
U.S. Army Corps of Engineers

U.S. Navy Naval Facilities Engineering Command

U.S. Air Force Civil Engineer Support Center

U.S. National Aeronautics and Space Administration

Unified Master Reference List (UMRL)

July 2012

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 Support Agency (AFCESA), 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).

ACOUSTICAL SOCIETY OF AMERICA (ASA)

ASA S1.11	(2004; Errata 2005; R 2009) Specification for Octave- Band and Fractional-Octave-Band Analog and Digital Filters (ASA 65)
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	(2003; R 2008) Acoustics-Measurement of Noise and Vibration of Small Air-Moving Devices, Part 1: Airborne Noise Emission
ASA S12.11/Part 2	(2003; R 2008) Acoustics-Measurement of Noise and Vibration of Small Air-Moving Devices, Part 2: Structure-borne Vibration
ASA S12.23	(1989; R 2011) Method for the Designation of Sound Power Emitted by Machinery and Equipment
ASA S12.30	(1990; R 2002) Standard Guidelines for the Use of Sound Power Standards and for the Preparation of Noise Test Codes
ASA S12.51	(20127) Acoustics Determination of Sound Power Levels of Noise Sources using Sound Pressure Precision Method for Reverberation Rooms
ASA S12.53/1	(2011) 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 2009) 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) Acoustics - Determination of Sound Power Levels of Noise Sources Using Sound Pressure - Engineering Method in an Essentially Free Field over a Reflecting Plane
ASA S2.19	(1999; R 2004) Mechanical Vibration - Balance Quality Requirements of Rigid Rotors, Part 1: Determination of Permissible Residual Unbalance, Including Marine Applications
ASA S2.40	(1984; R 2001) Mechanical Vibration of Rotating and Reciprocating Machinery - Requirements for Instruments for Measuring Vibration Severity
ASA S2.71	(1983; R 2006) Guide to the Evaluation of Human

Exposure to Vibration in Buildings

- ASA S3.1 (1999; R 2008) Maximum Permissible Ambient Noise Levels for Audiometric Test Rooms (ASA 99)
- ASA S3.2 (2009) Method for Measuring the Intelligibility of Speech Over Communication Systems (ASA 85)
- ASA S3.41 (1990; R 2008) Audible Emergency Evacuation Signal (ASA 96)

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 (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 210 (2007) Laboratory Methods of Testing Fans for Aerodynamic Performance Rating
- AMCA 211 (2005) Certified Ratings Programme - Product Rating Manual for Air Fan Performance
- AMCA 220 (2005) Test Methods for Air Curtain Units
- AMCA 300 (2008) Reverberant Room Method for Sound Testing of Fans
- AMCA 301 (2006; INT 2007; Errata 2008) Methods for Calculating Fan Sound Ratings from Laboratory Test Data
- AMCA 500-D (2012) Laboratory Methods of Testing Dampers for Rating
- AMCA 500-L (2012) 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	(2010) Standards Handbook
AMCA 99-0401	(1986) Classifications for Spark Resistant Construction
AMCA Licensed Products	(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	(2011) Performance Rating of Air-to-Air Heat Exchangers for Energy Recovery Ventilation Heat Equipment
AHRI 260	(2001) Sound Rating of Ducted Air Moving and Conditioning Equipment
AHRI 320	(1998) Water-Source Heat Pumps
AHRI 325	(1998) Ground Water-Source Heat Pumps
AHRI 350	(2008) 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 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 440	(2008) Room Fan-Coils and Unit Ventilators
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	(2004) Performance Rating Of Positive Displacement

Refrigerant Compressors And Compressor Units

AHRI 550/590	(2003) Performance Rating of Water-Chilling Packages Using the Vapor Compression Cycle
AHRI 550/590 I-P	(2011) 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	(2011) Specifications for Fluorocarbon Refrigerants
AHRI 710	(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 740	(1998) Refrigerant Recovery/Recycling Equipment
AHRI 880	(2011) Performance Rating of Air Terminals
AHRI 885	(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) 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) Performance Rating of Commercial and Industrial Unitary Air-Conditioning and Heat Pump Equipment
ANSI/AHRI 370	(2011) 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	(2004) Performance Rating of Self-Contained Humidifiers for Residential Applications
ANSI/AHRI 640	(2005) Performance Rating of Commercial and Industrial Humidifiers
ANSI/AHRI 750	(2007) Thermostatic Refrigerant Expansion Valves
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	(2004) Standard for Packaged Terminal Air-Conditioners and Heat Pumps

ALLIANCE FOR TELECOMMUNICATIONS INDUSTRY SOLUTIONS (ATIS)

ATIS ANSI O5.1	(2008) Wood Poles -- Specifications & Dimensions
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ALUMINUM ASSOCIATION (AA)

AA ADM	(2010) Aluminum Design Manual
AA ADM-105	(2005; Errata 2005) Aluminum Design Manual
AA ASD1	(2009) 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	(2009) ANS Alloy & Temper Designation Systems for Aluminum
AA H35.2	(2009) ANS Dimensional Tolerances for Aluminum Mill Products
AA H35.2M	(2009) ANS Dimensional Tolerances for Aluminum Mill Products
AA PK-1	(2009) Pink Sheets: Designations and Chemical Composition Limits for Aluminum Alloys in the Form of Castings & Ingot

AMERICAN ARCHITECTURAL MANUFACTURERS ASSOCIATION (AAMA)

AAMA 1002.10	(1993) Voluntary Specification for Insulating Storm Products for Windows and Sliding Glass Doors
AAMA 1302.5	(1976) Voluntary 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	(2002) Voluntary Specification, Performance Requirements and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels
AAMA 2604	(2005) Voluntary Specification, Performance Requirements and Test Procedures for High Performance Organic Coatings on Aluminum Extrusions and Panels
AAMA 2605	(2005) Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels
AAMA 501	(2005) Methods of Test for Exterior Walls
AAMA 501.1	(2005) 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 503	(2008) Voluntary Specification for Field Testing of Newly Installed Storefronts, Curtain Walls and Sloped Glazing Systems
AAMA 609 & 610	(2009) Cleaning and Maintenance Guide for Architecturally Finished Aluminum
AAMA 611	(1998; R 2004) Voluntary Specification for Anodized Architectural Aluminum
AAMA 701/702	(2004) Voluntary Specification for Pile Weatherstripping and Replaceable Fenestration Weatherseals
AAMA 800	(2010) Voluntary Specifications and Test Methods for Sealants
AAMA 902	(1992; R 1999; R 2007) Voluntary Specification for

Sash Balances

- AAMA CW-10 (2004) 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 1600/I.S. 7-00 (2000; Errata 2003; R 2003) Voluntary Specification for Skylights
- AAMA/WDMA/CSA 101/I.S.2/ (2008; Update 1 2008; Update 2 2008; Update 3 2009) North American Fenestration Standard/Specification for Windows, Doors, and Skylights

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
(AASHTO)

- AASHTO GDHS-5 (2004, 5th Edition) 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 LTS-5 (2009; Errata 2009; Amendment 1 2010; Amendment 2 2011) 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 (2010) Standard Specification for Preservatives and Pressure Treatment Processes for Timber
- AASHTO M 140 (2008) Standard Specification for Emulsified Asphalt
- AASHTO M 145 (1991; R 2008) Standard Specification for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes
- AASHTO M 147 (1965; R 2008) Standard Specification for Materials for Aggregate and Soil-Aggregate Subbase, Base, and Surface Courses
- AASHTO M 156 (1997; R 2009) Standard Specification for Requirements for Mixing Plants for Hot-Mixed, Hot-Laid Bituminous Paving Mixtures
- AASHTO M 167M/M 167 (2009) Standard Specification for Corrugated Steel Structural Plate, Zinc-Coated, for Field-Bolted Pipe, Pipe-Arches, and Arches
- AASHTO M 180 (2011) Standard Specification for Corrugated Sheet Steel Beams for Highway Guardrail

AASHTO M 182	(2005; R 2009) Standard Specification for Burlap Cloth Made from Jute or Kenaf and Cotton Mats
AASHTO M 190	(2004; R 2008) Standard Specification for Bituminous Coated Corrugated Metal Culvert Pipe and Pipe Arches
AASHTO M 198	(2010) Standard Specification for Joints for Concrete Pipe, Manholes, and Precast Box Sections Using Preformed Flexible Joint Sealants
AASHTO M 200	(1973; R 2007) Standard Specification for Epoxy Protective Coatings
AASHTO M 208	(2001; R 2009) Standard Specification for Cationic Emulsified Asphalt
AASHTO M 216	(2005; R 2009) Standard Specification for Lime for Soil Stabilization
AASHTO M 219	(1992; R 2008) Standard Specification for Corrugated Aluminum Alloy Structural Plate for Field-Bolted Pipe, Pipe-Arches, and Arches
AASHTO M 226	(1980; R 2008) Standard Specification for Viscosity-Graded Asphalt Cement
AASHTO M 243	(1996; R 2008) Standard Specification for Field-Applied Coating of Corrugated Metal Structural Plate for Pipe, Pipe-Arches, and Arches
AASHTO M 247	(2011) Standard Specification for Glass Beads Used in Pavement Markings
AASHTO M 252	(2009) Standard Specification for Corrugated Polyethylene Drainage Pipe
AASHTO M 288	(2006; R 2011) Standard Specification for Geotextile Specification for Highway Applications
AASHTO M 294	(2011) Standard Specification for Corrugated Polyethylene Pipe, 300- to 1500-mm Diameter
AASHTO M 300	(2003; R 2007) Standard Specification for Inorganic Zinc-Rich Primer
AASHTO M 314	(1990; R 2008) Standard Specification for Steel Anchor Bolts
AASHTO M 320	(2010) Standard Specification for Performance-Graded Asphalt Binder
AASHTO M 322M/M 322	(2010) Standard Specification for Rail-Steel and Axle-Steel Deformed Bars for Concrete Reinforcement
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 2008) Standard Specification for Cutback Asphalt (Rapid-Curing Type)
AASHTO M 82	(1975; R 2008) Standard Specification for Cutback Asphalt (Medium-Curing Type)
AASHTO MP 1a	(2004) Performance Graded Asphalt Binder
AASHTO R 46	(2008) Standard Practice for Designing Stone Matrix Asphalt (SMA)
AASHTO RSDG-4	(2011; Errata 2012) Roadside Design Guide
AASHTO SDDP-1-OL	(2003) Shop Detail Drawing Presentation Guidelines
AASHTO T 102	(2009) Standard Method of Test for Spot Test of Asphaltic Materials
AASHTO T 11	(2005; R 2009) Standard Method of Test for Materials Finer Than 75 Micrometer (No. 200) Sieve in Mineral Aggregates by Washing
AASHTO T 111	(2011) Standard Method of Test for Mineral Matter or Ash in Asphalt Materials
AASHTO T 134	(2005; R 2009) Standard Method of Test for Moisture-Density Relations of Soil-Cement Mixtures
AASHTO T 135	(1997; R 2009) Standard Method of Test for Wetting-and-Drying Test of Compacted Soil-Cement Mixtures
AASHTO T 136	(1997; R 2009) Standard Method of Test for Freezing-and-Thawing Tests of Compacted Soil-Cement Mixtures
AASHTO T 180	(2010) 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	(2010) Standard Method of Test for The California Bearing Ratio
AASHTO T 219	(1987; R 2008) 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 230	(1968; R 2000) Determining Degree of Pavement Compaction of Bituminous Aggregate Mixtures
AASHTO T 259	(2002; R 2006) Standard Method of Test for Resistance of Concrete to Chloride Ion Penetration

