standard Test Methods for Chemical Analysis of Limestone, Quicklime, and Hydrated Lime
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 C27	(1998; R 2008) Fireclay and High-Alumina Refractory Brick
ASTM C270	(2014a) 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	(2016) Shear Properties of Sandwich Core Materials
ASTM C28/C28M	(2010) Gypsum Plasters
ASTM C286	(1999; R 2017) Standard Terminology Relating to Porcelain Enamel and Ceramic-Metal Systems
ASTM C29/C29M	(2017a) Standard Test Method for Bulk Density

	("Unit Weight") and Voids in Aggregate
ASTM C294	(2012; R 2017) Standard Descriptive Nomenclature for Constituents of Concrete Aggregates
ASTM C295/C295M	(2012) Petrographic Examination of Aggregates for Concrete
ASTM C297/C297M	(2016) Flatwise Tensile Strength of Sandwich Constructions
ASTM C307	(2003; R 2012) Tensile Strength of Chemical-Resistant Mortar, Grouts, and Monolithic Surfacing
ASTM C309	(2011) Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete
ASTM C31/C31M	(2018) Standard Practice for Making and Curing Concrete Test Specimens in the Field
ASTM C311/C311M	(2017) Standard Test Methods for Sampling and Testing Fly Ash or Natural Pozzolans for Use in Portland-Cement Concrete
ASTM C315	(2007; R 2011) Clay Flue Linings
ASTM C317/C317M	(2000; R 2010) Gypsum Concrete
ASTM C32	(2013; R 2017) Standard Specification for Sewer and Manhole Brick (Made from Clay or Shale)
ASTM C33/C33M	(2016) Standard Specification for Concrete Aggregates
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 C34	(2017) Standard Specification for Structural Clay Loadbearing Wall Tile
ASTM C35	(2001; R 2014) Inorganic Aggregates for Use in Gypsum Plaster
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 C39/C39M	(2018) Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens
ASTM C395	(2001; R 2012) Chemical-Resistant Resin Mortars
ASTM C4	(2004; R 2014) Standard Specification for Clay Drain Tile and Perforated Clay Drain Tile
ASTM C40	(2011) Standard Test Method for Organic Impurities in Fine Aggregates for Concrete
ASTM C40/C40M	(2016) Standard Test Method for Organic Impurities in Fine Aggregates for Concrete
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	(2011; R 2017) 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	(2011; R 2012) Absorption of Chemical-Resistant Mortars, Grouts, and Monolithic Surfacing and Polymer Concretes
ASTM C42/C42M	(2013) Standard Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete
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
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 (2016) 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 (2016) 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
- 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	(2018) Standard Test Methods for Concrete Pipe, Manhole Sections, or Tile
ASTM C497M	(2017) Standard Test Methods for Concrete Pipe, Manhole Sections, or Tile (Metric)
ASTM C50/C50M	(2013) Sampling, Sample Preparation, Packaging, and Marking of Lime and Limestone Products
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	(2015) 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	(2000; R 2012) 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
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 (2017) Standard Specification for Mineral Fiber Pipe Insulation
- ASTM C549 (2006; R 2012) Perlite Loose Fill Insulation
- ASTM C55 (2017) Standard Specification for Concrete Building Brick
- ASTM C552 (2017) Standard Specification for Cellular Glass Thermal Insulation
- ASTM C553 (2013) 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 (2017a) Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation
- ASTM C579 (2001; R 2012) Compressive Strength of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes
- ASTM C580 (2002; R 2012) 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



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 C59/C59M	(2000; R 2011) Gypsum Casting Plaster and Gypsum Molding Plaster
ASTM C591	(2017) 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	(2017) 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) Extrusion Rate and Application Life of Elastomeric Sealants
ASTM C61/C61M	(2000; R 2011) Gypsum Keene's Cement
ASTM C610	(2015) Standard Specification for Molded Expanded Perlite Block and Pipe Thermal Insulation
ASTM C612	(2014) 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	(2017a) Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete
ASTM C62	(2017) Standard Specification for Building Brick (Solid Masonry Units Made from Clay or Shale)
ASTM C631	(2009; R 2014) Bonding Compounds for Interior Gypsum Plastering
ASTM C635/C635M	(2017) Standard Specification for Manufacture,

Performance, and Testing of Metal Suspension Systems for Acoustical Tile and Lay-In Panel Ceilings

- 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 C67 (2017) Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile
- 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
- ASTM C685/C685M (2017) Standard Specification for Concrete Made by Volumetric Batching and Continuous Mixing
- ASTM C70 (2013) Standard Test Method for Surface Moisture in Fine Aggregate
- ASTM C700 (2013) Standard Specification for Vitrified Clay Pipe, Extra Strength, Standard Strength, and Perforated
- ASTM C702/C702M (2011) Reducing Samples of Aggregate to Testing Size
- ASTM C719 (2014) Adhesion and Cohesion of Elastomeric Joint Sealants Under Cyclic Movement (Hockman Cycle)
- ASTM C722 (2004; R 2012) Standard Specification for Chemical-Resistant Resin Monolithic Surfacing
- ASTM C726 (2017) Standard Specification for Mineral Wool Roof Insulation Board
- ASTM C728 (2017a) Standard Specification for Perlite Thermal Insulation Board
- ASTM C73 (2017) Standard Specification for Calcium Silicate Brick (Sand-Lime Brick)
- ASTM C732 (2006; R 2012) Aging Effects of Artificial Weathering on Latex Sealants
- ASTM C734 (2015) 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 (2015) Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products
- ASTM C76 (2015) Standard Specification for Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe
- ASTM C764 (2017) Standard Specification for Mineral Fiber Loose-Fill Thermal Insulation
- ASTM C76M (2014) Standard Specification for Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe (Metric)

ASTM C779/C779M	(2012) Abrasion Resistance of Horizontal Concrete Surfaces
ASTM C78/C78M	(2018) Standard Test Method for Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)
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 2013) Standard Specification for Thermal 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 C805/C805M	(2013a) 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	(2017) 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 C847	(2014a) Standard Specification for Metal Lath

ASTM C856	(2017) 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
ASTM C869/C869M	(2011; R 2016) Standard Specification for Foaming Agents Used in Making Preformed Foam for Cellular Concrete
ASTM C87/C87M	(2017) Standard Test Method for Effect of Organic Impurities in Fine Aggregate on Strength of Mortar
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 C88	(2013) Standard Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate
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 C90	(2016) Standard Specification for Loadbearing Concrete Masonry Units
ASTM C900	(2015) Standard Test Method for Pullout Strength of Hardened Concrete
ASTM C91/C91M	(2012) Standard Specification for Masonry Cement

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)
ASTM C926	(2018a) Standard Specification for Application of Portland Cement-Based Plaster
ASTM C928/C928M	(2013) Packaged, Dry, Rapid-Hardening Cementitious Materials for Concrete Repairs
ASTM C930	(2018) 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 C94/C94M	(2017a) Standard Specification for Ready-Mixed Concrete
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 (2012) 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 (2015) 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 (2017) Standard Practice for Infiltration and Exfiltration Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines
- ASTM C969M (2017) Standard Practice for Infiltration and Exfiltration Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines (Metric)
- ASTM C97/C97M (2015) Absorption and Bulk Specific Gravity of Dimension Stone
- 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 (2017) 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 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	(2013) Resistance of Transparent Plastics to Surface Abrasion
ASTM D1045	(2014) 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	(2011) Sampling Steam
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
ASTM D1140	(2017) Standard Test Methods for Determining the Amount of Material Finer than 75- $\mu$ m (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) Standard Test Method for Rubber Deterioration-Discoloration from Ultraviolet (UV) 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 D117	(2010) Standard Guide for Sampling, Test Methods, Specifications and Guide for Electrical Insulating



Oils of Petroleum Origin

- 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 D123 (2015b; R 2017) Standard Terminology Relating to Textiles
- ASTM D1238 (2013) Melt Flow Rates of Thermoplastics by Extrusion Plastometer
- ASTM D1241 (2015) Materials for Soil-Aggregate Subbase, Base, and Surface Courses
- ASTM D1248 (2012) Standard Specification for Polyethylene Plastics Extrusion Materials for Wire and Cable
- ASTM D1250 (2008) Standard Guide for Use of the Petroleum Measurement Tables
- ASTM D13 (2002) Standard Specification for Spirits of Turpentine
- ASTM D130 (2012) Standard Test Method for Corrosiveness to Copper from Petroleum Products by Copper Strip Test
- 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) Standard Test Method for Tuft Bind of Pile Yarn Floor Coverings
ASTM D1384	(2005; R 2012) Corrosion Test for Engine Coolants in Glassware
ASTM D140/D140M	(2016) Standard Practice for Sampling Asphalt Materials
ASTM D1401	(2012) 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 D146/D146M	(2004; E 2012; R 2012) Sampling and Testing Bitumen-Saturated Felts and Woven Fabrics for Roofing and Waterproofing
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 D149	(2009; R 2013) Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials at Commercial Power Frequencies
ASTM D1499	(2013) Filtered Open-Flame Carbon-Arc Type Exposures of Plastics
ASTM D1505	(2010) Density of Plastics by the Density-Gradient Technique
ASTM D1525	(2017) Standard Test Method for Vicat Softening Temperature of Plastics

ASTM D1527	(1999; R 2005) Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe, Schedules 40 and 80
ASTM D153	(1984; R 2014) Specific Gravity of Pigments
ASTM D1533	(2012) Standard Test Method for Water in Insulating Liquids by Coulometric Karl Fischer Titration
ASTM D1535	(2014) 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 <sup>3</sup> ) (2700 kN-m/m <sup>3</sup> )
ASTM D1586	(2011) Penetration Test 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

in the Laboratory

- 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 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 D173/D173M (2003; R 2011; E 2012) Bitumen-Saturated Cotton Fabrics Used in Roofing and Waterproofing
- 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 (2004a; R 2013) Standard Specification for Preformed Sponge Rubber Cork and Recycled PVC Expansion
- ASTM D1763 (2000; R 2013) Epoxy Resins
- ASTM D1777 (1996; E 2011; R 2011) Thickness of Textile Materials

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 D185	(2007; R 2012) Standard Test for Coarse Particles in Pigments
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 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	(2017) 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 D198	(2015) Standard Test Methods of Static Tests of Lumber in Structural Sizes
ASTM D1998	(2013) Polyethylene Upright Storage Tanks
ASTM D2000	(2012; R 2017) 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

- ASTM D202 (2008) Sampling and Testing Untreated Paper Used for Electrical Insulation
- 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 (2013) 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 (2011) 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 D2104 (2003) Standard Specification for Polyethylene (PE) Plastic Pipe, Schedule 40
- 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 D217 (2017) Standard Test Methods for Cone Penetration of Lubricating Grease
- ASTM D2170/D2170M (2010) Kinematic Viscosity of Asphalts (Bitumens)
- ASTM D2171/D2171M (2010) Viscosity of Asphalts by Vacuum Capillary