AASHTO T 260	(1997; R 2009) Standard Method of Test for Sampling and Testing for Chloride Ion in Concrete and Concrete Raw Materials
AASHTO T 27	(2011) Standard Method of Test for Sieve Analysis of Fine and Coarse Aggregates
AASHTO T 30	(2010) Standard Method of Test for Mechanical Analysis of Extracted Aggregate
AASHTO T 308	(2010) Standard Method of Test for Determining the Asphalt Binder Content of Hot Mix Asphalt (HMA) by the Ignition Method
AASHTO T 312	(2011) 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 326	(2005; R 2009) Standard Method of Test for Uncompacted Void Content of Coarse Aggregate (As Influenced by Particle Shape, Surface Texture, and Grading)
AASHTO T 329	(2008) Standard Test Method for Moisture Content of Hot Mix Asphalt (HMA) by Oven Method
AASHTO T 334	(2008) Standard Method of Test for Estimating the Cracking Tendency of Concrete
AASHTO T 40	(2002; R 2006) Sampling Bituminous Materials

AMERICAN ASSOCIATION OF TEXTILE CHEMISTS AND COLORISTS (AATCC)

AATCC 127	(2008) Water Resistance: Hydrostatic Pressure Test
AATCC TM 107	(2009; E 2010) Colorfastness to Water
AATCC TM 134	(2011) Electrostatic Propensity of Carpets
AATCC TM 16	(2004; E 2010) Colorfastness to Light
AATCC TM 165	(2008; E 2010) Colorfastness to Crocking: Textile Floor Coverings - Crockmeter Method
AATCC TM 174	(2011) Antimicrobial Activity Assessment of Carpets

AMERICAN BEARING MANUFACTURERS ASSOCIATION (ABMA)

ABMA 11	(1990; R 2008) Load Ratings and Fatigue Life for Roller Bearings
ABMA 7	(1995; R 2008) Shaft and Housing Fits for Metric Radial Ball and Roller Bearings (Except Tapered Roller Bearings) Conforming to Basic Boundary Plan
ABMA 9	(1990; R 2008) Load Ratings and Fatigue Life for

Ball Bearings

ABMA Manual (1981) Anti-Friction Bearing Maintenance Manual

ABMA SBRB (Unknown) Ball and Roller Bearings and Ball

AMERICAN BOILER MANUFACTURERS ASSOCIATION (ABMA)

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 (2005) Boiler Water Quality Requirements and Associated Steam Quality for Industrial/Commercial and Institutional Boilers

AMERICAN BUREAU OF SHIPPING (ABS)

ABS 2 (2012; Corr 2012) Rules for Building and Classing Steel Vessels

AMERICAN CONCRETE INSTITUTE INTERNATIONAL (ACI)

ACI 117 (2010) 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 (2008) 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 (2002; R 2009) Guide for Selecting Proportions for No-Slump Concrete

ACI 211.5R (2001; R 2009) Guide for Submittal of Concrete Proportions

ACI 212.3R (2010) Chemical Admixtures for Concrete

ACI 213R (2003) Guide for Structural Lightweight-Aggregate Concrete

ACI 214R (2011) Evaluation of Strength Test Results of Concrete

ACI 224.1R	(2007) Causes, Evaluation, and Repair of Cracks in Concrete Structures
ACI 301	(2010) Specifications for Structural Concrete
ACI 301M	(2010) Metric Specifications for Structural Concrete
ACI 302.1R	(2004; Errata 2006; Errata 2007) Guide for Concrete Floor and Slab Construction
ACI 303R	(2004) Guide to Cast-In-Place Architectural Concrete Practice
ACI 304.2R	(1996; R 2008) Placing Concrete by Pumping Methods
ACI 304R	(2000; R 2009) Guide for Measuring, Mixing, Transporting, and Placing Concrete
ACI 305.1	(2006) 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	(2010) Guide to Cold Weather Concreting
ACI 308.1	(2011) Specification for Curing Concrete
ACI 308R	(2001; R 2008) Guide to Curing Concrete
ACI 309R	(2005) Guide for Consolidation of Concrete
ACI 311.4R	(2005) Guide for Concrete Inspection
ACI 318	(2011; Errata 2011) Building Code Requirements for Structural Concrete and Commentary
ACI 318M	(2011) Building Code Requirements for Structural Concrete & Commentary
ACI 336.1	(2001) Specification for the Construction of Drilled Piers
ACI 346	(2009) Specification for Cast-in-Place Concrete Pipe
ACI 347	(2004; Errata 2008) Guide to Formwork for Concrete
ACI 364.1R	(2007) Guide for Evaluation of Concrete Structures Before Rehabilitation
ACI 364.3R	(2009) Guide for Cementitious Repair Material Data Sheet
ACI 437R	(2003) Strength Evaluation of Existing Concrete Buildings

ACI 440.2R	(2008; Errata 2009; Errata 2010) Guide for the Design and Construction of Externally Bonded FRP Systems for Strengthening Concrete Structures
ACI 440.3R	(2004) Guide Test Methods for Fiber-Reinforced Polymer (FRP) for Reinforcing or Strengthening Concrete Structures
ACI 503.1-503.4	(1992, R 2003) Four Epoxy Specifications
ACI 506.2	(1995) Specification for Materials, Proportioning, and Application of Shotcrete
ACI 522.1	(2008) Specification For Pervious Concrete Pavement
ACI 530/530.1	(2011; Errata 2011) Building Code Requirements and Specification for Masonry Structures and Related Commentaries
ACI 548.4	(2011) Standard Specification for Latex-Modified Concrete (LMC) Overlays
ACI 551.1R	(2005) Tilt-up Concrete Construction Guide
ACI C-10	(1990) Repair and Rehabilitation of Concrete Structures
ACI C-20	(1992) Repair and Rehabilitation II
ACI C-21	(1992) Elevated Slabs
ACI CP-50	(2007) Tilt-Up Supervisor & Technician Reference Guide
ACI CP-60	(2009) Craftman Workbook for ACI Certification of Shotcrete Nozzleman
ACI MCP SET	(2012) 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-1	(2012) Manual of Concrete Practice Part 1
ACI/MCP-2	(2012) Manual of Concrete Practice Part 2
ACI/MCP-3	(2012) Manual of Concrete Practice Part 3
ACI/MCP-4	(2012) 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	(2005; Ver 3.0) QCast Plant Certification Manual

AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH)

ACGIH 0100	(2001; Supplements 2002-2008) Documentation of the Threshold Limit Values and Biological Exposure Indices
ACGIH Publication 0028	(2006) TLVs and BEIs
ACGIH-2092M	(2004) Industrial Ventilation: A Manual of Recommended Practice (Metric)
ACGIH-2092S	(2004) Industrial Ventilation: A Manual of Recommended Practice

AMERICAN FOREST & PAPER ASSOCIATION (AF&PA)

AF&PA T10	(2001) Wood Frame Construction Manual for One- and Two-Family Dwellings
AF&PA T101	(2005) National Design Specification (NDS) for Wood Construction

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 GMC	Gas Measurement Committee Report No. 3
AGA Report No 3	(2000; 4th Ed) Orifice Metering of Natural Gas; PART 2: Specification and Installation Requirements
AGA XR0603	(2006; 8th Ed) AGA Plastic Pipe Manual for Gas Service

AMERICAN GEAR MANUFACTURERS ASSOCIATION (AGMA)

AGMA 2015/915-1	(2002A) Accuracy Classification System - Tangential Measurement Tolerance Tables for Cylindrical Gears
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	(2010) Code of Inspection Practice - Part 6: Bevel Gear Measurement Methods
AGMA ISO 17485	(2008; Supplement 2008) Bevel Gears - ISO System of Accuracy (Including Supplement - Tolerance Tables 2008)
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) Gear Materials, Heat Treatment and Processing Manual
ANSI/AGMA 2005	(2003D; R 2008) Design Manual for Bevel Gears
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ANSI/AGMA 2011	(1998A; R 2004) Cylindrical Wormgearing Tolerance and Inspection Methods
ANSI/AGMA 2015-1	(2001A; R 2008) Accuracy Classification System - Tangential Measurements for Cylindrical Gears
ANSI/AGMA 6001	(2008E) Design and Selection of Components for Enclosed Gear Drives
ANSI/AGMA 6011	(2003I; R 2008) Specifications for High Speed Helical Gear Units
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ASTM A1023/A1023M	(2009) Standard Specification for Stranded Carbon Steel Wire Ropes for General Purposes
ASTM A1035/A1035M	(2011) Standard Specification for Deformed and Plain, Low-carbon, Chromium, Steel Bars for Concrete Reinforcement
ASTM A105/A105M	(2011a) Standard Specification for Carbon Steel Forgings for Piping Applications
ASTM A1055/A1055M	(2010; E 2011) Standard Specification for Zinc and Epoxy Dual Coated Steel Reinforcing Bars
ASTM A106/A106M	(2011) Standard Specification for Seamless Carbon Steel Pipe for High-Temperature Service
ASTM A108	(2007) Standard Specification for Steel Bar, Carbon and Alloy, Cold-Finished
ASTM A109/A109M	(2008) 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	(2007) Standard Specification for Metallic-Coated Carbon Steel Barbed Wire
ASTM A123/A123M	(2009) Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products
ASTM A126	(2004; R 2009) Standard Specification for Gray Iron Castings for Valves, Flanges, and Pipe Fittings
ASTM A128/A128M	(1993; R 2012) Standard Specification for Steel Castings, Austenitic Manganese

ASTM A134	(1996; R 2005) Standard Specification for Pipe, Steel, Electric-Fusion (Arc)-Welded (Sizes NPS 16 and Over)
ASTM A135/A135M	(2009) Standard Specification for Electric-Resistance-Welded Steel Pipe
ASTM A139/A139M	(2004; R 2010) Standard Specification for Electric-Fusion (ARC)-Welded Steel Pipe (NPS 4 and over)
ASTM A143/A143M	(2007) Standard Practice for Safeguarding Against Embrittlement of Hot-Dip Galvanized Structural Steel Products and Procedure for Detecting Embrittlement
ASTM A148/A148M	(2008) Standard Specification for Steel Castings, High Strength, for Structural Purposes
ASTM A153/A153M	(2009) 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 A176	(1999; R 2009) Standard Specification for Stainless and Heat-Resisting Chromium Steel Plate, Sheet, and Strip
ASTM A179/A179M	(1990a; R 2005) Standard Specification for Seamless Cold-Drawn Low-Carbon Steel Heat-Exchanger and Condenser Tubes
ASTM A181/A181M	(2006; R 2011) Standard Specification for Carbon Steel Forgings, for General-Purpose Piping
ASTM A182/A182M	(2011a) Standard Specification for Forged or Rolled Alloy-Steel Pipe Flanges, Forged Fittings, and Valves and Parts for High-Temperature Service
ASTM A183	(2003; R 2009) Standard Specification for Carbon Steel Track Bolts and Nuts
ASTM A184/A184M	(2006e1) Standard Specification for Fabricated 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 2007) Standard Specification for Seamless Carbon Steel Boiler Tubes for High-Pressure Service
ASTM A193/A193M	(2012) Standard Specification for Alloy-Steel and

Stainless Steel Bolting Materials for
High-Temperature Service and Other Special Purpose
Applications

ASTM A194/A194M	(2011) Standard Specification for Carbon and Alloy Steel Nuts for Bolts for High-Pressure or High-Temperature Service, or Both
ASTM A197/A197M	(2000; R 2011) Standard Specification for Cupola Malleable Iron
ASTM A20/A20M	(2011) General Requirements for Steel Plates for Pressure Vessels
ASTM A211	(1975; R 1985) Specification for Spiral-Welded Steel or Iron Pipe
ASTM A216/A216M	(2008) Standard Specification for Steel Castings, Carbon, Suitable for Fusion Welding, for High-Temperature Service
ASTM A217/A217M	(2011) Standard Specification for Steel Castings, Martensitic Stainless and Alloy, for Pressure-Containing Parts, Suitable for High-Temperature Service
ASTM A220/A220M	(1999; R 2009) Standard Specification for Pearlitic Malleable Iron
ASTM A227/A227M	(2006; R 2011) Standard Specification for Steel Wire, Cold-Drawn for Mechanical Springs
ASTM A229/A229M	(2012) Standard Specification for Steel Wire, Oil-Tempered for Mechanical Springs
ASTM A234/A234M	(2011a) Standard Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Moderate and High Temperature Service
ASTM A239	(1995; R 2009e1) Standard Practice for Locating the Thinnest Spot in a Zinc (Galvanized) Coating on Iron or Steel Articles
ASTM A240/A240M	(2012) Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications
ASTM A242/A242M	(2004; R 2009) Standard Specification for High-Strength Low-Alloy Structural Steel
ASTM A249/A249M	(2010a) 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	(2009) Standard Specification for Stainless Chromium Steel-Clad Plate
ASTM A264	(2011) Standard Specification for Stainless Chromium-Nickel Steel-Clad Plate
ASTM A265	(2009) Standard Specification for Nickel and Nickel-Base Alloy-Clad Steel Plate
ASTM A266/A266M	(2011) Standard Specification for Carbon Steel Forgings for Pressure Vessel Components
ASTM A268/A268M	(2010) Standard Specification for Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General Service
ASTM A269	(2010) Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service
ASTM A27/A27M	(2010) Standard Specification for Steel Castings, Carbon, for General Application
ASTM A270/A270M	(2010) Standard Specification for Seamless and Welded Austenitic Stainless Steel Sanitary Tubing
ASTM A275/A275M	(2008) Standard Test Method for Magnetic Particle Examination of Steel Forgings
ASTM A276	(2010) Standard Specification for Stainless Steel Bars and Shapes
ASTM A278/A278M	(2001; R 2011) Standard Specification for Gray Iron Castings for Pressure-Containing Parts for Temperatures Up to 650 degrees F (350 degrees C)
ASTM A283/A283M	(2003; R 2007) Standard Specification for Low and Intermediate Tensile Strength Carbon Steel Plates
ASTM A285/A285M	(2003; R 2007) Standard Specification for Pressure Vessel Plates, Carbon Steel, Low- and Intermediate-Tensile Strength
ASTM A29/A29M	(2012) Standard Specification for Steel Bars, Carbon and Alloy, Hot-Wrought General Requirements for
ASTM A290/A290M	(2005; R 2010) Standard Specification for Carbon and Alloy Steel Forgings for Rings for Reduction Gears
ASTM A297/A297M	(2010) Standard Specification for Steel Castings, Iron-Chromium and Iron-Chromium-Nickel, Heat Resistant, for General Application
ASTM A302/A302M	(2003; R 2007) Standard Specification for Pressure Vessel Plates, Alloy Steel, Manganese-Molybdenum

and Manganese-Molybdenum-Nickel

ASTM A307	(2010) Standard Specification for Carbon Steel Bolts and Studs, 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	(2012) Standard Specification for Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes
ASTM A313/A313M	(2010e1) 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	(2011a) Standard Specification for Alloy/Steel and Stainless Steel Bolting Materials for Low-Temperature Service
ASTM A322	(2007) Standard Specification Steel Bars, Alloy, Standard Grades
ASTM A325	(2010) Standard Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength
ASTM A325M	(2009) Standard Specification for Structural Bolts, Steel, Heat Treated, 830 MPa Minimum Tensile Strength (Metric)
ASTM A328/A328M	(2007; R 2012) Standard Specification for Steel Sheet Piling
ASTM A334/A334M	(2004a; R 2010) Standard Specification for Seamless and Welded Carbon and Alloy-Steel Tubes for Low-Temperature Service
ASTM A336/A336M	(2010a) Standard Specification for Alloy Steel Forgings for Pressure and High-Temperature Parts
ASTM A345	(2009) Standard Specification for Flat-Rolled Electrical Steels for Magnetic Applications
ASTM A350/A350M	(2012) Standard Specification for Carbon and Low-Alloy Steel Forgings, Requiring Notch Toughness Testing for Piping Components
ASTM A351/A351M	(2012) Standard Specification for Castings, Austenitic, for Pressure-Containing Parts
ASTM A352/A352M	(2006; R 2012) Standard Specification for Steel Castings, Ferritic and Martensitic, for Pressure-Containing Parts, Suitable for

Low-Temperature Service

ASTM A354	(2011) Standard Specification for Quenched and Tempered Alloy Steel Bolts, Studs, and Other Externally Threaded Fasteners
ASTM A356/A356M	(2011) Standard Specification for Steel Castings, Carbon, Low Alloy, and Stainless Steel, Heavy-Walled for Steam Turbines
ASTM A358/A358M	(2008a) Standard Specification for Electric-Fusion-Welded Austenitic Chromium-Nickel Stainless Steel Pipe for High-Temperature Service and General Applications
ASTM A36/A36M	(2008) 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	(1995a; R 2009) Standard Specification for Stainless Steel Wire Strand
ASTM A370	(2011a) Standard Test Methods and Definitions for Mechanical Testing of Steel Products
ASTM A376/A376M	(2006; R 2011) Standard Specification for Seamless Austenitic Steel Pipe for High-Temperature Central-Station Service
ASTM A380	(2006) Standard Practice for Cleaning, Descaling, and Passivation of Stainless Steel Parts, Equipment, and Systems
ASTM A385/A385M	(2011) Standard Practice for Providing High-Quality Zinc Coatings (Hot-Dip)
ASTM A392	(2011a) Standard Specification for Zinc-Coated Steel Chain-Link Fence Fabric
ASTM A395/A395M	(1999; R 2009) Standard Specification for Ferritic Ductile Iron Pressure-Retaining Castings for Use at Elevated Temperatures
ASTM A403/A403M	(2011) Standard Specification for Wrought Austenitic Stainless Steel Piping Fittings
ASTM A416/A416M	(2010) Standard Specification for Steel Strand, Uncoated Seven-Wire for Prestressed Concrete
ASTM A420/A420M	(2010a) Standard Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Low-Temperature Service
ASTM A421/A421M	(2010) Standard Specification for Uncoated

	Stress-Relieved Steel Wire for Prestressed Concrete
ASTM A423/A423M	(2009) Standard Specification for Seamless and Electric-Welded Low-Alloy Steel Tubes
ASTM A424/A424M	(2009a) Standard Specification for Steel Sheet for Porcelain Enameling
ASTM A428/A428M	(2010) Standard Test Method for Weight (Mass) of Coating on Aluminum-Coated Iron or Steel Articles
ASTM A435/A435M	(1990; R 2012) Standard Specification for Straight-Beam Ultrasonic Examination of Steel Plates
ASTM A436	(1984; R 2011) Standard Specification for Austenitic Gray Iron Castings
ASTM A439	(1983; R 2009) Standard Specification for Austenitic Ductile Iron Castings
ASTM A447/A447M	(2011) Standard Specification for Steel Castings, Chromium-Nickel-Iron Alloy (25-12 Class), for High-Temperature Service
ASTM A449	(2010) 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) Standard Specification for Steel Sheet, Aluminum-Coated, by the Hot-Dip Process
ASTM A467/A467M	(2007) Standard Specification for Machine Coil Chain
ASTM A47/A47M	(1999; R 2009) Standard Specification for Ferritic Malleable Iron Castings
ASTM A475	(2003; R 2009e1) Standard Specification for Zinc-Coated Steel Wire Strand
ASTM A478	(1997; R 2008) Standard Specification for Chromium-Nickel Stainless Steel Weaving and Knitting Wire
ASTM A479/A479M	(2011) Standard Specification for Stainless Steel Bars and Shapes for Use in Boilers and Other Pressure Vessels
ASTM A48/A48M	(2003; R 2008) Standard Specification for Gray Iron Castings
ASTM A480/A480M	(2012) Standard Specification for General Requirements for Flat-Rolled Stainless and Heat-Resisting Steel Plate, Sheet, and Strip
ASTM A484/A484M	(2011) Standard Specification for General Requirements for Stainless Steel Bars, Billets, and Forgings

ASTM A487/A487M	(1993; R 2012) 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	(2012) Standard Specification for Structural Bolts, Alloy Steel, Heat Treated, 150 ksi Minimum Tensile Strength
ASTM A490M	(2012) Standard Specification for High-Strength Steel Bolts, Classes 10.9 and 10.9.3, for Structural Steel Joints (Metric)
ASTM A491	(2011) Standard Specification for Aluminum-Coated Steel Chain-Link Fence Fabric
ASTM A492	(1995; R 2009) Standard Specification for Stainless Steel Rope Wire
ASTM A496/A496M	(2007) Standard Specification for Steel Wire, Deformed, for Concrete Reinforcement
ASTM A497/A497M	(2007) Standard Specification for Steel Welded Wire Reinforcement, Deformed, for Concrete
ASTM A499	(1989; R 2008) Standard Specification for Steel Bars and Shapes, Carbon Rolled from "T" Rails
ASTM A500/A500M	(2010a) Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes
ASTM A501	(2007) Standard Specification for Hot-Formed Welded and Seamless Carbon Steel Structural Tubing
ASTM A504/A504M	(2008) Standard Specification for Wrought Carbon Steel Wheels
ASTM A512	(2006) Standard Specification for Cold-Drawn Buttweld Carbon Steel Mechanical Tubing
ASTM A513	(2008a) Standard Specification for Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing
ASTM A514/A514M	(2005; R 2009) Standard Specification for High-Yield-Strength, Quenched and Tempered Alloy Steel Plate, Suitable for Welding
ASTM A515/A515M	(2010) Standard Specification for Pressure Vessel Plates, Carbon Steel, for Intermediate- and Higher-Temperature Service

ASTM A516/A516M	(2010) Standard Specification for Pressure Vessel Plates, Carbon Steel, for Moderate- and Lower-Temperature Service
ASTM A518/A518M	(1999; R 2008) Standard Specification for Corrosion-Resistant High-Silicon Iron Castings
ASTM A519	(2006) Standard Specification for Seamless Carbon and Alloy Steel Mechanical Tubing
ASTM A524	(1996; R 2005) Standard Specification for Seamless Carbon Steel Pipe for Atmospheric and Lower Temperatures
ASTM A529/A529M	(2005; R 2009) 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	(2004a; R 2010) Standard Specification for General Requirements for Specialized Carbon and Alloy Steel Pipe
ASTM A532/A532M	(2010) Standard Specification for Abrasion-Resistant Cast Irons
ASTM A534	(2009) Standard Specification for Carburizing Steels for Anti-Friction Bearings
ASTM A536	(1984; R 2009) Standard Specification for Ductile Iron Castings
ASTM A554	(2010) Standard Specification for Welded Stainless Steel Mechanical Tubing
ASTM A560/A560M	(2011) Standard Specification for Castings, Chromium-Nickel Alloy
ASTM A563	(2007a) Standard Specification for Carbon and Alloy Steel Nuts
ASTM A563M	(2007) Standard Specification for Carbon and Alloy Steel Nuts (Metric)
ASTM A564/A564M	(2010) Standard Specification for Hot-Rolled and Cold-Finished Age-Hardening Stainless Steel Bars and Shapes
ASTM A568/A568M	(2011b) Standard Specifications for Steel, Sheet, Carbon, Structural, and High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled, General Requirements for
ASTM A572/A572M	(2012) Standard Specification for High-Strength Low-Alloy Columbium-Vanadium Structural Steel