Viscometer

ASTM D2172/D2172M	(2017) 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
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	(2010) 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 D226/D226M	(2017) Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing
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 D227/D227M	(2003; R 2011; E 2012) Coal-Tar-Saturated Organic Felt Used in Roofing and Waterproofing
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 D229	(2013) Rigid Sheet and Plate Materials Used for Electrical Insulation
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	(2014; E 2014) Standard Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Applications
ASTM D2344/D2344M	(2016) Standard Test Method for Short-Beam Strength of Polymer Matrix Composite Materials and Their Laminates
ASTM D235	(2002; R 2012) Mineral Spirits (Petroleum Spirits) (Hydrocarbon Dry Cleaning Solvent)
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	(2017) 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 D242/D242M	(2009; R 2014) Mineral Filler for Bituminous Paving Mixtures
ASTM D2434	(1968; R 2006) Permeability of Granular Soils (Constant Head)
ASTM D244	(2009; R 2017) Standard Test Methods and Practices for Emulsified Asphalts
ASTM D2447	(2003) Standard Specification for Polyethylene (PE) Plastic Pipe, Schedules 40 and 80, Based on Outside Diameter



ASTM D2452	(2015) 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 Soils for Engineering Purposes (Unified Soil Classification System)
ASTM D2488	(2017) 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 D25	(2012; R 2017) Standard Specification for Round Timber Piles
ASTM D2513	(2014; E 2014) Thermoplastic Gas Pressure Pipe, Tubing, and Fittings
ASTM D2517	(2018) Standard Specification for Reinforced Epoxy Resin Gas Pressure Pipe and Fittings
ASTM D2523	(2013) 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 D256	(2010) Determining the Izod Pendulum Impact Resistance of Plastics
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 D257 (2014) Standard Test Methods for D-C Resistance or Conductance of Insulating Materials

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) Rubber Property-Resilience by Vertical Rebound

ASTM D2652 (2011) Activated Carbon

ASTM D2657 (2007; R 2015) Heat Fusion Joining Polyolefin Pipe and Fittings

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 (2017) 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 2010) 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 D281 (2012; R 2016) Standard Test Method for Oil Absorption of Pigments by Spatula Rub-Out

ASTM D2822/D2822M (2005; R 2011; E 2011) Standard Specification for Asphalt Roof Cement, Asbestos-Containing

ASTM D2824/D2824M (2013) Aluminum-Pigmented Asphalt Roof Coatings, Non-Fibered, Asbestos Fibered, and Fibered without Asbestos

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 (2016) Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics

ASTM D2846/D2846M (2017b; E 2018) Standard Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution Systems

ASTM D2854 (2009; R 2014) 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	(2017a) 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) 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 D297	(2015) Rubber Products - Chemical Analysis
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
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 D3045 (1992; R 2010) Practice for Heat Aging of Plastics Without Load

ASTM D312 (2000; R 2006) Standard Specification for Asphalt Used in Roofing

ASTM D312/D312M (2016a) Standard Specification for Asphalt Used in Roofing

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 (2016a) 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

ASTM D3212 (2007; R 2013) Standard Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals

ASTM D3222 (2005; R 2015) Unmodified Poly(Vinylidene Fluoride) (PVDF) Molding Extrusion and Coating Materials

ASTM D323 (2015a) Vapor Pressure of Petroleum Products (Reid Method)

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) PStandard Specification for TFE Resin Skived Tape
ASTM D3311	(2017) Standard Specification for Drain, Waste, and Vent (DWV) Plastic Fittings Patterns
ASTM D3330/D3330M	(2004; R 2010) 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
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	(2010) Sampling Water from Closed Conduits
ASTM D3381/D3381M	(2013) Viscosity-Graded Asphalt Cement for Use in Pavement Construction
ASTM D3389	(2010) 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	(2016) 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 D3498	(2003; R 2011) Adhesives for Field-Gluing Plywood to Lumber Framing for Floor Systems
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
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 D3656/D3656M	(2013) 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	(2009) 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	(2012) Standard Practice for Establishing Allowable Properties for Structural Glued Laminated Timber (Glulam)
ASTM D374	(1999; R 2004) Thickness of Solid Electrical Insulation
ASTM D3740	(2012a) 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 D374M	(2013) Standard Test Methods for Thickness of Solid Electrical Insulation (Metric)
ASTM D3753	(2012; E 2013) Glass-Fiber-Reinforced Polyester Manholes and Wetwells
ASTM D3754	(2014) "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Sewer and Industrial Pressure Pipe
ASTM D3775	(2017) 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) 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

ASTM D3892 (1993; R 2009) 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 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 D395 (2016; E 2017) Standard Test Methods for Rubber

Property - Compression Set

ASTM D3951	(2015) Commercial Packaging
ASTM D396	(2017a) Standard Specification for Fuel Oils
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 D4	(1986; R 2010) Bitumen Content
ASTM D4000	(2016) Standard Classification System for Specifying Plastic Materials
ASTM D4016	(2014) Viscosity of Chemical Grouts by Brook field Viscometer (Laboratory Method)
ASTM D402/D402M	(2014) Distillation of Cut-Back Asphaltic (Bituminous) Products
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) Standard Practice for Manual Sampling of Petroleum and Petroleum Products
ASTM D4059	(2000; R 2010) Analysis of Polychlorinated Biphenyls in Insulating Liquids by Gas Chromatography
ASTM D4060	(2014) Abrasion Resistance of Organic Coatings by the Taber Abraser
ASTM D4061	(2013) Standard Test Method for Retroreflectance of Horizontal Coatings
ASTM D4068	(2017) Standard Specification for Chlorinated Polyethylene (CPE) Sheeting for Concealed Water-Containment Membrane
ASTM D4073	(2006; R 2013) 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 D41/D41M	(2011; R 2016) Standard Specification for Asphalt Primer Used in Roofing, Dampproofing, and Waterproofing
ASTM D4101	(2017) Standard Classification System and Basis for Specification for Polypropylene Injection and Extrusion Materials
ASTM D412	(2016) Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers - Tension
ASTM D4125/D4125M	(2010) Asphalt Content of Bituminous Mixtures by the Nuclear Method
ASTM D413	(1998; R 2017) Standard Test Methods for Rubber Property - Adhesion to Flexible Substrate
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 Sampling of Petroleum and Petroleum Products
ASTM D420	(1998; R 2003) Site Characterization for Engineering Design, and Construction Purposes
ASTM D4214	(2007; R 2015) Standard Test Method for Evaluating the Degree of Chalking of Exterior Paint Films
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 D422	(1963; R 2007; E 2014; E 2014) Particle-Size Analysis of Soils
ASTM D4220/D4220M	(2014) Preserving and Transporting Soil Samples
ASTM D4253	(2016) 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	(1988; R 2012) Standard Practice for Abrading Concrete
ASTM D4263	(1983; R 2012) 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 D429	(2014) Rubber Property-Adhesion to Rigid Substrates
ASTM D43/D43M	(2000; R 2012) Standard Specification for Coal Tar Primer Used in Roofing, Dampproofing, and Waterproofing
ASTM D430	(2006; R 2012) Standard Test Methods for Rubber Deterioration - Dynamic Fatigue
ASTM D4318	(2017) 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
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) Use and Calibration of Hand-Held Moisture Meters
ASTM D445	(2017a) Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (and the Calculation of Dynamic Viscosity)
ASTM D4479/D4479M	(2007; E 2012; R 2012) Asphalt Roof Coatings - Asbestos-Free
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 D4491/D4491M	(2015) Standard Test Methods for Water Permeability of Geotextiles by Permittivity
ASTM D450/D450M	(2007; E 2013; R 2013) Coal-Tar Pitch Used in Roofing, Dampproofing, and Waterproofing
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

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 D470	(2013) Crosslinked Insulations and Jackets for Wire and Cable
ASTM D471	(2016a) Standard Test Method for Rubber Property - Effect of Liquids
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
ASTM D4759	(2011; R 2018) Standard Practice for Determining the Specification Conformance of Geosynthetics
ASTM D476	(2015) Dry Pigmentary Titanium Dioxide Pigments
ASTM D4791	(2010) 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	(2018) Standard Specification for Automotive Spark-Ignition Engine Fuel
ASTM D4819	(2013) Standard Specification for Flexible Cellular Materials Made From Polyolefin Plastics
ASTM D4832	(2010) 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 D490	(1992; R 2016) Standard Specification for Road Tar
ASTM D4940	(2015) Standard Test Method for Conductometric 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 D495 (1999; R 2004) Standard Test Method for High-Voltage, Low-Current, Dry Arc Resistance of Solid Electrical Insulation
- ASTM D4956 (2013) Standard Specification for Retroreflective Sheeting for Traffic Control
- ASTM D4959 (2016) Determination of Water (Moisture) Content of Soil by Direct Heating
- ASTM D4972 (2013) 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 D5 (2006; E 2006) Penetration of Bituminous Materials
- 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 D5116 (2010) Standard Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions from Indoor Materials/Products
- ASTM D512 (2012) Chloride Ion in Water
- 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 D516	(2016) Standard Test Method for Sulfate Ion in Water
ASTM D517	(1998; R 2008) Asphalt Plank
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 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 D5228	(2016) Standard Test Method for Determination of the Butane Working Capacity of Activated Carbon
ASTM D523	(2014) Standard Test Method for Specular Gloss
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) Measuring Mass Per Unit Area of Geotextiles
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 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	(2007; R 2012) 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 D542	(2014) Index of Refraction of Transparent Organic Plastics
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 D543	(2014) Standard Practices for Evaluating the Resistance of Plastics to Chemical Reagents
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
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 D558	(2011) Moisture-Density (Unit Weight) Relations of Soil-Cement Mixtures
ASTM D559	(2003) Wetting and Drying Compacted Soil-Cement Mixtures

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 D56 (2016a) Standard Test Method for Flash Point by Tag Closed Cup Tester

ASTM D560 (2003) Freezing and Thawing Compacted Soil-Cement Mixtures

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 D561 (1982; R 2014) Carbon Black Pigment for Paint

ASTM D562 (2010; R 2014) Consistency of Paints Measuring Krebs Unit (KU) Viscosity Using a Stormer-Type Viscometer

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 D566 (2017) Standard Test Method for Dropping Point of Lubricating Grease

ASTM D5677 (2017) Standard Specification for Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe and Pipe Fittings, Adhesive Bonded Joint Type, for Aviation Jet Turbine Fuel Lines

ASTM D5685 (2011) "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pressure Pipe Fittings

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 D5721 (2008; R 2013) Air-Oven Aging of Polyolefin Geomembranes