ASTM A574	(2012) Standard Specification for Alloy Steel Socket-Head Cap Screws
ASTM A574M	(2012) Standard Specification for Alloy Steel Socket-Head Cap Screws (Metric)
ASTM A575	(1996; R 2007) Standard Specification for Steel Bars, Carbon, Merchant Quality, M-Grades
ASTM A576	(1990b; R 2012) Standard Specification for Steel Bars, Carbon, Hot-Wrought, Special Quality
ASTM A580/A580M	(2012a) Standard Specification for Stainless Steel Wire
ASTM A582/A582M	(2012) Standard Specification for Free-Machining Stainless Steel Bars
ASTM A586	(2004a; R 2009e1) 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 2005) Standard Specification for Electric-Resistance-Welded Low-Carbon Steel Pipe for the Chemical Industry
ASTM A588/A588M	(2010) Standard Specification for High-Strength Low-Alloy Structural Steel with 50 ksi (345 MPa) Minimum Yield Point, with Atmospheric Corrosion Resistance
ASTM A6/A6M	(2012) Standard Specification for General Requirements for Rolled Structural Steel Bars, Plates, Shapes, and Sheet Piling
ASTM A603	(1998; R 2009e1) 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	(1991; R 2007) Standard Specification for Castings, Carbon, Low-Alloy, and Martensitic Stainless Steel, Ultrasonic Examination Thereof
ASTM A615/A615M	(2012) 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 2009) Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing (Small-Diameter) for General Service
ASTM A633/A633M	(2001; R 2011) Standard Specification for Normalized High-Strength Low-Alloy Structural Steel Plates
ASTM A641/A641M	(2009a) 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	(2011) Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process
ASTM A659/A659M	(2012) Standard Specification for Commercial Steel (CS), Sheet and Strip, Carbon (0.16 Maximum to 0.25 Maximum Percent), Hot-Rolled
ASTM A666	(2010) Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate and Flat Bar
ASTM A667/A667M	(1987; R 2008) Standard Specification for Centrifugally Cast Dual Metal (Gray and White Cast Iron) Cylinders
ASTM A668/A668M	(2004; R 2009) Standard Specification for Steel Forgings, Carbon and Alloy, for General Industrial Use
ASTM A675/A675M	(2003; R 2009) Standard Specification for Steel Bars, Carbon, Hot-Wrought, Special Quality, Mechanical Properties
ASTM A688/A688M	(2012) Standard Specification for Welded Austenitic Stainless Steel Feedwater Heater Tubes
ASTM A690/A690M	(2007; R 2012) 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	(2008) Standard Specification for Carbon and Alloy Steel Forgings for Pipe Flanges, Fittings, Valves, and Parts for High-Pressure Transmission Service
ASTM A702	(1989; R 2006) Standard Specification for Steel Fence Posts and Assemblies, Hot Wrought
ASTM A705/A705M	(1995; R 2009) Standard Specification for Age-Hardening Stainless Steel Forgings

ASTM A706/A706M	(2009b) Standard Specification for Low-Alloy Steel Deformed and Plain Bars for Concrete Reinforcement
ASTM A707/A707M	(2010) Standard Specification for Forged Carbon and Alloy Steel Flanges for Low-Temperature Service
ASTM A709/A709M	(2011) Standard Specification for Structural Steel for Bridges
ASTM A716	(2008) Standard Specification for Ductile Iron Culvert Pipe
ASTM A722/A722M	(2012) Standard Specification for Uncoated High-Strength Steel Bar for Prestressing Concrete
ASTM A727/A727M	(2011) Standard Specification for Carbon Steel Forgings for Piping Components with Inherent Notch Toughness
ASTM A733	(2003; R 2009e1) Standard Specification for Welded and Seamless Carbon Steel and Austenitic Stainless Steel Pipe Nipples
ASTM A74	(2009) Standard Specification for Cast Iron Soil Pipe and Fittings
ASTM A742/A742M	(2003; R 2008) Standard Specification for Steel Sheet, Metallic Coated and Polymer Precoated for Corrugated Steel Pipe
ASTM A743/A743M	(2006; R 2010) Standard Specification for Castings, Iron-Chromium, Iron-Chromium-Nickel, Corrosion Resistant, for General Application
ASTM A746	(2009) Standard Specification for Ductile Iron Gravity Sewer Pipe
ASTM A755/A755M	(2011) 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	(2010) Standard Specification for Corrugated Steel Pipe, Metallic-Coated for Sewers and Drains
ASTM A762/A762M	(2008) Standard Specification for Corrugated Steel Pipe, Polymer Precoated for Sewers and Drains
ASTM A764	(2007) Standard Specification for Metallic Coated Carbon Steel Wire, Coated at Size and Drawn to Size for Mechanical Springs
ASTM A767/A767M	(2009) Standard Specification for Zinc-Coated (Galvanized) Steel Bars for Concrete Reinforcement
ASTM A774/A774M	(2009) Standard Specification for As-Welded Wrought Austenitic Stainless Steel Fittings for General

Corrosive Service at Low and Moderate Temperatures

ASTM A775/A775M	(2007b) Standard Specification for Epoxy-Coated Steel Reinforcing Bars
ASTM A778	(2001; R 2009e1) Standard Specification for Welded, Unannealed Austenitic Stainless Steel Tubular Products
ASTM A779/A779M	(2010) Standard Specification for Steel Strand, Seven-Wire, Uncoated, Compacted, Stress-Relieved for Prestressed Concrete
ASTM A780/A780M	(2009) Standard Practice for Repair of Damaged and Uncoated Areas of Hot-Dip Galvanized Coatings
ASTM A786/A786M	(2005; R 2009) Standard Specification for Hot-Rolled Carbon, Low-Alloy, High-Strength Low-Alloy, and Alloy Steel Floor Plates
ASTM A789/A789M	(2010a) 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	(2008) Standard Specification for Black and Hot-Dipped Zinc-Coated (Galvanized) Welded and Seamless Steel Pipe for Fire Protection Use
ASTM A798/A798M	(2007) Standard Practice for Installing Factory-Made Corrugated Steel Pipe for Sewers and Other Applications
ASTM A807/A807M	(2002; R 2008) Standard Practice for Installing Corrugated Steel Structural Plate Pipe for Sewers and Other Applications
ASTM A809	(2008) Standard Specification for Aluminum-Coated (Aluminized) Carbon Steel Wire
ASTM A813/A813M	(2009) Standard Specification for Single- or Double-Welded Austenitic Stainless Steel Pipe
ASTM A814/A814M	(2008) Standard Specification for Cold-Worked Welded Austenitic Stainless Steel Pipe
ASTM A815/A815M	(2010a) Standard Specification for Wrought Ferritic, Ferritic/Austenitic, and Martensitic Stainless Steel Piping Fittings
ASTM A82/A82M	(2007) Standard Specification for Steel Wire, Plain, for Concrete Reinforcement
ASTM A820/A820M	(2011) Standard Specification for Steel Fibers for Fiber-Reinforced Concrete

ASTM A821/A821M	(2010) Standard Specification for Steel Wire, Hard Drawn for Prestressing Concrete Tanks
ASTM A824	(2001; R 2007) Standard Specification for Metallic-Coated Steel Marcellled Tension Wire for Use With Chain Link Fence
ASTM A849	(2010) Standard Specification for Post-Applied Coatings, Pavings, and Linings for Corrugated Steel Sewer and Drainage Pipe
ASTM A853	(2004; R 2010) Standard Specification for Steel Wire, Carbon, for General Use
ASTM A856/A856M	(2003; R 2009) Standard Specification for Zinc-5% Aluminum-Mischmetal Alloy-Coated Carbon Steel Wire
ASTM A857/A857M	(2007) Standard Specification for Steel Sheet Piling, Cold-Formed, Light Gage
ASTM A858/A858M	(2010a) Standard Specification for Heat-Treated Carbon Steel Fittings for Low-Temperature and Corrosive Service
ASTM A861	(2004; R 2008) Standard Specification for High-Silicon Iron Pipe and Fittings
ASTM A865/A865M	(2006) Standard Specification for Threaded Couplings, Steel, Black or Zinc-Coated (Galvanized) Welded or Seamless, for Use in Steel Pipe Joints
ASTM A879/A879M	(2006) 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	(2006) Standard Specification for Epoxy-Coated Steel Wire and Welded Wire Reinforcement
ASTM A886/A886M	(2010) Standard Specification for Steel Strand, Indented, Seven-Wire Stress-Relieved for Prestressed Concrete
ASTM A888	(2011) Standard Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Applications
ASTM A898/A898M	(2007; R 2012) Standard Specification for Straight Beam Ultrasonic Examination of Rolled Steel Structural Shapes
ASTM A90/A90M	(2011) Standard Test Method for Weight [Mass] of Coating on Iron and Steel Articles with Zinc or Zinc-Alloy Coatings

ASTM A924/A924M	(2010a) Standard Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process
ASTM A929/A929M	(2001; R 2007) Standard Specification for Steel Sheet, Metallic-Coated by the Hot-Dip Process for Corrugated Steel Pipe
ASTM A931	(2008) Standard Test Method for Tension Testing of Wire Ropes and Strand
ASTM A934/A934M	(2007) Standard Specification for Epoxy-Coated Prefabricated Steel Reinforcing Bars
ASTM A955/A955M	(2012) Standard Specification for Deformed and Plain Stainless-Steel Bars for Concrete Reinforcement
ASTM A961/A961M	(2011) Standard Specification for Common Requirements for Steel Flanges, Forged Fittings, Valves, and Parts for Piping Applications
ASTM A966/A966M	(2008; R 2012) Standard Test Method for Magnetic Particle Examination of Steel Forgings Using Alternating Current
ASTM A974	(1997; R 2011) Standard Specification for Welded Wire Fabric Gabion and Gabion Mattresses (Metallic Coated or Polyvinyl Chloride (PVC) Coated)
ASTM A975	(2011) 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) Standard Specification for Evaluating Bond Strength for 15.2 mm (0.6 in.) Diameter Prestressing Steel Strand, Grade 270, Uncoated, Used in Prestressed Ground Anchors
ASTM A990	(2011) 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	(2009b) Standard Specification for Rail-Steel and Axle-Steel Deformed Bars for Concrete Reinforcement
ASTM B1	(2001; R 2007) 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	(2010) Standard Specification for Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar
ASTM B108/B108M	(2011) 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	(2011) Standard Practice for Operating Salt Spray (Fog) Apparatus
ASTM B121/B121M	(2001; R 2006) Standard Specification for Lead Brass Plate, Sheet, Strip, and Rolled Bar
ASTM B124/B124M	(2012) Standard Specification for Copper and Copper Alloy Forging Rod, Bar, and Shapes
ASTM B127	(2005; R 2009) Standard Specification for Nickel-Copper Alloy (UNS N04400) Plate, Sheet, and Strip
ASTM B135	(2010) Standard Specification for Seamless Brass Tube
ASTM B135M	(2010) Standard Specification for Seamless Brass Tube (Metric)
ASTM B136	(1984; R 2008e1) Standard Method for Measurement of Stain Resistance of Anodic Coatings on Aluminum
ASTM B137	(1995; R 2009) Standard Test Method for Measurement of Coating Mass Per Unit Area on Anodically Coated Aluminum
ASTM B138/B138M	(2011) Standard Specification for Manganese Bronze Rod, Bar and Shapes
ASTM B148	(1997; R 2009) Standard Specification for Aluminum-Bronze Sand Castings
ASTM B150/B150M	(2008) Standard Specification for Aluminum Bronze Rod, Bar, and Shapes
ASTM B152/B152M	(2009) Standard Specification for Copper Sheet, Strip, Plate, and Rolled Bar
ASTM B161	(2005; R 2009) Standard Specification for Nickel Seamless Pipe and Tube
ASTM B163	(2011) Standard Specification for Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes
ASTM B164	(2003; R 2008) Standard Specification for Nickel-Copper Alloy Rod, Bar, and Wire

ASTM B165	(2005; R 2009) 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) Standard Specification for Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, and N06045)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube
ASTM B168	(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) Plate, Sheet, and Strip
ASTM B171/B171M	(2011e1) Standard Specification for Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers and Heat Exchangers
ASTM B173	(2010) Standard Specification for Rope-Lay-Stranded Copper Conductors Having Concentric-Stranded Members, for Electrical Conductors
ASTM B176	(2008) Standard Specification for Copper-Alloy Die Castings
ASTM B177/B177M	(2011) Standard Guide for Engineering Chromium Electroplating
ASTM B179	(2011) Standard Specification for Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes
ASTM B187/B187M	(2011) Standard Specification for Copper, Bus Bar, Rod and Shapes and General Purpose Rod, Bar and Shapes
ASTM B188	(2010) 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	(2008) Standard Specification for Medium-Hard-Drawn Copper Wire
ASTM B209	(2010) Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
ASTM B209M	(2010) Standard Specification for Aluminum and

	Aluminum-Alloy Sheet and Plate (Metric)
ASTM B21/B21M	(2012) Standard Specification for Naval Brass Rod, Bar, and Shapes
ASTM B210	(2004) Standard Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes
ASTM B210M	(2005) 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) Standard Specification for Aluminum and Aluminum-Alloy Bar, Rod, and Wire (Metric)
ASTM B22	(2009e1) Standard Specification for Bronze Castings for Bridges and Turntables
ASTM B221	(2012) Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes
ASTM B221M	(2007) Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric)
ASTM B23	(2000; R 2010) Standard Specification for White Metal Bearing Alloys (known Commercially as "Babbitt Metal")
ASTM B230/B230M	(2007) Standard Specification for Aluminum 1350-H19 Wire for Electrical Purposes
ASTM B231/B231M	(2011) Standard Specification for Concentric-Lay-Stranded Aluminum 1350 Conductors
ASTM B232/B232M	(2011) 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	(2010) Standard Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube
ASTM B244	(2009) 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	(2010) General Requirements for Wrought Seamless Copper and Copper-Alloy Tube
ASTM B251M	(2010) General Requirements for Wrought Seamless Copper and Copper-Alloy Tube (Metric)
ASTM B26/B26M	(2011) Standard Specification for Aluminum-Alloy Sand Castings
ASTM B265	(2011) Standard Specification for Titanium and Titanium Alloy Strip, Sheet, and Plate
ASTM B271	(2011) Standard Specification for Copper-Base Alloy Centrifugal Castings
ASTM B280	(2008) Standard Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service
ASTM B3	(2001; R 2007) Standard Specification for Soft or Annealed Copper Wire
ASTM B30	(2011) Standard Specification for Copper Alloys in Ingot Form
ASTM B302	(2007) Standard Specification for Threadless Copper Pipe, Standard Sizes
ASTM B306	(2009) 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) Standard Specification for Aluminum-Alloy Extruded Bar, Rod, Tube, Pipe, and Structural Profiles for Electrical Purposes (Bus Conductor)
ASTM B32	(2008) Standard Specification for Solder Metal
ASTM B33	(2010) 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	(2000; R 2010) Standard Specification for Pig Tin
ASTM B344	(2011) 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	(2011) Standard Specification for Titanium and Titanium Alloy Bars and Billets
ASTM B36/B36M	(2008a) Standard Specification for Brass Plate, Sheet, Strip, and Rolled Bar
ASTM B361	(2008) Standard Specification for Factory-Made Wrought Aluminum and Aluminum-Alloy Welding Fittings
ASTM B366	(2010a) Standard Specification for Factory-Made Wrought Nickel and Nickel Alloy Fittings
ASTM B37	(2008) Standard Specification for Aluminum for Use in Iron and Steel Manufacturer
ASTM B370	(2011e1) Standard Specification for Copper Sheet and Strip for Building Construction
ASTM B371/B371M	(2008) Standard Specification for Copper-Zinc-Silicon Alloy Rod
ASTM B39	(1979; R 2008) Standard Specification for Nickel
ASTM B395/B395M	(2008) Standard Specification for U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes
ASTM B398/B398M	(2002; R 2007) Standard Specification for Aluminum-Alloy 6201-T81 Wire for Electrical Purposes
ASTM B399/B399M	(2004; R 2010) Standard Specification for Concentric-Lay-Stranded Aluminum-Alloy 6201-T81 Conductors
ASTM B400	(2008) Standard Specification for Compact Round Concentric-Lay-Stranded Aluminum 1350 Conductor
ASTM B418	(2009) Standard Specification for Cast and Wrought Galvanic Zinc Anodes
ASTM B42	(2010) Standard Specification for Seamless Copper Pipe, Standard Sizes
ASTM B424	(2005; R 2009) Standard Specification for Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825 and UNS N08221)* Plate, Sheet, and Strip

ASTM B429/B429M	(2010e1) Standard Specification for Aluminum-Alloy Extruded Structural Pipe and Tube
ASTM B43	(2009) Standard Specification for Seamless Red Brass Pipe, Standard Sizes
ASTM B438	(2008) Standard Specification for Sintered Bronze Bearings (Oil Impregnated)
ASTM B439	(2008) Standard Specification for Iron-Base Sintered Bearings (Oil-Impregnated)
ASTM B443	(2000; R 2009) Standard Specification for Nickel-Chromium-Molybdenum-Columbium Alloy (UNS N06625) and Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219)* Plate, Sheet, and Strip
ASTM B456	(2011) 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 2011) Standard Specification for Soft Rectangular and Square Bare Copper Wire for Electrical Conductors
ASTM B496	(2004e1; R 2010) Standard Specification for Compact Round Concentric-Lay-Stranded Copper Conductors
ASTM B505/B505M	(2010) Standard Specification for Copper-Base Alloy Continuous Castings
ASTM B517	(2005; R 2009) Standard Specification for Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe
ASTM B545	(1997; R 2009) Standard Specification for Electrodeposited Coatings of Tin
ASTM B546	(2004; R 2009) 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	(2010) Standard Specification for Nickel Alloy Forgings
ASTM B574	(2010) Standard Specification for Low-Carbon Nickel-Molybdenum-Chromium, Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon

Nickel-Chromium-Molybdenum-Tungsten Alloy Rod

ASTM B584	(2011) Standard Specification for Copper Alloy Sand Castings for General Applications
ASTM B6	(2009) Standard Specification for Zinc
ASTM B609/B609M	(1999; R 2010) Standard Specification for Aluminum 1350 Round Wire, Annealed and Intermediate Tempers, for Electrical purposes
ASTM B61	(2008) Standard Specification for Steam or Valve Bronze Castings
ASTM B619	(2010e1) Standard Specification for Welded Nickel and Nickel-Cobalt Alloy Pipe
ASTM B62	(2009) Standard Specification for Composition Bronze or Ounce Metal Castings
ASTM B622	(2010) 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	(2011) Standard Specification for Electrodeposited Coatings of Zinc on Iron and Steel
ASTM B650	(1995; R 2008) Standard Specification for Electrodeposited Engineering Chromium Coatings on Ferrous Substrates
ASTM B659	(1990; R 2008e1) 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 2011) Standard Specification for Brass, Copper, and Chromium-Plated Pipe Nipples
ASTM B69	(2011) Standard Specification for Rolled Zinc
ASTM B695	(2004; R 2009) Standard Specification for Coatings of Zinc Mechanically Deposited on Iron and Steel
ASTM B696	(2000; R 2009) Standard Specification for Coatings of Cadmium Mechanically Deposited
ASTM B725	(2005; R 2009) Standard Specification for Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Pipe
ASTM B745/B745M	(1997; R 2005) Standard Specification for Corrugated Aluminum Pipe for Sewers and Drains

ASTM B749	(2003; R 2009) Standard Specification for Lead and Lead Alloy Strip, Sheet and Plate Products
ASTM B75	(2002; R 2010) Standard Specification for Seamless Copper Tube
ASTM B75M	(1999; R 2011) Standard Specification for Seamless Copper Tube (Metric)
ASTM B763	(2008a) Standard Specification for Copper Alloy Sand Castings for Valve Application
ASTM B766	(1986; R 2008) Standard Specification for Electrodeposited Coatings of Cadmium
ASTM B775	(2008) General Requirements for Nickel and Nickel Alloy Welded Pipe
ASTM B8	(2011) 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	(2007) Standard Specification for Concentric-Lay-Stranded Conductors of 8000 Series Aluminum Alloy for Subsequent Covering or Insulation
ASTM B806	(2008a) Standard Specification for Copper Alloy Permanent Mold Castings for General Applications
ASTM B813	(2010) 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	(2009) Standard Specification for Materials for Nonferrous Powder Metallurgy (P/M) Structural Parts
ASTM B824	(2011) General Requirements for Copper Alloy Castings
ASTM B828	(2002; R 2010) Standard Practice for Making Capillary Joints by Soldering of Copper and Copper Alloy Tube and Fittings
ASTM B829	(2004a; R 2009) 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	(2007) Standard Specification for Magnesium Alloy

Anodes for Cathodic Protection

ASTM B85/B85M	(2010) Standard Specification for Aluminum-Alloy Die Castings
ASTM B86	(2011) Standard Specification for Zinc and Zinc-Aluminum (ZA) Alloy Foundry and Die Castings
ASTM B88	(2009) Standard Specification for Seamless Copper Water Tube
ASTM B88M	(2005; R 2011) Standard Specification for Seamless Copper Water Tube (Metric)
ASTM B98/B98M	(2008) Standard Specification for Copper-Silicon Alloy Rod, Bar, and Shapes
ASTM C1002	(2007) Standard Specification for Steel Self-Piercing Tapping Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs
ASTM C1007	(2011a) Standard Specification for Installation of Load Bearing (Transverse and Axial) Steel Studs and Related Accessories
ASTM C1012/C1012M	(2012) Standard Test Method for Length Change of Hydraulic-Cement Mortars Exposed to a Sulfate Solution
ASTM C1015	(2011) Standard Practice for Installation of Cellulosic and Mineral Fiber Loose-Fill Thermal Insulation
ASTM C1017/C1017M	(2007) Standard Specification for Chemical Admixtures for Use in Producing Flowing Concrete
ASTM C1019	(2011) Standard Test Method for Sampling and Testing Grout
ASTM C1026	(2010) Standard Test Method for Measuring the Resistance of Ceramic Tile to Freeze-Thaw Cycling
ASTM C1027	(2009) Standard Test Method for Determining Visible Abrasion Resistance of Glazed Ceramic Tile
ASTM C1028	(2007e1) Standard Test Method for Determining the Static Coefficient of Friction of Ceramic Tile and Other Like Surfaces by the Horizontal Dynamometer Pull-Meter Method
ASTM C1032	(2006) Standard Specification for Woven Wire Plaster Base
ASTM C1036	(2010e1) Standard Specification for Flat Glass
ASTM C1040/C1040M	(2008) Standard Test Methods for In-Place Density

	of Unhardened and Hardened Concrete, Including Roller Compacted Concrete, by Nuclear Methods
ASTM C1047	(2010a) Standard Specification for Accessories for Gypsum Wallboard and Gypsum Veneer Base
ASTM C1048	(2004) Standard Specification for Heat-Treated Flat Glass - Kind HS, Kind FT Coated and Uncoated Glass
ASTM C1053	(2000; R 2010) Standard Specification for Borosilicate Glass Pipe and Fittings for Drain, Waste, and Vent (DWV) Applications
ASTM C1059/C1059M	(1999; R 2008) Standard Specification for Latex Agents for Bonding Fresh to Hardened Concrete
ASTM C1060	(2011a) Standard Practice for Thermographic Inspection of Insulation Installations in Envelope Cavities of Frame Buildings
ASTM C1063	(2012a) Standard Practice for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster
ASTM C1064/C1064M	(2011) Standard Test Method for Temperature of Freshly Mixed Hydraulic-Cement Concrete
ASTM C1069	(2009) Standard Test Method for Specific Surface Area of Alumina or Quartz by Nitrogen Adsorption
ASTM C1071	(2012) Standard Specification for Fibrous Glass Duct Lining Insulation (Thermal and Sound Absorbing Material)
ASTM C1072	(2011) Standard Test Method for Measurement of Masonry Flexural Bond Strength
ASTM C1074	(2011) Standard Practice for Estimating Concrete Strength by the Maturity Method
ASTM C1077	(2011c) Standard Practice for Laboratories Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Laboratory Evaluation
ASTM C1084	(2010) Standard Specification for Portland-Cement Content of Hardened Hydraulic-Cement Concrete
ASTM C1088	(2011) Standard Specification for Thin Veneer Brick Units Made From Clay or Shale
ASTM C1089	(2006) Standard Specification for Spun Cast Prestressed Concrete Poles
ASTM C109/C109M	(2011b) Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or (50-mm) Cube Specimens)