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 D5759	(2012) Characterization of Coal Fly Ash and Clean Coal Combustion Fly Ash for Potential Uses
ASTM D578/D578M	(2005; E 2011; R 2011) Glass Fiber Strands
ASTM D579/D579M	(2015) Standard Specification for Greige Woven Glass Fabrics
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
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	(2016) 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 D596	(2001; R 2011) Reporting Results of Analysis of Water
ASTM D5993	(2014) Measuring Mass Per Unit of Geosynthetic Clay Liners
ASTM D5994/D5994M	(2010; R 2015; E2015) Standard Test Method for Measuring Core Thickness of Textured Geomembranes
ASTM D6/D6M	(1995; E 2011; R 2011) Loss on Heating of Oil and Asphaltic Compounds
ASTM D6007	(2014) Standard Test Method for Determining Formaldehyde Concentration in Air from Wood Products Using a Small Scale Chamber
ASTM D6072/D6072M	(2009; R 2015) Obtaining Samples of Geosynthetic Clay Liners
ASTM D6081	(1998; R 2014) Aquatic Toxicity Testing of Lubricants: Sample Preparation and Results Interpretation
ASTM D610	(2008; R 2012) Evaluating Degree of Rusting on Painted Steel Surfaces
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	(2015) 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 D6187	(1997; R 2010) Standard Practice for Cone Penetrometer Technology Characterization of Petroleum Contaminated Sites with Nitrogen Laser-Induced Fluorescence
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
ASTM D6226	(2010) Standard Test Method for Open Cell Content of Rigid Cellular Plastics
ASTM D6237	(2009; R 2015) Painting Inspectors (Concrete and Masonry Substrates)
ASTM D624	(2000; R 2012) Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers
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 (2016) Standard Test Method for Asphalt Content of Hot Mix Asphalt by Ignition Method

ASTM D633 (2011; R 2016) Standard Volume Correction Table for Road Tar

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) Selection of Methods for Active, Integrative Sampling of Volatile Organic Compounds in Air

ASTM D635 (2014) Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position

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 D638 (2014) Standard Test Method for Tensile Properties of Plastics

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

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; E 2012; R 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 D664	(2017) 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 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	(2016a) 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 for Tensile Strength of Geosynthetic Clay Liners



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 Gyrotory 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 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 D70 (2017) Standard Test Method for Density of Semi-Solid Bituminous Materials (Pycnometer Method)

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 D709	(2017) Standard Specification for Laminated Thermosetting 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 D711	(2010; R 2015) No-Pick-Up Time of Traffic Paint
ASTM D7127	(2017) Standard Test Method for Measurement of Surface Roughness of Abrasive Blast Cleaned Metal Surfaces using a Portable Stylus Instrument
ASTM D714	(2002; R 2017) Standard Test Method for Evaluating Degree of Blistering of Paints
ASTM D7155	(2011) Standard Practice for Evaluating Compatibility of Mixtures of Turbine Lubricating Oils
ASTM D7158/D7158M	(2016) Standard Test Method for Wind Resistance of Asphalt Shingles (Uplift Force/Uplift Resistance Method)
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 D737	(2018) Standard Test Method for Air Permeability of Textile Fabrics
ASTM D740	(2011) Methyl Ethyl Ketone
ASTM D7408	(2012) Non Reinforced PVC (Polyvinyl Chloride)

## Geomembrane Seams

ASTM D746	(2014) Standard Test Method for Brittleness Temperature of Plastics and Elastomers by Impact
ASTM D7466	(2010) Standard Test Method for Measuring Asperity Height of Textured Geomembranes
ASTM D75/D75M	(2014) Standard Practice for Sampling Aggregates
ASTM D751	(2006; R 2011) Coated Fabrics
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 for Geomembrane Seams
ASTM D785	(2008) Rockwell Hardness of Plastics and Electrical Insulating Materials
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
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, Varnish, and Related Products on Test Panels.
ASTM D841	(2017) 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	(2017) 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 D92	(2012a) Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester
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 D93	(2016) Standard Test Methods for Flash-Point by Pensky-Martens Closed Cup Tester
ASTM D943	(2017) 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	(2010) Standard Test Method for Bearing Strength of Plastics
ASTM D962	(1981; R 2014) Aluminum Powder and Paste Pigments for Paints
ASTM D968	(2017) Standard Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive
ASTM D97	(2017b) Standard Test Method for Pour Point of Petroleum Products
ASTM D974	(2014; E 2016) Standard Test Method for Acid and Base Number by Color-Indicator Titration
ASTM D975	(2017a) Standard Specification for Diesel Fuel Oils
ASTM D977	(2017) Standard Specification for Emulsified Asphalt

ASTM D979/D979M	(2015) Sampling Bituminous Paving Mixtures
ASTM D98	(2015) Calcium Chloride
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 E100	(2017) Standard Specification for ASTM Hydrometers
ASTM E1030/E1030M	(2015) Standard Test Method for Radiographic Examination of Metallic Castings
ASTM E1032	(2012) Standard Test Method for Radiographic Examination of Weldments
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 E108	(2011) Fire Tests of Roof Coverings
ASTM E11	(2016) Standard Specification for Woven Wire Test Sieve Cloth and Test Sieves
ASTM E110	(2014) Indentation Hardness of Metallic Materials by Portable Hardness Testers
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 E114	(2015) Standard Practice for Ultrasonic Pulse-Echo Straight-Beam Contact Testing
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
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 E119 (2016a) Standard Test Methods for Fire Tests of Building Construction and Materials
- ASTM E122 (2017) Standard Practice for Calculating Sample 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 E1264 (2014) 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 E1333 (2014) Determining Formaldehyde Concentrations in Air and Emission Rates from Wood Products Using a Large Chamber
- 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 E136 (2016) Behavior of Materials in a Vertical Tube Furnace at 750 Degrees C
- 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 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
ASTM E1477	(1998a; R 2017) 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 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 E1592	(2005; R 2012) Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference
ASTM E1613	(2012) 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 E162	(2015b) Surface Flammability of Materials Using a Radiant Heat Energy Source
ASTM E164	(2013) Ultrasonic Contact Examination of Weldments
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 2011) Standard Test Method for Water Penetration of Exterior Metal Roof Panel Systems by Uniform Air Pressure Difference
ASTM E165/E165M	(2012) Standard Practice for Liquid Penetrant Examination for General Industry
ASTM E1680	(2016) Standard Test Method for Rate of Air Leakage Through Exterior Metal Roof Panel Systems
ASTM E169	(2016) Standard Practices for General Techniques of

Ultraviolet-Visible Quantitative Analysis

- 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 (2012) 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
- ASTM E18 (2017; E 2017) Standard Test Methods for Rockwell Hardness of Metallic Materials
- ASTM E1827 (2011; R 2017) Standard Test Methods for Determining Airtightness of Buildings Using an Orifice Blower Door
- ASTM E1886 (2013a) 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 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) 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	(2014a) 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 E204	(1998; R 2007) Identification of Material by Infrared Absorption Spectroscopy, Using the ASTM Coded Band and Chemical Classification Index
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
ASTM E2112	(2007; R 2016) Standard Practice for Installation of Exterior Windows, Doors and Skylights
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	(2015a) Standard Practice for Application of Hose Stream
ASTM E2231	(2015) 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 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 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 (2014) Standard Practice for Comprehensive Building Asbestos Surveys
- ASTM E2357 (2017) Standard Test Method for Determining Air Leakage of Air Barrier Assemblies
- 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 E2634 (2017) Standard Specification for Flat Wall Insulating Concrete Form (ICF) Systems
- ASTM E2659 (2018) Standard Practice for Certificate Programs
- ASTM E28 (2014) Softening Point of Resins Derived from Naval Stores by Ring and Ball Apparatus

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 the Testing and/or Inspection of Materials Used in Construction
ASTM E330/E330M	(2014) Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference
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	(2016a) Standard Test Method for Measurement of Airborne Sound Insulation in Buildings
ASTM E337	(2015) Measuring Humidity with a Psychrometer (The Measurement of Wet- and Dry-Bulb Temperatures)
ASTM E34	(2011; E 2012) Chemical Analysis of Aluminum and Aluminum-Base Alloys
ASTM E381	(2017) Standard Method of Macroetch Testing Steel Bars, Billets, Blooms, and Forgings
ASTM E390	(2011) Radiographs Steel Fusion Welds
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
- 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 (2017a) 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 E72 (2015) Conducting Strength Tests of Panels for Building Construction
- ASTM E736 (2000; R 2011) 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
- ASTM E774 (1997) Classification of the Durability of Sealed Insulating Glass Units
- ASTM E779 (2010) Standard Test Method for Determining Air Leakage Rate by Fan Pressurization
- ASTM E783 (2002; R 2010) 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 E84 (2018) Standard Test Method for Surface Burning Characteristics of Building Materials
- 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 E90 (2009) Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements

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 E94/E94M (2017) Standard Guide for Radiographic Examination Using Industrial Radiographic Film

ASTM E953/E953M (2016) Standard Practice for Fusibility of Refuse-Derived Fuel (RDF) Ash

ASTM E96/E96M (2016) Standard Test Methods for Water Vapor Transmission of Materials

ASTM E971 (2011) Standard Practice for Calculation of Photometric Transmittance and Reflectance of Materials to Solar Radiation

ASTM F1007 (1986; R 2014) 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 F104 (2011) Standard Classification System for Nonmetallic Gasket Materials

ASTM F1040 (1987; R 2007) Standard Specification for Filter Units, Air Conditioning, Viscous - Impingement and Dry Types, Replaceable

ASTM F1043 (2017a) Standard Specification for Strength and Protective Coatings on Steel Industrial Fence Framework

ASTM F1055 (2016) Standard Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene and Crosslinked Polyethylene (PEX) Pipe and Tubing

ASTM F1056 (2004; R 2011) 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 (2016) 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
ASTM F1139	(1988; R 2015) Steam Traps and Drains
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	(1998a; R 2011) Electrofusion Joining Polyolefin Pipe and Fittings
ASTM F1292	(2017a) 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) Standard Test Method for Installation Acceptance of Plastic Gravity Sewer Lines Using Low Pressure Air
ASTM F147	(1987; R 2017) Standard Test Method for Flexibility

of Non-Metallic Gasket Materials

- ASTM F1476 (2007; R 2013) Standard Specification for Performance of Gasketed Mechanical Couplings for Use in Piping Applications
- ASTM F148 (2013) Binder Durability of Cork Composition Gasket Materials
- ASTM F1482 (2015) Installation and Preparation of Panel Type Underlayments to Receive Resilient Flooring
- ASTM F1483 (2017) Standard Specification for Oriented Poly(Vinyl Chloride), PVC-O, Pressure Pipe
- ASTM F1487 (2017) Standard Consumer Safety Performance Specification for Playground Equipment for Public Use
- ASTM F150 (2006; R 2013) Electrical Resistance of Conductive and Static Dissipative Resilient Flooring
- 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 F152 (1995; R 2009) Tension Testing of Nonmetallic Gasket Materials
- 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 (2017; E 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 (2017) 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 (2018) Standard Specification for Solid Vinyl Floor Tile