ASTM C11	(2010a) Standard Terminology Relating to Gypsum and Related Building Materials and Systems
ASTM C110	(2011) Standard Test Methods for Physical Testing of Quicklime, Hydrated Lime, and Limestone
ASTM C1103	(2003; R 2009) Standard Practice for Joint Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines
ASTM C1103M	(2003; R 2009) Standard Practice for Joint Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines (Metric)
ASTM C1107/C1107M	(2011) Standard Specification for Packaged Dry, Hydraulic-Cement Grout (Nonshrink)
ASTM C1116/C1116M	(2010a) Standard Specification for Fiber-Reinforced Concrete
ASTM C1126	(2011e1) Standard Specification for Faced or Unfaced Rigid Cellular Phenolic Thermal Insulation
ASTM C1136	(2010) Standard Specification for Flexible, Low Permeance Vapor Retarders for Thermal Insulation
ASTM C114	(2011b) 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	(2008) Standard Specification for Admixtures for Shotcrete
ASTM C1142	(1995; R 2007) Standard Specification for Extended Life Mortar for Unit Masonry
ASTM C1147	(2001; R 2006) Standard Practice for Determining the Short Term Tensile Weld Strength of Chemical-Resistant Thermoplastics
ASTM C115	(2010) Standard Test Method for Fineness of Portland Cement by the Turbidimeter
ASTM C1152/C1152M	(2004; E 2006) 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	(2011) Standard Specification for Hydraulic Cement
ASTM C1167	(2011) Standard Specification for Clay Roof Tiles
ASTM C117	(2004) Standard Test Method for Materials Finer than 75-um (No. 200) Sieve in Mineral Aggregates by

Washing

ASTM C1172	(2009e1) Standard Specification for Laminated Architectural Flat Glass
ASTM C1177/C1177M	(2008) Standard Specification for Glass Mat Gypsum Substrate for Use as Sheathing
ASTM C1178/C1178M	(2011) Standard Specification for Glass Mat Water-Resistant Gypsum Backing Panel
ASTM C1184	(2005) Standard Specification for Structural Silicone Sealants
ASTM C1186	(2008) Standard Specification for Flat Non-Asbestos Fiber Cement Sheets
ASTM C12	(2009) Standard Practice for Installing Vitrified Clay Pipe Lines
ASTM C1202	(2012) Standard Test Method for Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration
ASTM C1208/C1208M	(2011) Standard Specification for Vitrified Clay Pipe and Joints for Use in Microtunneling, Sliplining, Pipe Bursting and Tunnels
ASTM C1218/C1218M	(1999; R 2008) Standard Specification for Water-Soluble Chloride in Mortar and Concrete
ASTM C123	(2011) Standard Test Method for Lightweight Particles in Aggregate
ASTM C123/C123M	(2011) Standard Test Method for Lightweight Particles in Aggregate
ASTM C1231/C1231M	(2010a) Standard Practice for Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders
ASTM C1240	(2011) Standard Specification for Silica Fume Used in Cementitious Mixtures
ASTM C1244	(2005ae1) Standard Test Method for Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test Prior to Backfill
ASTM C1244M	(2005ae1) Standard Test Method for Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test Prior to Backfill (Metric)
ASTM C125	(2011b) Standard Terminology Relating to Concrete and Concrete Aggregates
ASTM C1252	(2006) Standard Test Methods for Uncompacted Void Content of Fine Aggregate (as Influenced by

Particle Shape, Surface Texture, and Grading)

ASTM C126	(2011) Standard Specification for Ceramic Glazed Structural Clay Facing Tile, Facing Brick, and Solid Masonry Units
ASTM C1260	(2007) 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	(2012) Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate
ASTM C1278/C1278M	(2007a) Standard Specification for Fiber-Reinforced Gypsum Panel
ASTM C128	(2012) Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Fine Aggregate
ASTM C1289	(2011a) Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board
ASTM C129	(2011) Standard Specification for Nonloadbearing Concrete Masonry Units
ASTM C1290	(2011) Standard Specification for Flexible Fibrous Glass Blanket Insulation Used to Externally Insulate HVAC Ducts
ASTM C131	(2006) Standard Test Method for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
ASTM C1311	(2010) Standard Specification for Solvent Release Agents
ASTM C1315	(2011) Standard Specification for Liquid Membrane-Forming Compounds Having Special Properties for Curing and Sealing Concrete
ASTM C1324	(2010) Standard Test Method for Examination and Analysis of Hardened Masonry Mortar
ASTM C1325	(2008b) Standard Specification for Non-Asbestos Fiber-Mat Reinforced Cement Substrate Sheets
ASTM C1330	(2002; R 2007) Standard Specification for Cylindrical Sealant Backing for Use with Cold Liquid-Applied Sealants
ASTM C136	(2006) 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	(2010) Standard Specification for Architectural Cast Stone
ASTM C1372	(2011) Standard Specification for Dry-Cast Segmental Retaining Wall Units
ASTM C138/C138M	(2010b) Standard Test Method for Density ("Unit Weight"), Yield, and Air Content (Gravimetric) of Concrete
ASTM C139	(2011) Standard Specification for Concrete Masonry Units for Construction of Catch Basins and Manholes
ASTM C1396/C1396M	(2011) Standard Specification for Gypsum Board
ASTM C14	(2011) Standard Specification for Concrete Sewer, Storm Drain, and Culvert Pipe
ASTM C140	(2012) Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units
ASTM C142/C142M	(2010) Standard Test Method for Clay Lumps and Friable Particles in Aggregates
ASTM C1427	(2007e1) Specification for Preformed Flexible Cellular Polyolefin Thermal Insulation in Sheet and Tubular Form
ASTM C143/C143M	(2010a) Standard Test Method for Slump of Hydraulic-Cement Concrete
ASTM C1433	(2010) Standard Specification for Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers
ASTM C1433M	(2010) Standard Specification for Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers (Metric)
ASTM C1435/C1435M	(2008) Standard Practice for Molding Roller-Compacted Concrete in Cylinder Molds Using a Vibrating Hammer
ASTM C1438	(2011a) Standard Specification for Latex and Powder Polymer Modifiers for Hydraulic Cement Concrete and Mortar
ASTM C144	(2011) Standard Specification for Aggregate for Masonry Mortar
ASTM C1478	(2008) Standard Specification for Storm Drain Resilient Connectors Between Reinforced Concrete Storm Sewer Structures, Pipes and Laterals

ASTM C1478M	(2008a) Standard Specification for Storm Drain Resilient Connectors Between Reinforced Concrete Storm Sewer Structures, Pipes and Laterals (Metric)
ASTM C1489	(2001; E 2008; R 2008) Standard Specification for Lime Putty for Structural Purposes
ASTM C14M	(2011) Standard Specification for Concrete Sewer, Storm Drain, and Culvert Pipe (Metric)
ASTM C150/C150M	(2011) Standard Specification for Portland Cement
ASTM C151/C151M	(2009) Standard Test Method for Autoclave Expansion of Hydraulic Cement
ASTM C1513	(2012) Standard Specification for Steel Tapping Screws for Cold-Formed Steel Framing Connections
ASTM C1534	(2012) Standard Specification for Flexible Polymeric Foam Sheet Insulation Used as a Thermal and Sound Absorbing Liner for Duct Systems
ASTM C155	(1997; R 2007) Standard Specification for Insulating Firebrick
ASTM C156	(2011) Standard Test Method for Water Retention by Concrete Curing Materials
ASTM C1567	(2011) Standard Test Method for Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)
ASTM C157/C157M	(2008) Standard Test Method for Length Change of Hardened Hydraulic-Cement Mortar and Concrete
ASTM C158	(2002; R 2007) Strength of Glass by Flexure (Determination of Modulus of Rupture)
ASTM C1581/C1581M	(2009a) Standard Test Method for Determining Age at Cracking and Induced Tensile Stress Characteristics of Mortar and Concrete under Restrained Shrinkage
ASTM C1585	(2011) 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 C1602/C1602M	(2012) Standard Specification for Mixing Water Used in Production of Hydraulic Cement Concrete
ASTM C1609/C1609M	(2010) Standard Test Method for Flexural Performance of Fiber-Reinforced Concrete (Using Beam with Third-Point Loading)
ASTM C1610/C1610M	(2010) Standard Test Method for Static Segregation

	of Self-Consolidating Concrete Using Column Technique
ASTM C1611/C1611M	(2009b; E 2010) Standard Test Method for Slump Flow of Self-Consolidating Concrete
ASTM C1621/C1621M	(2009b) Standard Test Method for Passing Ability of Self-Consolidating Concrete by J-Ring
ASTM C1629/C1629M	(2006; R 2011) Standard Classification for Abuse-Resistant Nondecorated Interior Gypsum Panel Products and Fiber-Reinforced Cement Panels
ASTM C1646/C1646M	(2008a) Making and Curing Test Specimens for Evaluating Frost Resistance of Coarse Aggregate in Air-Entrained Concrete by Rapid Freezing and Thawing
ASTM C165	(2007) Standard Test Method for Measuring Compressive Properties of Thermal Insulations
ASTM C1688/C1688M	(2012) Standard Test Method For Density And Void Content Of Freshly Mixed Pervious Concrete
ASTM C170/C170M	(2009) Standard Test Method for Compressive Strength of Dimension Stone
ASTM C171	(2007) Standard Specification for Sheet Materials for Curing Concrete
ASTM C172	(2010) Standard Practice for Sampling Freshly Mixed Concrete
ASTM C172/C172M	(2010) Standard Practice for Sampling Freshly Mixed Concrete
ASTM C173/C173M	(2010b) Standard Test Method for Air Content of Freshly Mixed Concrete by the Volumetric Method
ASTM C174/C174M	(2006) Standard Test Method for Measuring Thickness of Concrete Elements Using Drilled Concrete Cores
ASTM C177	(2010) Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded-Hot-Plate Apparatus
ASTM C183	(2008) Standard Practice for Sampling and the Amount of Testing of Hydraulic Cement
ASTM C185	(2008) Standard Test Method for Air Content of Hydraulic Cement Mortar
ASTM C186	(2005) Standard Test Method for Heat of Hydration of Hydraulic Cement
ASTM C188	(2009) Standard Test Method for Density of Hydraulic Cement