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 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 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 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 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	(2013) 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	(2018) 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
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 F2280 (2014) Standard Specification for "Twist Off" Type Tension Control Structural Bolt/Nut/Washer Assemblies, Steel, Heat Treated, 150 ksi Minimum Tensile Strength
- ASTM F2285 (2004; R 2016; E 2016) Standard Consumer Safety Performance Specification for Diaper Changing Tables for Commercial Use
- ASTM F2329 (2013) 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 F2562/F2562M (2015) Specification for Steel Reinforced Thermoplastic Ribbed Pipe and Fittings for Non-Pressure Drainage and Sewerage
- ASTM F2618 (2009; R 2014) Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Fittings for Chemical Waste Drainage Systems
- ASTM F2620 (2013) 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 (2017; E 2017) 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 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 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 F312 (2008; R 2016) Standard Test Methods for Microscopical Sizing and Counting Particles from Aerospace Fluids on Membrane Filters
- 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 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
- ASTM F36 (2015) Compressibility and Recovery of Gasket Materials
- 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 (2009; R 2014) 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	(2013) 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	(1985; R 2009) 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
ASTM F512	(2012; R 2017) 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	(2009; R 2014) 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) 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	(2017) Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring
ASTM F714	(2013) Polyethylene (PE) Plastic Pipe (SDR-PR) Based on Outside Diameter
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	(2013) 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 (2011a) 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

ASTM F894 (2013) 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) 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 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 G21	(2015) Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi
ASTM G59	(1997; R 2014) Standard Test Method for Conducting Potentiodynamic Polarization Resistance Measurements
ASTM G60	(2001; R 2013) 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 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 A156.10 (2017) Power Operated Pedestrian Doors

ANSI/BHMA A156.11 (2014) Cabinet Locks

ANSI/BHMA A156.115 (2016) Hardware Preparation in Steel Doors and Steel Frames

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 (2013) Auxiliary Hardware

ANSI/BHMA A156.17 (2014) 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 A156.2 (2017) Bored and Preassembled Locks and Latches

ANSI/BHMA A156.20 (2017) Strap and Tee Hinges, and Hasps

ANSI/BHMA A156.21 (2014) 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 A156.3	(2014) 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 A156.4	(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
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)

CGI B19.1 (2010) Safety Standard for Compressor Systems

COMPRESSED GAS ASSOCIATION (CGA)

CGA G-10.1 (2008) Commodity Specification for Nitrogen; 7th Edition

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 HB (1999) Handbook of Compressed Gases; 4th Edition

CGA M-1 (2018) Guide for Medical Gas Supply Systems at Consumer Sites; 2nd 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

CONSUMER ELECTRONICS ASSOCIATION (CEA)

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

CEA-709.3 (1999; R 2004) Free-Topology Twisted-Pair Channel Specification

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

CONSUMER PRODUCT SAFETY COMMISSION (CPSC)

CPSC Pub No 325 (2015) Public Playground Safety Handbook

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 Multiple Girder 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
- CSA/AM ANSI Z21.93/CSA 6 (2013) Excess Flow Valves for Natural and LP Gas with Pressures up To 5 psig

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

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 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

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

EXPANSION JOINT MANUFACTURERS ASSOCIATION (EJMA)

EJMA Stds (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 (1993; Am 1996; Am 1999; Am 2002) 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 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

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

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

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-12 (1997) Occupancy Sensors

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 7.1-7.5	(2006) Controlled Volume Metering 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 14.6	(2011) Rotodynamic Pumps for Hydraulic Performance Acceptance Tests - A136
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 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 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 AC300 (2014) Acceptance Criteria for Access Floors
- ICC-ES AC377 (2016) Acceptance Criteria for Spray-Applied Foam Plastic Insulation
- ICC-ES AC48 (2012; R 2015) Acceptance Criteria for Self-adhered Roof Underlayment for Use as Ice Barriers

ILLUMINATING ENGINEERING SOCIETY (IES)

- IES HB-10 (2011; Errata 2015) IES Lighting Handbook
- IES LM-48 (2001) Guide for Testing the Calibration of Locking-Type Photoelectric Control Devices Used in Outdoor Applications
- 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-16 (2010; Addendum A 2008; Addenda B 2009; Addendum C 2016) Nomenclature and Definitions for Illuminating Engineering
- IES RP-8 (2014) Roadway Lighting
- 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-10W (2008) Bid Specification Information Requirements and Bid Evaluation Form 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 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 100 (2000; Archived) The Authoritative Dictionary of IEEE Standards Terms

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 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 1159 (2009) Recommended Practice on Monitoring Electric Power Quality

IEEE 120 (1989; R 2007) Master Test Guide for Electrical Measurements in Power Circuits

IEEE 1202 (2006; R 2012; CORR 1 2012) Flame-Propagation Testing of Wire and Cable

IEEE 142 (2007; Errata 2014) Recommended Practice for Grounding of Industrial and Commercial Power Systems - IEEE Green Book

IEEE 1547 ( 2003; R 2008) Interconnecting Distributed Resources with Electric Power Systems

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 18 (2012) Standard for Shunt Power Capacitors

IEEE 1815 (2015; CORR 2016) Exchanging Information Between Networks Implementing IEC 61850 and IEEE Std 1815 [Distributed Network Protocol (DNP3)]

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 32 (1972; R 1997) Standard Requirements, Terminology, and Test Procedures for Neutral Grounding Devices

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 4 (2013) Standard Techniques for High Voltage Testing

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 43 (2013) Recommended Practice for Testing Insulation Resistance of Rotating Machinery

IEEE 450 (2010) Recommended Practice for Maintenance, Testing, and Replacement of Vented Lead-Acid Batteries for Stationary Applications

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 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 602 (2007) Recommended Practice for Electric Systems in Health Care Facilities - White Book

IEEE 62 (1995; R 2005) Guide for Diagnostic Field Testing of Electric Power Apparatus-Part 1: Oil Filled Power Transformers, Regulators, and Reactors

IEEE 754 (2008) Floating-Point Arithmetic - IEEE Computer Society

IEEE 80 (2013) Guide for Safety in AC Substation Grounding

IEEE 802.11 WARNING: Text in tags exceeds the maximum length of 300 characters

IEEE 802.1x (2010) Local and Metropolitan Area Networks - Port Based Network Access Control

IEEE 802.3 (2015; CORR 2017; AMD 1 2017) Ethernet

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 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 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 (1999; AMD 1 2005; Corr 1 2007; R 2007; Errata 2007; Amendment B 2011) 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 C37.121 (2012) American National Standard for Switchgear-Unit Substations - Requirements

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 C37.2 (2008) Standard for Electrical Power System Device Function Numbers, Acronyms and Contact Designations
- 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 Metal-Enclosed Switchgear Rated Up to 38 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 C37.32 (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) Standard 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 (2012) Standard Requirements for Overhead, Pad Mounted, Dry Vault and Submersible Automatic Circuit Reclosers and Fault Interrupters 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 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 C57.110 (2008) Recommended Practice for Establishing Liquid-Filled and Dry-Type Power and Distribution Transformer Capability When Supplying Nonsinusoidal Load Currents
- 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 (2013) Liquid-Immersed Power Transformers  
Corrigendum 2: Correction of A.3.2.13  
Autotransformer LTC Application Considerations
- IEEE C57.12.20 (2017) Standard for Overhead Type Distribution Transformers, 500 KVA and Smaller: High Voltage 34 500 Volts and Below: Low Voltage, 7970/13,800 Y Volts 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 C57.12.34 (2009) Standard for Requirements for Pad-Mounted, Compartmental-Type, Self-Cooled, Three-Phase Distribution Transformers, 5 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 (2008) Standard for Ventilated Dry-Type Power Transformers, 501 kVA and Larger, Three-Phase, with High-Voltage 601 to 34,500 Volts, Low-voltage 208Y/120 to 4160 Volts - General Requirement
- 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 C57.124 (1991; R 2002) Recommended Practice for the Detection of Partial Discharge and the Measurement of Apparent Charge in Dry-Type 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 (2009) 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 C62.11 (2012) Standard for Metal-Oxide Surge Arresters for Alternating Current Power Circuits (>1kV)
- IEEE C62.33 (2016) Standard for Test Specifications for Varistor Surge-Protective Devices
- 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 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)

- 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

INSTITUTE OF TRANSPORTATION ENGINEERS (ITE)

- ITE ATC 5201 (2006; v5.2b) Advanced Transportation Controller (ATC) Standard

INSTRUCTIONS AND STANDARDS FOR NAVBASE GUANTANAMO BAY CUBA (COMNAVBASEGTMOINST)

- 11300.3 Base Energy Conservation Regulations
- 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
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 Z1000 (2013) Prefabricated Septic Tanks

IAPMO Z124.3 (2005) Plastic Lavatories

IAPMO Z124.5 (2013; E 2013) Plastic Toilet Seats

IAPMO Z124.8 (1990) Plastic Bathtub Liners

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 UMC (2015) Uniform Mechanical 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 60034-14 (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 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 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 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 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; ED 1.0) 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 (2012; ED 2.0) High Voltage Switchgear And Controlgear - Part 111: Automatic Circuit Reclosers and Fault Interrupters for Alternating Current Systems up to 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 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 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 11727	(1999) Pneumatic Fluid Power - Identification of Ports and Control Mechanisms of Control Valves and Other Components
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 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 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 16889	(2008) Hydraulic Fluid Power - 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 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 21940-11 (2016) Mechanical vibration -- Rotor balancing -- Part 11: Procedures and Tolerances for Rotors with Rigid Behavior

ISO 228-1 (2000) Pipe Threads Where Pressure-Tight Joints Are Not Made on The Threads - Part 1: Dimensions, Tolerances and Designation

ISO 2551 (1981) Machine-made Textile Floor Coverings - Determination of Dimensional Changes Due to the Effects of Varied Water and Heat Conditions

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 2758 (2014) Paper - Determination of Bursting Strength

ISO 281 (2007) Rolling Bearings -- Dynamic Load Ratings and Rating Life

ISO 2858 (1975) End Suction Centrifugal Pump (Rating 16 Bar) Designation Nominal Duty Point and Dimensions - International Restrictions

ISO 3046 (1986; Am. 1) Reciprocating Internal Combustion Engines - Performance

ISO 32000-1 (2008) Document Management -- Portable Document Format -- Part 1: PDF 1.7

ISO 34-1 (2015) Rubber, Vulcanized and 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 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 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 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 6781 (1983) Thermal Insulation - Qualitative Detection of Thermal Irregularities in Building Envelopes - Infrared Method
- 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 815-1 (2014) Rubber, Vulcanized or Thermoplastic -- Determination of Compression Set -- Part 1: At Ambient or Elevated Temperatures
- ISO 8528 (1993; R 2005) Reciprocating Internal Combustion Engine Driven Alternating Current Generator Sets
- 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 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 9001 (2008; Corr 1 2009) Quality Management Systems- Requirements
- ISO 9461 (1992) Hydraulic Fluid Power - Identification of Valve Ports, Subplates, Control Devices and Solenoids
- ISO ISO/IEC 17020 (2012) Conformity Assessment - Requirements for the Operation of Various Types of Bodies Performing Inspection
- ISO ISO/IEC 17065 (2012) Conformity Assessment - Requirements for Bodies Certifying Products, Processes and Services

INTERNATIONAL SAFETY EQUIPMENT ASSOCIATION (ISEA)

- ANSI/ISEA Z358.1 (2014) American National Standard for Emergency Eyewash and Shower Equipment
- 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

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 18.1 (1979; R2004) Annunciator Sequences and Specifications
- 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 51.1 (1979; R1993) Process Instrumentation Terminology
- ISA 7.0.01 (1996) Quality Standard for Instrument Air

ISA MC96.1 (1982) Temperature Measurement Thermocouples  
ISA RP2.1 (1978) Manometer Tables  
ISA RP60.9 (1981) Piping Guide for Control Centers

INTERNATIONAL TELECOMMUNICATION UNION (ITU)

ITU V.34 (1998) Data Communication Over the Telephone Network: A Modem Operating at Data Signaling Rates of up to 33,600 Bit/S for Use on the General Switched Telephone Network and on Leased Point-To-Point 2-Wire Telephone-Type Circuits  
ITU V.42 bis (1990) Data Communication over the Telephone Network: Data Compression Procedures for Data Circuit Terminating Equipment (DCE) Using Error Correction Procedures

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. 373 (April 30, 1976) Norms for the containment of energy consumption for thermal uses in buildings.  
Law No. 46 (March 5, 1990) Safety Norms for Technological Systems

Japanese Standards Association (JSA)

JSA JIS B 1519 (2009; R 2013) 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-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-25 (2013) 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 (1993; Reaffirmed 2010) 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 (2011; Errata 2013) 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

MAPLE FLOORING MANUFACTURERS ASSOCIATION (MFMA)

- MFMA AFSFSL (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 10	(2012) Latex, Exterior Flat (MPI Gloss Level 1)
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 11	(2012) Latex, Exterior Semi-Gloss, MPI Gloss Level 5
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 13	(2012) Stain, Exterior Solvent-Based, Semi-Transparent
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 16 (2012) Stain, Exterior, Water Based, Solid Hide

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 19 (2012) Primer, Zinc Rich, Inorganic

MPI 2 (2012) Aluminum Heat Resistant Enamel (up to 427 C and 800 F)

MPI 21 (2012) Heat Resistant Coating, (Up to 205°C/402°F), MPI Gloss Level 6

MPI 212 (2012) Floor Coating, Thin Film, for Aircraft Maintenance Facilities

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 4 (2012) Interior/Exterior Latex Block Filler

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 5 (2012) Primer, Exterior Alkyd Wood

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 6 (2012) Primer, Exterior Latex Wood

MPI 60 (2012) Floor Paint, Latex, Low Gloss

MPI 68 (2012) Floor Paint, Latex, Gloss

MPI 7 (Oct 2009) Exterior Oil Wood Primer

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 8 (2012) Alkyd, Exterior Flat (MPI Gloss Level I)

MPI 9 (2012) Alkyd, Exterior Gloss (MPI Gloss Level 6)

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 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

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 (2001; R 2014) Impressed Current Cathodic Protection of Internal Submerged Surfaces
- 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 (2011; Change 2) 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 49 (1976) Structural Shielding Design and Evaluation for Medical Use of X-Rays and Gamma Rays of Energies up to 10 MeV

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 (2013) Electric lamps: Single-Ended Metal Halide Lamps
- ANSI C119.1 (2016) Electric Connectors - Sealed Insulated Underground Connector Systems Rated 600 Volts

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 C12.7 (2014) Requirements for Watthour Meter Sockets

ANSI C136.10 (2010) American National Standard for 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 (2004; R 2009) American National Standard for Roadway 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 C136.2 (2015) American National Standard for Roadway and Area Lighting Equipment: Luminaires Voltage Classification

ANSI C136.21 (2014) American National Standard for Roadway and Area Lighting Equipment - Vertical Tenons Used with Post-Top-Mounted Luminaires

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 C29.1 (1988; R 2012) American National Standard for Electrical Power Insulators--Test Methods

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) American National Standard for Wet-Process Porcelain Insulators - Apparatus, Post-Type

ANSI C37.44 (1981; R 1992) Special for Distribution Oil Cutouts and Fuze Links

ANSI C62.61 (1993) American National Standard for Gas Tube Surge Arresters on Wire Line Telephone Circuits

ANSI C78.1381 (1998) American National Standard for Electric Lamps - 250-Watt, 70 Watt, M85 Metal-Halide Lamps

ANSI C78.23 (1995; R 2003) American National Standard for Incandescent Lamps - Miscellaneous Types

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 C78.40 (2011) American National Standard for Mercury Lamps--Specifications

ANSI C78.901 (2016) Electric Lamps - Single Base Fluorescent Lamps--Dimensional and Electrical Characteristics

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 C82.1 (2004; R 2015) American National Standard for Electric Lamp Ballasts - Line Frequency Fluorescent Lamp Ballasts

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 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 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 107 (1987; R 1993) Methods of Measurement of Radio Influence Voltage (RIV) of High-Voltage Apparatus (inactive)

NEMA 250 (2014) 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 C78.377 (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 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 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 ANSLG C82.9 (2010) American National Standard for Lamp Ballasts- High-Intensity Discharge and Low-Pressure Sodium Lamps- Definitions

NEMA BU 1.1 (2010) General Instructions for Proper Handling, Installation, Operation and Maintenance of Busway Rated 600 V or Less

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 C12.19 (2012) Utility Industry End Device Data Tables

NEMA C12.4 (1984; R 2011) Registers - Mechanical Demand

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 (2010) American National for Roadway and Area Lighting Equipment - Luminaire Vibration

NEMA C29.2B (2013) Wet Process Porcelain and Toughened Glass - Transmission Suspension Type

NEMA C37.50 (2012) American National Standard for Switchgear--Low-Voltage AC Power Circuit Breakers Used in Enclosures - Test Procedures

NEMA C37.51 (2003; R 2010; Addenda 2010) American National Standard for 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 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 10 Part 2	(2005) AC Transfer Equipment, Part 2: Static AC Transfer Equipment
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	(2009; R 2014) 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 8	(2011) Crane and Hoist Controllers
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	(2016; SUPP 2016) 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 MG 2	(2014) Safety Standard for Construction and Guide for Selection, Installation and Use of Electric Motors and Generators
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	(2010) 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	(1992; R 1997) Standard for Dry-Type Transformers for General Applications
NEMA TC 14	(2002) Standard for Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
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 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 26	(2008) Binational Wire and Cable Packaging Standard
NEMA WC 27500	(2015) Standard for Aerospace and Industrial Electrical Cable
NEMA WC 3	(1992; Rev 1 1994) Rubber-Insulated Wire and Cable for the Transmission and Distribution of Electrical Energy
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 7 (1988; Rev 3 1996)  
Cross-Linked-Thermosetting-Polyethylene-Insulated  
Wire and Cable for the Transmission and  
Distribution of Electrical Energy

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 8 (1988; Rev 3 1996)  
Ethylene-Propylene-Rubber-Insulated Wire and Cable  
for the Transmission and Distribution of Electrical  
Energy

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) American National Standard for  
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

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

NFPA 1 (2018) Fire Code

NFPA 10 (2018; TIA 18-1) Standard for Portable Fire Extinguishers

NFPA 101 (2018; TIA 18-1) Life Safety Code

NFPA 105 (2016; TIA 16-1) Standard for Smoke Door Assemblies and Other Opening Protectives

NFPA 11 (2016; ERTA 2016) Standard for Low-, Medium- and High- Expansion Foam

NFPA 110 (2016) Standard for Emergency and Standby Power Systems

NFPA 111 (2019) Standard on Stored Electrical Energy Emergency and Standby Power Systems

NFPA 12 (2018) Standard on Carbon Dioxide Extinguishing Systems

NFPA 1221 (2016; TIA 17-1; TIA 17-2) Standard for the Installation, Maintenance and Use of Emergency Services Communications 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 (2015) 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	(2016) 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 170	(2018) Standard for Fire Safety and Emergency Symbols
NFPA 17A	(2013) Standard for Wet Chemical Extinguishing Systems
NFPA 1961	(2013) Standard on Fire Hose
NFPA 1963	(2014) 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 20	(2016; ERTA 2016) Standard for the Installation of Stationary Pumps for Fire Protection
NFPA 2001	(2018) Standard on Clean Agent Fire Extinguishing Systems
NFPA 211	(2016) Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances
NFPA 214	(2016) Standard on Water-Cooling Towers
NFPA 22	(2018) Standard for Water Tanks for Private Fire Protection
NFPA 220	(2018) Standard on Types of Building Construction
NFPA 24	(2016; ERTA 2016) Standard for the Installation of Private Fire Service Mains and Their Appurtenances
NFPA 241	(2013; Errata 2015) Standard for Safeguarding Construction, Alteration, and Demolition Operations
NFPA 25	(2017; TIA 17-1; TIA 17-2) Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems
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 (2015) Standard method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces
- NFPA 265 (2015) Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile 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 (2015) 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 30 (2015; ERTA 1 2016) Flammable and Combustible Liquids Code
- NFPA 303 (2016) Fire Protection Standards for Marinas and Boatyards
- NFPA 306 (2014) Standard for Control of Gas Hazards on Vessels

NFPA 30A (2018) Code for Motor Fuel Dispensing Facilities and Repair Garages

NFPA 31 (2016) Standard for the Installation of Oil-Burning Equipment

NFPA 329 (2015) Recommended Practice for Handling Releases of Flammable and Combustible Liquids and Gases

NFPA 37 (2018) Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines

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 45 (2015; TIA 15-1) Standard on Fire Protection for Laboratories Using Chemicals

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 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 (2017; ERTA 17-1) Liquefied Petroleum Gas Code

NFPA 65 (1993) Processing and Finishing of Aluminum

NFPA 664 (2017) Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities

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) National Electrical Code

NFPA 701 (2015) 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 70B	(2016) Recommended Practice for Electrical Equipment Maintenance
NFPA 70E	(2018; TIA 18-1; TIA 81-2) Standard for Electrical Safety in the Workplace
NFPA 72	(2016) 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 780	(2017) Standard for the Installation of Lightning Protection Systems
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	(2014) Standard on Incinerators and Waste and Linen Handling Systems and Equipment
NFPA 820	(2016) Standard for Fire Protection in Wastewater Treatment and Collection Facilities
NFPA 85	(2015; Errata 1 2015; ERTA 2 2016) 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	(2015) 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

NATIONAL FLUID POWER ASSOCIATION (NFLPA)

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 T3.28.9 (1989; R 2009; 2nd Ed) Fluid Power Systems and  
Products - Moving Parts Fluid Controls - Method of  
Diagramming

NFLPA T3.5.1 (2002; R 2015) Hydraulic Fluid Power - Valves,  
Mounting Surfaces

NATIONAL HARDWOOD LUMBER ASSOCIATION (NHLA)

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

NIOSH 2008-132 (2008) Attention Emergency Responders - Guidance on  
Emergency Responder - Personal Protective Equipment  
(PPE) for Response to Chemical, Biological,  
Radiological, and Nuclear (CBRN) Terrorism Incidents

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 99-127 (1999; R 2004) Certified Equipment List

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

NIST HB 44 (2016) Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices

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

NRMCA TMMB 100 (2001; R 2007) Truck Mixer, Agitator and Front Discharge Concrete Carrier Standards