ASTM C191	(2008) Standard Test Method for Time of Setting Hydraulic Cement by Vicat Needle
ASTM C192/C192M	(2007) Standard Practice for Making and Curing Concrete Test Specimens in the Laboratory
ASTM C195	(2007) Standard Specification for Mineral Fiber Thermal Insulating Cement
ASTM C196	(2000; R 2010) Standard Specification for Expanded or Exfoliated Vermiculite Thermal Insulating Cement
ASTM C203	(2005a; R 2012) Breaking Load and Flexural Properties of Block-Type Thermal Insulation
ASTM C204	(2011) Standard Test Method for Fineness of Hydraulic Cement by Air Permeability Apparatus
ASTM C206	(2003; R 2009) Standard Specification for Finishing Hydrated Lime
ASTM C207	(2006; R 2011) Standard Specification for Hydrated Lime for Masonry Purposes
ASTM C208	(2008a) Cellulosic Fiber Insulating Board
ASTM C216	(2011) Facing Brick (Solid Masonry Units Made from Clay or Shale)
ASTM C220	(1991; R 2009) Standard Specification for Flat Asbestos-Cement Sheets
ASTM C231/C231M	(2010) Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method
ASTM C232/C232M	(2009) Standard Test Methods for Bleeding of Concrete
ASTM C233/C233M	(2011) Standard Test Method for Air-Entraining Admixtures for Concrete
ASTM C241/C241M	(2009) Standard Specification for Abrasion Resistance of Stone Subjected to Foot Traffic
ASTM C25	(2011) Standard Test Method for Chemical Analysis of Limestone, Quicklime, and Hydrated Lime
ASTM C260/C260M	(2010a) Standard Specification for Air-Entraining Admixtures for Concrete
ASTM C266	(2008e1) Standard Test Method for Time of Setting of Hydraulic-Cement Paste by Gillmore Needles
ASTM C267	(2001; R 2006) Chemical Resistance of Mortars, Grouts, and Monolithic Surfacing and Polymer Concretes

ASTM C27	(1998; R 2008) Fireclay and High-Alumina Refractory Brick
ASTM C270	(2012) Standard Specification for Mortar for Unit Masonry
ASTM C272/C272M	(2012) Standard Test Method for Water Absorption of Core Materials for Sandwich Constructions
ASTM C273/C273M	(2011) Shear Properties of Sandwich Core Materials
ASTM C28/C28M	(2010) Gypsum Plasters
ASTM C286	(1999; R 2009) Standard Terminology Relating to Porcelain Enamel and Ceramic-Metal Systems
ASTM C289	(2007) Standard Test Method for Potential Alkali-Silica Reactivity of Aggregates (Chemical Method)
ASTM C29/C29M	(2009) Standard Test Method for Bulk Density ("Unit Weight") and Voids in Aggregate
ASTM C294	(2005) Standard Descriptive Nomenclature for Constituents of Concrete Aggregates
ASTM C295/C295M	(2012) Petrographic Examination of Aggregates for Concrete
ASTM C297/C297M	(2004; R 2010) Flatwise Tensile Strength of Sandwich Constructions
ASTM C301	(2004; R 2009) Vitrified Clay Pipe
ASTM C307	(2003; R 2008) 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	(2010) Standard Practice for Making and Curing Concrete Test Specimens in the Field
ASTM C311	(2011b) Sampling and Testing Fly Ash or Natural Pozzolans for Use as a Mineral Admixture in Portland-Cement Concrete
ASTM C315	(2004; R 2012) Clay Flue Linings
ASTM C317/C317M	(2000; R 2010) Gypsum Concrete
ASTM C32	(2011) Standard Specification for Sewer and Manhole Brick (Made from Clay or Shale)
ASTM C33/C33M	(2011a) Standard Specification for Concrete Aggregates

ASTM C330	(2009) Standard Specification for Lightweight Aggregates for Structural Concrete
ASTM C330/C330M	(2009) Standard Specification for Lightweight Aggregates for Structural Concrete
ASTM C332	(2009) Lightweight Aggregates for Insulating Concrete
ASTM C338	(1993; R 2008) Standard Test Method Softening Point of Glass
ASTM C34	(2010) Structural Clay Load-Bearing Wall Tile
ASTM C35	(2001; R 2009) Inorganic Aggregates for Use in Gypsum Plaster
ASTM C361	(2011) Standard Specification for Reinforced Concrete Low-Head Pressure Pipe
ASTM C361M	(2008) Standard Specification for Reinforced Concrete Low-Head Pressure Pipe (Metric)
ASTM C373	(1988; R 2006) Water Absorption, Bulk Density, Apparent Porosity, and Apparent Specific Gravity of Fired Whiteware Products
ASTM C387/C387M	(2011b) Standard Specification for Packaged, Dry, Combined Materials for Mortar and Concrete
ASTM C39/C39M	(2012) Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens
ASTM C395	(2001; R 2006) Chemical-Resistant Resin Mortars
ASTM C4	(2004; R 2009) 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	(2011) Standard Test Method for Organic Impurities in Fine Aggregates for Concrete
ASTM C401	(20125) 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) Standard Specification for Aggregates for Masonry Grout
ASTM C406/C406M	(2010) Roofing Slate
ASTM C412	(2011) Concrete Drain Tile

ASTM C412M	(2011) Concrete Drain Tile (Metric)
ASTM C413	(2001; R 2006) Absorption of Chemical-Resistant Mortars, Grouts, and Monolithic Surfacing and Polymer Concretes
ASTM C42/C42M	(2012) 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 2009) Standard Specification for Compression Joints for Vitrified Clay Pipe and Fittings
ASTM C430	(2008) Fineness of Hydraulic Cement by the 45-Micrometer (No. 325) Sieve
ASTM C441	(2005) Effectiveness of Pozzolans or Ground Blast-Furnace Slag in Preventing Excessive Expansion of Concrete Due to the Alkali-Silica Reaction
ASTM C443	(2011) Standard Specification for Joints for Concrete Pipe and Manholes, Using Rubber Gaskets
ASTM C443M	(2011) Standard Specification for Joints for Concrete Pipe and Manholes, Using Rubber Gaskets (Metric)
ASTM C444	(2003; R 2009) Perforated Concrete Pipe
ASTM C444M	(2003; R 2009) Perforated Concrete Pipe (Metric)
ASTM C449	(2007) Standard Specification for Mineral Fiber Hydraulic-Setting Thermal Insulating and Finishing Cement
ASTM C451	(2008) Standard Test Method for Early Stiffening of Hydraulic Cement (Paste Method)
ASTM C457/C457M	(2011) Microscopical Determination of Parameters of the Air-Void System in Hardened Concrete
ASTM C469/C469M	(2010) Static Modulus of Elasticity and Poisson's Ratio of Concrete in Compression
ASTM C472	(1999; R 2009) Physical Testing of Gypsum, Gypsum Plasters and Gypsum Concrete
ASTM C473	(2010) Physical Testing of Gypsum Panel Products
ASTM C475/C475M	(2002; R 2007) Joint Compound and Joint Tape for Finishing Gypsum Board
ASTM C476	(2010) Standard Specification for Grout for Masonry

ASTM C478	(2012) Standard Specification for Precast Reinforced Concrete Manhole Sections
ASTM C478M	(2012) Standard Specification for Precast Reinforced Concrete Manhole Sections (Metric)
ASTM C481	(1999; R 2011) Standard Test Method Laboratory Aging of Sandwich Constructions
ASTM C482	(2002; R 2009) Bond Strength of Ceramic Tile to Portland Cement
ASTM C494/C494M	(2011) Standard Specification for Chemical Admixtures for Concrete
ASTM C495	(2007) Compressive Strength of Lightweight Insulating Concrete
ASTM C495/C495M	(2012) Standard Test Method for Compressive Strength of Lightweight Insulating Concrete
ASTM C496/C496M	(2011) Standard Test Method for Splitting Tensile Strength of Cylindrical Concrete Specimens
ASTM C497	(2005) Concrete Pipe, Manhole Sections, or Tile
ASTM C497M	(2005) Concrete Pipe, Manhole Sections, or Tile (Metric)
ASTM C50	(2000; R 2006) Sampling, Sample Preparation, Packaging, and Marking of Lime and Limestone Products
ASTM C501	(1984; R 2009) Relative Resistance to Wear of Unglazed Ceramic Tile by the Taber Abraser
ASTM C506	(2011) Standard Specification for Reinforced Concrete Arch Culvert, Storm Drain, and Sewer Pipe
ASTM C506M	(2011) Standard Specification for Reinforced Concrete Arch Culvert, Storm Drain, and Sewer Pipe (Metric)
ASTM C507	(2011) Standard Specification for Reinforced Concrete Elliptical Culvert, Storm Drain, and Sewer Pipe
ASTM C507M	(2011) Standard Specification for Reinforced Concrete Elliptical Culvert, Storm Drain, and Sewer Pipe (Metric)
ASTM C508/C508M	(2000; R 2009e1) Asbestos-Cement Underdrain Pipe
ASTM C509	(2006; R 2011) Elastomeric Cellular Preformed Gasket and Sealing Material
ASTM C514	(2004; R 2009e1) Standard Specification for Nails

for the Application of Gypsum Board

ASTM C516	(2008) Vermiculite Loose Fill Thermal Insulation
ASTM C518	(2010) Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus
ASTM C531	(2000; R 2005) Linear Shrinkage and Coefficient of Thermal Expansion of Chemical-Resistant Mortars, Grouts, and Monolithic Surfacing, and Polymer Concretes
ASTM C533	(2011) Standard Specification for Calcium Silicate Block and Pipe Thermal Insulation
ASTM C534/C534M	(2011) Standard Specification for Preformed Flexible Elastomeric Cellular Thermal Insulation in Sheet and Tubular Form
ASTM C535	(2009) 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 2011) Lock-Strip Gaskets
ASTM C547	(2012) Standard Specification for Mineral Fiber Pipe Insulation
ASTM C549	(2006) Perlite Loose Fill Insulation
ASTM C55	(2011) Concrete Brick
ASTM C552	(2007) Standard Specification for Cellular Glass Thermal Insulation
ASTM C553	(2011) Standard Specification for Mineral Fiber Blanket Thermal Insulation for Commercial and Industrial Applications
ASTM C557	(2003; R 2009e1) Adhesives for Fastening Gypsum Wallboard to Wood Framing
ASTM C564	(2011) Standard Specification for Rubber Gaskets for Cast Iron Soil Pipe and Fittings
ASTM C566	(1997; R 2004) Standard Test Method for Total Evaporable Moisture Content of Aggregate by Drying
ASTM C567/C567M	(2011) Determining Density of Structural Lightweight Concrete
ASTM C578	(2011be1) Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation
ASTM C579	(2001; R 2006) Compressive Strength of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes

ASTM C580	(2002; R 2008) Flexural Strength and Modulus of Elasticity of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes
ASTM C581	(2003; R 2008e1) 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 C587	(2004; R 2009) Gypsum Veneer Plaster
ASTM C59/C59M	(2000; R 2011) Gypsum Casting Plaster and Gypsum Molding Plaster
ASTM C591	(2011) Standard Specification for Unfaced Preformed Rigid Cellular Polyisocyanurate Thermal Insulation
ASTM C592	(2010) Standard Specification for Mineral Fiber Blanket Insulation and Blanket-Type Pipe Insulation (Metal-Mesh Covered) (Industrial Type)
ASTM C593	(2006; R 2011) Fly Ash and Other Pozzolans for Use with Lime for Soil Stabilization
ASTM C595/C595M	(2011) Standard Specification for Blended Hydraulic Cements
ASTM C596	(2009) Drying Shrinkage of Mortar Containing Hydraulic Cement
ASTM C597	(2009) Pulse Velocity Through Concrete
ASTM C600	(1985; R 2010) Thermal Shock Test on Glass Pipe
ASTM C602	(2007) Agricultural Liming Materials
ASTM C603	(2004; R 2008) Extrusion Rate and Application Life of Elastomeric Sealants
ASTM C61/C61M	(2000; R 2011) Gypsum Keene's Cement
ASTM C610	(2011) Standard Specification for Molded Expanded Perlite Block and Pipe Thermal Insulation
ASTM C612	(2010) Mineral Fiber Block and Board Thermal Insulation
ASTM C618	(2012) Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete
ASTM C62	(2010) Building Brick (Solid Masonry Units Made from Clay or Shale)