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

NEW YORK STATE DEPARTMENT OF TRANSPORTATION MATERIALS BUREAU (NYSDOT)

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

Aggregate

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 372 (2011) Drinking Water System Components - Lead Content
- NSF 53A (2012) Drinking Water Treatment Units - Health Effects
- NSF Food Equipment (2005) NSF Product Listings of Food Equipment and Related Products, Components and Materials
- NSF/ANSI 12 (2017) Automatic Ice Making Equipment
- NSF/ANSI 13 (2017) Refuse Processors and Processing Equipment
- NSF/ANSI 14 (2017b) Plastics Piping System Components and Related Materials
- NSF/ANSI 169 (2012) Special Purpose Food Equipment and Devices
- NSF/ANSI 18 (2016) Manual Food and Beverage Dispensing Equipment
- NSF/ANSI 2 (2015) Food Equipment
- NSF/ANSI 20 (2016) Commercial Bulk Milk Dispensing Equipment
- NSF/ANSI 21 (2012) Thermoplastic Refuse Containers
- NSF/ANSI 222 (2006e; R 2011) Ozone Generators



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 3 (2017) Commercial Warewashing Equipment  
 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 4 (2016) Commercial Cooking, Rethermalization and Powered Hot Food Holding and Transportation Equipment  
 NSF/ANSI 42 (2017) 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 6 (2016) Dispensing Freezers  
 NSF/ANSI 60 (2017) Drinking Water Treatment Chemicals - Health Effects  
 NSF/ANSI 61 (2017) Drinking Water System Components - Health Effects  
 NSF/ANSI 7 (2016) Commercial Refrigerators and Freezers  
 NSF/ANSI 8 (2017) Commercial Powered Food Preparation Equipment  
 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  
 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 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) Color Coding of Piping Materials
- PFI ES 3 (2009) Fabricating Tolerances
- 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 ES 7 (2013) Minimum Length and Spacing for Welded Nozzles
- 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 (2000; Addendum 3 2011) Specifications 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 (2012; ERTA 2012; Addendum 1 2013) 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

SCS SP-01 (2000) Environmentally Preferable Product Specification for Architectural and Anti-Corrosive Paints

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

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

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

SSPC PA 2 (2015; E 2017) Procedure for Determining

Conformance to Dry Coating Thickness 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 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 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 Guide 17.00	(1982; E 2004) Guide for Selecting Urethane Painting Systems
SSPC Paint 104	(1982; E 2004) White or Tinted Alkyd Paint
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 27	(1982; E 2004) Basic Zinc Chromate-Vinyl Butyral Wash Primer
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 Painting Manual	(2002) Good Painting Practice, Steel Structures Painting Manual, Volume 1
SSPC QP 1	(2012; E 2012) 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 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 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 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-22542 (2012; Rev A; Stabilized (S) 2012) Cleaning Compound, High Pressure Cleaner, Liquid

SAE AMS-C-6183 (2013; Rev A) Cork and Rubber Composition Sheet; for Aromatic Fuel and Oil Resistant Gaskets

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 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 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 AS598 (2012) Aerospace Microscopic Sizing and Counting of Particulate Contamination for Fluid Power Systems

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

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 (2012) V-Belts and Pulleys

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)

16 VAC 25-20-30 Title 16, Agency 25, Chapter 20, Section 30: Notification and Permit Fee

16 VAC 25-35 Title 16, Agency 25, Chapter 35: Regulation Concerning Certified Lead Contractor's Notification, Lead Project Permits And Permit Fees

18 VAC 15-30 Title 18, Agency 15, Chapter 30: Virginia Lead-Based Paint Activities Regulations

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 A250.11 (2001) Recommended Erection Instructions for Steel Frames
- 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

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

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 (2010) 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-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-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-455-104 (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-455-13 (1996a; R 2012) FOTP-13 Visual and Mechanical Inspection of Fiber Optic Components, Devices, and Assemblies
- 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-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-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-526-14	(2015c) OFSTP-14A Optical Power Loss Measurements of Installed Multimode Fiber Cable Plant
TIA-526-7	(2015a) OFSTP-7 Measurement of Optical Power Loss of Installed Single-Mode 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	(2011b) Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises
TIA-758	(2012b) Customer-Owned Outside Plant Telecommunications Infrastructure Standard
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-455-171 (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-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-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-4750000-C (1996) Generic Specifications for Fiber Optic Connectors (ANSI)
- TIA/EIA-598 (2014D; Add 2 2018) Optical Fiber Cable Color Coding
- 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-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

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 48-1 (2005, Change 2009) Respiratory Protection Program

AF 91-501 (2004) Air Force Consolidated Occupational Safety Standard

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 (1998) Grounding Systems

AFI 91-202 (1998; Change 2010) US Air Force Mishap Prevention Program

AFOSHSTD 91-38 (1997) Hydrocarbon Fuels - General

U.S. ARMY (DA)

DA AR 25-2 (2007; RAR 2009) Information Assurance  
DA AR 55-80 (2003) DOD Transportation Engineering Program  
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 TR 99/104 (1999) Greaseless Bushings for Hydropower Applications: Program, Testing, and Results  
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 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 39 (1981) Test Method for Coefficient of Linear Thermal Expansion of 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 53 (2001) Test Method for Consistency of No-Slump Concrete Using the Modified Vebe Apparatus

COE CRD-C 548 (1988) Standard Specification for Jet-Fuel and Heat-Resistant Preformed Polychloroprene Elastomeric Joint Seals for Rigid Pavements

COE CRD-C 55 (1992) Test Method for Within-Batch Uniformity of Freshly Mixed Concrete

COE CRD-C 572 (1974) Corps of Engineers Specifications for Polyvinylchloride Waterstops

COE CRD-C 61 (1989A) Test Method for Determining the Resistance of Freshly Mixed Concrete to Washing Out in Water

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)

COE CRD-C 94 (1995) Corps of Engineers Specification for Surface Retarders

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

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

EP 1110-1-11 (1992; Change 1 1997) Engineering and Design -- Asbestos Abatement Guideline Detail Sheets

EP 1110-1-19 (2001) A Guide to Preparing and Reviewing Remedial Action Reports of Cost and Performance

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

ER 1-1-11 (1995) Administration -- Progress, Schedules, and Network Analysis Systems

ER 1110-1-12 (2006; Change 1) Engineering and Design -- Quality Management

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

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

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 CENTER (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)

10 USC 6011 Navy Regulations  
8 USC 1101 Definitions  
USC Title 42 The Public Health and Welfare

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)  
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)

RUS 1755 Telecommunications Standards and Specifications for Materials, Equipment and Construction

RUS 202-1 (2004) List of Materials Acceptable for Use on Systems of RUS Electrification Borrowers

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-205 (1987) Filled Telephone Cables (PE-39)

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)

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)

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 4500.9-R (2007) Defense Transportation Regulation - Part II: Cargo Movement

DOD 4715.05-G (2007) Overseas Environmental Baseline Guidance Document

DOD 5100.76-M (2012) 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 8500.01 (2014) 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) 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 2) Navy and Marine Corps Design Procedures

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-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-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-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-C-882 (1989; Rev E) Cloth, Duck, Cotton or Cotton-Polyester Blend, Synthetic Rubber, Impregnated, and Laminated, Oil Resistant

MIL-D-16791 (1990; Rev G, Am 1 1993) Detergents, General Purpose (Liquid, Non-Ionic)

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 (1997; Rev F) Plates, Tags and Bands 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-29229 (Rev B, Notice 1) Switches and Frogs, Track, Fabricated, for Portal Cranes

MIL-DTL-32101 (2006; Rev A; AMD 1 2011; AMD 2 2012; AMD 3 2014; Rev B - Controlled Distribution Document) Carbon, Activated, Impregnated, Copper-silver-Zinc-Molybdenum-Triethylenediamine (ASZM-TEDA) - Controlled Distribution Document

MIL-DTL-38219 (1998; Rev D; Notice 1 2016) Turbine Fuel, Low Volatility, JP-7

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-5904 (2010; Rev E; Notice 1 2015) Light, Runway Marker, Elevated, Type C-1

MIL-DTL-7830 (2007; Rev E; Notice 1) Light Assembly, Marker, Aircraft Obstruction

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 (2014; Rev E) Connectors and Assemblies, Electrical, Aircraft Grounding: Plugs, for Types I and II Grounding Assemblies

MIL-DTL-83413/7 (2015; Rev F; Am 1 2016) 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) Preparation of Test Reports

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-I-631 (1961; Rev D; Am 6 1987) Insulation, Electrical, Synthetic-Resin Composition, Nonrigid

MIL-L-26764 (1970; Rev B) Light, Marker, Airport Approach, High Intensity, Type MB-2

MIL-L-26990 (1967; Rev B; Am 2 1978) Light, Marker, Airport Approach, High Intensity, Type MB-1

MIL-L-29575 (1989) Light, Wave-Off, Flashing, Capacitance-Discharge

MIL-L-7158 (1969; Rev E; Notice 1 1991; Notice 2 2017) Light, Beacon, Rotating, 24-Inch

MIL-P-21035 (1991; Rev B; Notice 2 2003) Paint, High Zinc Dust Content, Galvanizing Repair (Metric)

MIL-P-8944 (1970; Rev A; Am 1 1983; Notice 2) Panel, Airport Lighting Control, General Specification for

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 (2013; Rev K) 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 (2011; Rev G) 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-24635 (2009; Rev E) Coating Systems, Weather Resistant, Exterior Use

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-370 (2017; Rev K) Hose And Hose Assemblies, Nonmetallic: Elastomeric, Liquid Fuel

MIL-PRF-4556 (1998; Rev F; Am 1 1999; CANC Notice 1 2011) Coating Kit, Epoxy, for Interior of Steel Fuel Tanks

MIL-PRF-52747 (1996; Rev F) Nozzle Assembly, Closed-Circuit Refueling, Standard and Arctic Service

MIL-PRF-52748 (1995; Rev F; Notice 1 2004; Notice 2 2010; Notice 3 2015) Nozzle, Adapter, Closed-Circuit to Gravity Fill, Standard and Arctic Service

MIL-PRF-680 (2010; Rev C; Notice 1 2015) Degreasing Solvent

MIL-PRF-85285 (2012; Rev E; Notice 1 2016) Coating: Polyurethane Aircraft and Support Equipment

MIL-PRF-907 (2004; Rev F) Antiseize Thread Compound, High Temperature

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) Military Marking for Shipment and Storage

MIL-STD-130 (2007; Rev N; Change 1 2012) Identification Marking of U.S. Military Property

MIL-STD-1399-300 (2008; Rev B) Electric Power, Alternating Current

MIL-STD-161 (2005; Rev G; Notice 1 2010) Identification Methods for Bulk Petroleum Products Systems Including Hydrocarbon Missile Fuels

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-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-2042 (2002; Rev B; Notice 1 2007) Fiber Optic Cable Topology Installation Standard Methods for Naval Ships

MIL-STD-220 (2009; Rev C; Notice 1 2014) 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-3004 ((2014; Rev D; Chg 2015) Quality Assurance/Surveillance for Fuels, Lubricants and Related Products

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 (2008; Rev G; Change 1 2014) Environmental Engineering Considerations and Laboratory Tests

MIL-STD-889 (2016; Rev C) Dissimilar Metals

MIL-T-152 (1961; Rev B; Am 2 1966; Notice 2 2000; Notice 3 2006; Notice 4 2011) Treatment, 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-27535 (1964; Rev A; Supp 1 1964; Am 2 1965; Notice 2 1993; Notice 3 1999; Notice 4 2016) Transformer, Power, Isolation, Series Circuit, Airport Lighting, General Specification for

MIL-T-81772 (1986; Rev B; Am 1 1991) Thinner, Aircraft Coating

MIL-V-12003 (1980; Rev F; Am 1; CANC Notice 1) Valves, Plug, Cast-Iron or Steel, Manually Operated

MIL-V-173 (1969; Rev C; Am 2; CANC Notice 3) Varnish, Moisture and Fungus Resistant (For Treatment of Communications, Electronic, and Associated Equipment)

MS 17814 (1972; Rev C; Am 1 2002; Notice 1 2006; Notice 2 2012) Coupling, Frangible, Aviation Ground Lights

SAE CMH-17-36 (2012) Composite Materials Handbook, Vol. 3, Polymer Matrix Composites Material Usage, Design, and Analysis

UFC 1-200-01 (2016) DoD Building Code (General Building Requirements)

UFC 1-200-02 (2016, with Change 1) High Performance and Sustainable Building Requirements

UFC 1-300-02 (2014, with Change 1) Unified Facilities Guide

Specifications (UFGS) Format Standard

UFC 1-300-08	(2009, with Change 2) Criteria for Transfer and Acceptance of DoD Real Property
UFC 3-101-01	(2011; with Change 1) Architecture
UFC 3-230-03	(2012) Water Treatment
UFC 3-250-01	(2016) Pavement Design for Roads and Parking Areas
UFC 3-301-01	(2013; with Change 3) Structural Engineering
UFC 3-310-04	(2013; with Change 1) Seismic Design for Buildings
UFC 3-460-03	(2003) O&M: Maintenance of Petroleum Systems
UFC 3-501-01	(2015;) Electrical Engineering
UFC 3-560-01	(2017) Operations and Maintenance: Electrical Safety
UFC 3-600-01	(2016; with Change 1) 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	(2012; with Change 1) DoD Minimum Antiterrorism Standards for Buildings
UFC 4-010-06	(2016; with Change 1) Cybersecurity of Facility-Related Control Systems
UFC 4-021-01	(2008; with Change 1) Design and O&M: Mass Notification Systems
UFC 4-023-03	(2009; with Change 3) Design of Buildings to Resist Progressive Collapse

U.S. DEPARTMENT OF ENERGY (DOE)

DOE CI-1	(2001) How to Buy a Premium Energy-Efficient Electric Motor
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 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

SD-STD-02.01 (2003; Rev A) Specification For Vehicle Crash Test  
of Perimeter Barriers and Gates

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-92-004 (1992) Indoor Radon and Radon Decay Product  
Measurement Device Protocols

EPA 402-R-92-014 (1993) Radon Measurement in Schools

EPA 402-R-93-003 (1993) Protocols for Radon and Radon Decay Product  
Measurements in Homes

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

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  
SNAP (2016) EPA's Significant New Alternatives Policy Program

U.S. FEDERAL AVIATION ADMINISTRATION (FAA)

FAA 6850.19 (1978) Frangible Coupling  
FAA AC 150/5300-13 (2012; Rev A; Change 1 2014; Errata 2016; Errata 2 2017) 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 150/5340-30 (2018; Rev J) Design and Installation Details for Airport Visual Aids  
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 150/5345-3 (2007; Rev F) Specification for L-821 Panels for Control to Airport Lighting  
FAA AC 150/5345-42 (2013; Rev G) Specification for Airport Light Bases, Transformer Housings, Junction Boxes and Accessories  
FAA AC 150/5345-43 (2016; Rev H) 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 150/5345-5	(2006; Rev B) Specification for Airport Lighting Circuit Selector Switch
FAA AC 150/5345-51	(2005; Rev A) Specification for Discharge-Type Flashing Light Equipment
FAA AC 150/5345-7	(2013; Rev F) Specification for L-824 Underground Electrical Cable for Airport Lighting Circuits
FAA AC 150/5370-10	(2014; Rev G; Errata 1 2015; Errata 2 2016) Standards for Specifying Construction of Airports
FAA AC 70/7460-1	(2015; Rev L) Obstruction Marking and Lighting
FAA E-1315	(1967; Rev A; Am 1971) Light Base and Transformer Housing
FAA E-2159	(2004; Rev E) Runway End Identifier Lighting System (REIL)
FAA E-2519	(1972; Rev A) Types I and II
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 E-2756	(2004; Rev B) Four Box Precision Approach Path Indicator (PAPI) without Remote Monitoring Subsystem (RMS)
FAA E-2980	(2005) Medium Intensity Approach Lighting System with Runway Alignment Indicator Lights (MALSR)
FAA E-982	(2003; Rev J) PAR-56 Lampholder

U.S. FEDERAL COMMUNICATIONS COMMISSION (FCC)

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)

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)

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)

CID A-A-1924 (Rev A; Notice 2) 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-203 (Rev C; Notice 3) Paper, Kraft, Untreated

CID A-A-272 (Rev B; Notice 1) Caulking Compounds

CID A-A-2962 (Rev A; Notice 2) Enamel, Alkyd, Gloss, Low VOC Content

CID A-A-3120 (Rev A) Paint: For Swimming Pools

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

CID A-A-50573 (Basic) 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 (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) 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

CID A-A-857 (Rev B, Notice 3) Thinner, Dope and Lacquer (Cellulose Nitrate)

FED-STD-141 (Rev D) Paint, Varnish, Lacquer and Related Materials: Methods of Inspection, Sampling and Testing

FED-STD-228 (Rev A) Testing 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-429 (Rev F; Notice 1) Cloth, Osnaburg, Cotton

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-2901 (Basic; Notice 1) Feeders, Boiler Water Treatment, By-Pass and Compound Receiver Types

FS F-F-351 (Rev F; Notice 1) Filters and Filter Elements, Fluid Pressure: Lubricating Oil, Bypass and Full Flow

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 (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-1401 (Rev C; Am 1; Notices 1, 2) Sealant, Joint, Non-Jet-Fuel-Resistant, Hot-Applied, for Portland Cement and Asphalt Concrete Pavements

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 TT-B-1325 (Rev D; Notice 1; Notice 2 2017) Beads (Glass Spheres) Retro-Reflective (Metric)

FS TT-C-490 (Rev F; Am 3) 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-1952 (2015; Rev F) Paint, Traffic and Airfield Markings, Waterborne

FS TT-P-28 (Rev H) Paint, Aluminum, Heat Resisting (1200 Degrees F.)

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-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)

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 GBDC Ref Guide (2009; R 2010) LEED Reference Guide for Green Building Design, Construction and Major Renovations of Commercial and Institutional Buildings including Core & Shell and K-12 Projects

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 1020	Performance Standards for Ionizing Radiation Emitting Products
21 CFR 1040	Performance Standards for Light-Emitting Products
21 CFR 175	Indirect Food Additives: Adhesives and Components of Coatings
21 CFR 701	Cosmetic Labeling
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 1910.1000	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 1910.106	Flammable Liquids
29 CFR 1910.12	Construction Work
29 CFR 1910.120	Hazardous Waste Operations and Emergency Response
29 CFR 1910.1200	Hazard Communication

29 CFR 1910.132	Personal Protective Equipment
29 CFR 1910.133	Eye and Face Protection
29 CFR 1910.134	Respiratory Protection
29 CFR 1910.141	Sanitation
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 1910.20	Access to Employee Exposure and Medical Records
29 CFR 1910.212	Safety Standard for Machinery and Machine Guarding
29 CFR 1910.219	Mechanical Power Transmission Apparatus
29 CFR 1910.23	(Nov 2016) Ladders
29 CFR 1910.24	Step Bolts and Manhole Steps
29 CFR 1910.27	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 1910.306	Specific Purpose Equipment and Installations
29 CFR 1910.333	Selection and Use of Work Practices
29 CFR 1910.94	Ventilation
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 1926.103	Respiratory Protection

29 CFR 1926.1101	Asbestos
29 CFR 1926.1127	Cadmium
29 CFR 1926.1400	Cranes and Derricks in Construction
29 CFR 1926.16	Rules of Construction
29 CFR 1926.200	Accident Prevention Signs and Tags
29 CFR 1926.21	Safety Training and Education
29 CFR 1926.32	Safety and Health Regulations for Construction - Definition
29 CFR 1926.33	Access to Employee Exposure and Medical Records
29 CFR 1926.450	Scaffolds
29 CFR 1926.500	Fall Protection
29 CFR 1926.501	Duty to Have Fall Protection
29 CFR 1926.502	Fall Protection Systems Criteria and Practices
29 CFR 1926.51	Sanitation
29 CFR 1926.55	Gases, Vapors, Fumes, Dusts, and Mists
29 CFR 1926.552	Material Hoists, Personal Hoists, and Elevators
29 CFR 1926.553	Base-Mounted Drum Hoists
29 CFR 1926.59	Hazard Communication
29 CFR 1926.62	Lead
29 CFR 1926.65	Hazardous Waste Operations and Emergency Response
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
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 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
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 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 50	National Primary and Secondary Ambient Air Quality Standards
40 CFR 50.12	National Primary and Secondary Ambient Air Quality Standards for Lead
40 CFR 50.6	National Primary and Secondary Ambient Air Quality Standards for PM10
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 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 82	Protection of Stratospheric Ozone
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
47 CFR 68	Connection of Terminal Equipment to the Telephone Network
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 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)	
NAVFAC MO 225	(1990) Industrial Water Treatment
NAVFAC MO 324	(1992) Inspection and Certification of Boilers and Unfired Pressure Vessels
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)



NAVSEA T9074-AS-GIB-010/(1999; Notice 1) Requirements for Nondestructive Testing Methods

QPL-19140 (2011) 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)

QPL-26202 (2011) Light, Marker, Airport, Semiflush, General Specification for

UL ENVIRONMENT (ULE)

ULE Greenguard UL Greenguard Certification Program

UNDERWRITERS LABORATORIES (UL)

UL 1 (2005; Reprint Aug 2017) UL Standard for Safety Flexible Metal Conduit

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) Standard for 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 Dec 2017) UL Standard for Safety Hospital Signaling and Nurse Call Equipment
- UL 1072 (2006; Reprint Jun 2013) Medium-Voltage Power Cables
- UL 1076 (1995; Reprint Mar 2015) Proprietary Burglar Alarm Units and Systems
- UL 1086 (2016) UL Standard for Safety Household Trash Compactors
- UL 109 (1997; Reprint Jan 2083) Tube Fittings for Flammable and Combustible Fluids, Refrigeration Service, and Marine Use
- 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 1203 (2013; Reprint Feb 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 Apr 2014) Diesel Engines for Driving Stationary Fire Pumps
- UL 125 (2014; Reprint Jan 2018) Safety Flow Control Valves for Anhydrous Ammonia and LP-Gas
- 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) Office Furnishings
- UL 1310 (2011; Reprint Dec 2014) UL Standard for Safety Class 2 Power Units
- UL 1316 (1994; Reprint May 2006) Glass-Fiber-Reinforced Plastic Underground Storage Tanks for Petroleum Products, Alcohols, and Alcohol-Gasoline Mixtures

- 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 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 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 154 (2005; Reprint May 2014) Carbon-Dioxide Fire Extinguishers
- UL 155 (2000; Reprint Aug 2013) Standard Tests for Fire Resistance of Vault and File Room Doors
- UL 1558 (1999; Reprint Jun 2017) 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 (2014; Reprint Jul 2016) 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 (2014) 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 174 (2004; Reprint Apr 2015) Household Electric Storage Tank Water Heaters
- 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 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 1820 (2004; Reprint May 2013) UL Standard for Safety Fire Test of Pneumatic Tubing for Flame and Smoke Characteristics
- UL 183 (2009) UL Standard for Safety Manufactured Wiring Systems
- UL 1863 (2004; Reprint Sep 2016) UL Standard for Safety Communication Circuit Accessories

- UL 19 (2013) Lined Fire Hose and Hose Assemblies
- UL 1951 (2011; Reprint Aug 2017) UL Standard for Safety Electric Plumbing Accessories
- UL 197 (2010; Reprint Jan 2018) Commercial Electric Cooking Appliances
- UL 1971 (2002; Reprint Oct 2008) Signaling Devices for the Hearing Impaired
- UL 1981 (2014; Reprint Apr 2015) Standard for Central Station Automation Systems
- UL 198M (2003; Reprint Feb 2013) Standard for Mine-Duty Fuses
- UL 1994 (2015) UL Standard for Safety Luminous Egress Path Marking 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 20 (2010; Reprint Feb 2012) General-Use Snap Switches
- UL 2017 (2008; Reprint Jan 2016) General-Purpose Signaling Devices and Systems
- UL 2034 (2017; Reprint Dec 2017) 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 207 (2009; Reprint Jun 2014) Refrigerant-Containing Components and Accessories, Nonelectrical
- 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 209 (2011; Reprint May 2016) UL Standard for Safety Cellular Metal Floor Raceways and Fittings
- UL 2127 (2017) UL Standard for Safety Inert Gas Clean Agent

## Extinguishing System Units

- UL 2129 (2017) UL Standard for Safety Halocarbon Clean Agent Fire Extinguishers
- UL 214 (1997; Rev thru Aug 2001) Tests for Flame-Propagation of Fabrics and Films
- UL 2166 (2017) UL Standard for Safety Halocarbon Clean Agent Extinguishing System Units
- UL 2218 (2010; Reprint Jan 2018) UL Standard for Safety Impact Resistance of Prepared Roof Covering Materials
- 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 Feb 2013) 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 2556 (2015) UL Standard for Safety Wire and Cable Test Methods
- UL 262 (2004; Reprint Oct 2011) Gate Valves for Fire-Protection Service
- UL 263 (2011; Reprint Mar 2018) Fire Tests of Building Construction and Materials
- UL 268 (2016; Reprint Jul 2016) UL Standard for Safety Smoke Detectors for Fire Alarm Systems
- UL 268A (2008; Reprint Oct 2014) Smoke Detectors for Duct Application
- 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 294 (2018) 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 2015) Check Valves for Fire-Protection Service
- UL 325 (2017) UL Standard for Safety Door, Drapery, Gate, Louver, and Window Operators and Systems
- UL 33 (2010; Reprint Apr 2015) Heat Responsive Links for Fire-Protection Service
- UL 330 (2017) UL Standard for Safety Hose and Hose Assemblies for Dispensing Flammable Liquids
- UL 346 (2005; Reprint Oct 2014) Waterflow Indicators for Fire Protective Signaling Systems
- UL 353 (1994; Reprint Nov 2011) Standard for Limit Controls
- UL 360 (2013; Reprint Jan 2015) Liquid-Tight Flexible Steel Conduit
- UL 38 (2008; Reprint Nov 2013) Manual Signaling Boxes for Fire Alarm Systems
- UL 4 (2004; Reprint Feb 2018) Standard for Armored Cable
- UL 412 (2011; Reprint Sep 2013) Standard for Refrigeration Unit Coolers
- 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 427 (2011; Reprint Feb 2014) Refrigerating Units
- UL 429 (2013) Electrically Operated Valves
- UL 430 (2015; Reprint Feb 2018) Standard for Waste Disposers
- UL 437 (2013; Reprint Oct 2017) UL Standard for Safety Key Locks
- UL 44 (2018) Thermoset-Insulated Wires and Cables
- 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 Nov 2016) UL Standard for Safety Commercial Refrigerators and Freezers
- UL 484 (2014; Reprint Jul 2015) Standard for Room Air Conditioners
- UL 486A-486B (2013; Reprint Jan 2016) Wire Connectors
- UL 486C (2018) Splicing Wire Connectors
- UL 486E (2015; Reprint Nov 2017) 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 Nov 2017) UL Standard for Safety Attachment Plugs and Receptacles
- UL 499 (2014; Reprint Feb 2016) UL Standard for Safety Electric Heating Appliances
- UL 5 (2016) UL Standard for Safety Surface Metal Raceways and Fittings
- UL 50 (2015) UL Standard for Safety Enclosures for Electrical Equipment, Non-Environmental Considerations
- UL 506 (2017) UL Standard for Safety Specialty Transformers
- UL 507 (1999; Reprint Jun 2012) Standard for Electric Fans
- UL 508 (1999; Reprint Oct 2013) Industrial Control Equipment
- UL 5085-3 (2006; Reprint Nov 2012) Low Voltage Transformers - Part 3: Class 2 and Class 3 Transformers
- UL 508A (2013; Reprint Jul 2017) 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 Dec 2014) 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 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 574 (2003; Reprint Aug 2014) Standard for Electric Oil Heaters
- UL 58 (2018) Steel Underground Tanks for Flammable and Combustible Liquids
- UL 580 (2006; Reprint Oct 2013) Tests for Uplift Resistance of Roof Assemblies
- UL 586 (2009; Reprint Dec 2017) Standard for High-Efficiency Particulate, Air Filter Units
- UL 5A (2015) Nonmetallic Surface Raceways and Fittings
- UL 6 (2007; Reprint Nov 2014) Electrical Rigid Metal Conduit-Steel
- 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 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) Holdup Alarm Units and Systems
UL 639	(2007; Reprint May 2012) Standard for Intrusion Detection Units
UL 641	(2010; Reprint Dec 2017) Type L Low-Temperature Venting Systems
UL 651	(2011; Reprint Jun 2016) UL Standard for Safety Schedule 40 and 80 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 67	(2009; Reprint Nov 2017) UL Standard for Safety Panelboards
UL 674	(2011; Reprint May 2017) 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 6A	(2008; Reprint Nov 2014) Electrical Rigid Metal Conduit - Aluminum, Red Brass, and Stainless Steel
UL 705	(2017; Reprint Feb 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 Mar 2018) Nonmetallic-Sheathed Cables
UL 723	(2008; Reprint Dec 2017) Test for Surface Burning Characteristics of Building Materials
UL 726	(1995; Reprint Oct 2013) Oil-Fired Boiler Assemblies
UL 727	(2018) Standard for Oil-Fired Central Furnaces
UL 731	(2018) UL Standard for Safety Oil-Fired Unit Heaters
UL 732	(2018) Oil-Fired Storage Tank Water Heaters
UL 746C	(2018) UL Standard for Safety Polymeric Materials - Use in Electrical Equipment Evaluations

- UL 749 (2017) 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) Standard for Nonindustrial Photoelectric Switches for Lighting Control
- UL 778 (2016; Reprint Oct 2017) 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 8 (2016) UL Standard for Safety Water Based Agent Fire Extinguishers
- UL 80 (2007; Reprint Jan 2014) Standard for Steel Tanks for Oil-Burner Fuels and Other Combustible Liquids
- 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 Sep 2016) UL Standard for Safety Central-Station Alarm Services
- UL 83 (2017) UL Standard for Safety Thermoplastic-Insulated Wires and Cables
- UL 842 (2015; Reprint Oct 2017) UL Standard for Safety Valves for Flammable Fluids

- UL 844 (2012; Reprint Mar 2016) UL Standard for Safety Luminaires for Use in Hazardous (Classified) Locations
- UL 845 (2005; Reprint Jul 2011) 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 Nov 2017) UL Standard for Safety Household Electric Ranges
- UL 860 (2014) Pipe Unions for Flammable and Combustible Fluids and Fire-Protection Service
- UL 864 (2014) Standard for Control Units and Accessories for Fire Alarm Systems
- UL 869A (2006) Reference Standard for Service Equipment
- UL 87 (2016) UL Standard for Safety Power-Operated Dispensing Devices for Petroleum Products
- UL 870 (2016) UL Standard for Safety Wireways, Auxiliary Gutters, and Associated Fittings
- UL 873 (2007; Reprint Feb 2015) Standard for Temperature-Indicating and -Regulating Equipment
- UL 8750 (2015; Reprint Feb 2018) UL Standard for Safety Light Emitting Diode (LED) Equipment for Use in Lighting 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 891 (2005; Reprint Oct 2012) Switchboards
- UL 9 (2009; Reprint Feb 2015) Standard for Fire Tests of Window Assemblies
- UL 900 (2015) Standard for Air Filter Units
- UL 913 (2013; Reprint Apr 2015) 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 (2007; Reprint Aug 2014) 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 Jul 2017) UL Standard for Safety Microwave Cooking Appliances
- UL 924 (2016; Reprint Nov 2017) UL Standard for Safety Emergency Lighting and Power Equipment
- UL 935 (2001; Reprint Aug 2014) Standard for Fluorescent-Lamp Ballasts
- UL 94 (2013; Reprint Sep 2017) UL Standard for Safety Tests for Flammability of Plastic Materials for Parts in Devices and Appliances
- UL 943 (2016; Reprint Feb 2018) UL Standard for Safety Ground-Fault Circuit-Interrupters
- UL 96 (2016a) UL Standard for Safety Lightning Protection Components
- UL 969 (2017) UL Standard for Safety Marking and Labeling Systems
- UL 972 (2006; Reprint Dec 2015) Standard for Burglary Resisting Glazing Material Type
- UL 98 (2016) UL Standard for Safety Enclosed and Dead-Front Switches
- UL 984 (1996; Reprint Sep 2005) Hermetic Refrigerant Motor-Compressors
- 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 Constructn(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
- 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](http://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-173-160 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-173-60 Maximum Environmental Noise Levels

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  
 WOOLMARK COMPANY (WBI)  
**Woolmark** (1964) Certification for 100 Percent Pure New Wool