ASTM C631	(2009) Bonding Compounds for Interior Gypsum Plastering
ASTM C635/C635M	(2007) Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and Lay-In Panel Ceilings
ASTM C636/C636M	(2008) 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	(2009) Staining Materials in Lightweight Concrete Aggregates
ASTM C642	(2006) Density, Absorption, and Voids in Hardened Concrete
ASTM C645	(2011a) Nonstructural Steel Framing Members
ASTM C647	(2008) Properties and Tests of Mastics and Coating Finishes for Thermal Insulation
ASTM C648	(2004; R 2009) Breaking Strength of Ceramic Tile
ASTM C652	(2011) 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	(2011) Reinforced Concrete D-Load Culvert, Storm Drain, and Sewer Pipe
ASTM C658	(1998; R 2008) Chemical-Resistant Resin Grouts for Brick or Tile
ASTM C661	(2006; R 2011) Indentation Hardness of Elastomeric-Type Sealants by Means of a Durometer
ASTM C665	(2011) Mineral-Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing
ASTM C666/C666M	(2003; R 2008) Resistance of Concrete to Rapid Freezing and Thawing
ASTM C67	(2011) Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile
ASTM C672/C672M	(2003) Scaling Resistance of Concrete Surfaces Exposed to Deicing Chemicals
ASTM C679	(2003; R 2009e1) Tack-Free Time of Elastomeric Sealants

ASTM C684	(1999; R 2003) Making, Accelerated Curing, and Testing Concrete Compression Test Specimens
ASTM C685/C685M	(2011) Concrete Made by Volumetric Batching and Continuous Mixing
ASTM C70	(2006) Standard Test Method for Surface Moisture in Fine Aggregate
ASTM C700	(2011) 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	(1993; R 2010) Adhesion and Cohesion of Elastomeric Joint Sealants Under Cyclic Movement (Hockman Cycle)
ASTM C722	(2004) Standard Specification for Chemical-Resistant Resin Monolithic Surfacing
ASTM C726	(2011) Mineral Fiber Roof Insulation Board
ASTM C728	(2005; R 2010) Perlite Thermal Insulation Board
ASTM C73	(2010) Calcium Silicate Brick (Sand-Lime Brick)
ASTM C732	(2006) Aging Effects of Artificial Weathering on Latex Sealants
ASTM C734	(2006) Low-Temperature Flexibility of Latex Sealants After Artificial Weathering
ASTM C739	(2011) Cellulosic Fiber Loose-Fill Thermal Insulation
ASTM C744	(2011) Prefaced Concrete and Calcium Silicate Masonry Units
ASTM C754	(2011) Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products
ASTM C76	(2011) Standard Specification for Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe
ASTM C764	(2011) Mineral Fiber Loose-Fill Thermal Insulation
ASTM C76M	(2011) Standard Specification for Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe (Metric)
ASTM C779/C779M	(2005; R 2010) Abrasion Resistance of Horizontal Concrete Surfaces
ASTM C78/C78M	(2010) Standard Test Method for Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)

ASTM C780	(2011) 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 2010) Effects of Accelerated Weathering on Elastomeric Joint Sealants
ASTM C795	(2008) Standard Specification for Thermal Insulation for Use in Contact with Austenitic Stainless Steel
ASTM C796	(2004) Foaming Agents for Use in Producing Cellular Concrete Using Preformed Foam
ASTM C796/C796M	(2012) Standard Test Method for Foaming Agents for Use in Producing Cellular Concrete Using Preformed Foam
ASTM C803/C803M	(2003; R 2010) Penetration Resistance of Hardened Concrete
ASTM C805/C805M	(2008) Rebound Number of Hardened Concrete
ASTM C823/C823M	(2012) Examination and Sampling of Hardened Concrete in Construction
ASTM C827/C827M	(2010) Change in Height at Early Ages of Cylindrical Specimens from Cementitious Mixtures
ASTM C828	(2011) Low-Pressure Air Test of Vitrified Clay Pipe Lines
ASTM C834	(2010) Latex Sealants
ASTM C836/C836M	(2012) High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use With Separate Wearing Course
ASTM C840	(2011) Application and Finishing of Gypsum Board
ASTM C841	(2003; R 2008e1) Installation of Interior Lathing and Furring
ASTM C842	(2005e1; R 2010) Application of Interior Gypsum Plaster
ASTM C843	(1999; R 2006) Application of Gypsum Veneer Plaster
ASTM C844	(2004; R 2010) Application of Gypsum Base to Receive Gypsum Veneer Plaster
ASTM C847	(2012) Standard Specification for Metal Lath
ASTM C856	(2011) Petrographic Examination of Hardened Concrete

ASTM C857	(2011) Standard Practice for Minimum Structural Design Loading for Underground Precast Concrete Utility Structures
ASTM C864	(2005; R 2011) Dense Elastomeric Compression Seal Gaskets, Setting Blocks, and Spacers
ASTM C869/C869M	(2011) Foaming Agents Used in Making Preformed Foam for Cellular Concrete
ASTM C87/C87M	(2010) Effect of Organic Impurities in Fine Aggregate on Strength of Mortar
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	(2005) Standard Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate
ASTM C881/C881M	(2010) Standard Specification for Epoxy-Resin-Base Bonding Systems for Concrete
ASTM C882/C882M	(2005e1) Bond Strength of Epoxy-Resin Systems Used with Concrete by Slant Shear
ASTM C884/C884M	(1998; R 2010) Thermal Compatibility between Concrete and Epoxy-Resin Overlay
ASTM C891	(2011) Installation of Underground Precast Concrete Utility Structures
ASTM C897	(2005; R 2009) Aggregate for Job-Mixed Portland Cement-Based Plasters
ASTM C90	(2011b) Loadbearing Concrete Masonry Units
ASTM C91/C91M	(2012) Standard Specification for Masonry Cement
ASTM C916	(1985; R 2007) Standard Specification for Adhesives for Duct Thermal Insulation
ASTM C919	(2008) Use of Sealants in Acoustical Applications
ASTM C920	(2011) Standard Specification for Elastomeric Joint Sealants
ASTM C921	(2010) Standard Practice for Determining the Properties of Jacketing Materials for Thermal Insulation
ASTM C923	(2008) Standard Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures, Pipes and Laterals

ASTM C923M	(2008b) Standard Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures, Pipes and Laterals (Metric)
ASTM C924	(2002; R 2009) Testing Concrete Pipe Sewer Lines by Low-Pressure Air Test Method
ASTM C924M	(2002; R 2009) Testing Concrete Pipe Sewer Liner by Low-Pressure Air Test Method (Metric)
ASTM C926	(2011a) Application of Portland Cement-Based Plaster
ASTM C928/C928M	(2009) Packaged, Dry, Rapid-Hardening Cementitious Materials for Concrete Repairs
ASTM C930	(2005) Potential Health and Safety Concerns Associated with Thermal Insulation Materials and Accessories
ASTM C932	(2006) Standard Specification for Surface-Applied Bonding Compounds for Exterior Plastering
ASTM C933	(2011) Welded Wire Lath
ASTM C936/C936M	(2011) Standard Specification for Solid Concrete Interlocking Paving Units
ASTM C937	(2010) Grout Fluidifier for Preplaced-Aggregate Concrete
ASTM C938	(2010) Proportioning Grout Mixtures for Preplaced-Aggregate Concrete
ASTM C939	(2010) Flow of Grout for Preplaced-Aggregate Concrete (Flow Cone Method)
ASTM C94/C94M	(2012) Standard Specification for Ready-Mixed Concrete
ASTM C940	(2010a) 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	(2010) Making Test Cylinders and Prisms for Determining Strength and Density of Preplaced-Aggregate Concrete in the Laboratory
ASTM C944/C944M	(1999; R 2005e1) Standard Test Method for Abrasion Resistance of Concrete or Mortar Surfaces by the Rotating-Cutter Method
ASTM C953	(2010) Time of Setting of Grouts for Preplaced-Aggregate Concrete in the Laboratory

ASTM C954	(2011) 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	(2011c) Load-Bearing (Transverse and Axial) Steel Studs, Runners (Tracks), and Bracing or Bridging for Screw Application of Gypsum Panel Products and Metal Plaster Bases
ASTM C969	(2002; R 2009) Standard Practice for Infiltration and Exfiltration Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines
ASTM C969M	(2002; R 2009) Standard Practice for Infiltration and Exfiltration Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines (Metric)
ASTM C97/C97M	(2009) 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	(2010) Pigments for Integrally Colored Concrete
ASTM C989/C989M	(2011) Standard Specification for Slag Cement for Use in Concrete and Mortars
ASTM C990	(2009) Standard Specification for Joints for Concrete Pipe, Manholes and Precast Box Sections Using Preformed Flexible Joint Sealants
ASTM C990M	(2009) Standard Specification for Joints for Concrete Pipe, Manholes and Precast Box Sections Using Preformed Flexible Joint Sealants (Metric)
ASTM C991	(2008e1) 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	(2011) Haze and Luminous Transmittance of Transparent Plastics
ASTM D1004	(2009) Initial Tear Resistance of Plastic Film and Sheeting
ASTM D1037	(2006a) Evaluating Properties of Wood-Base Fiber and Particle Panel Materials
ASTM D1044	(2008e1) Resistance of Transparent Plastics to Surface Abrasion

ASTM D1045	(2008) Sampling and Testing Plasticizers Used in Plastics
ASTM D1047	(2011) Poly(Vinyl Chloride) Jacket for Wire and Cable
ASTM D1052	(2009) Measuring Rubber Deterioration-Cut Growth Using Ross Flexing Apparatus
ASTM D1054	(2002; R 2007) Rubber Property - Resilience Using a Rebound Pendulum
ASTM D1056	(2007) Standard Specification for Flexible Cellular Materials - Sponge or Expanded Rubber
ASTM D1066	(2011) Sampling Steam
ASTM D1073	(2011) Fine Aggregate for Bituminous Paving Mixtures
ASTM D1139/D1139M	(2009) Aggregate for Single or Multiple Bituminous Surface Treatments
ASTM D1140	(2000; R 2006) Amount of Material in Soils Finer than the No. 200 (75-micrometer) Sieve
ASTM D1143/D1143M	(2007e1) Piles Under Static Axial Compressive Load
ASTM D1148	(2007a) Standard Test Method for Rubber Deterioration-Discoloration from Ultraviolet (UV) and Heat Exposure of Light-Colored Surfaces
ASTM D1149	(2007) Standard Test Method for Rubber Deterioration - Surface Ozone Cracking in a Chamber
ASTM D1152	(2006) Methanol (Methyl Alcohol)
ASTM D1153	(2006) Methyl Isobutyl Ketone
ASTM D117	(2010) Standard Guide for Sampling, Test Methods, Specifications and Guide for Electrical Insulating Oils of Petroleum Origin
ASTM D1171	(1999; R 2007) Rubber Deterioration - Surface Ozone Cracking Outdoors or Chamber (Triangular Specimens)
ASTM D1177	(2007) Freezing Point of Aqueous Engine Coolants
ASTM D1179	(2010) Fluoride Ion in Water
ASTM D1187/D1187M	(1997; R 2011e1) Asphalt-Base Emulsions for Use as Protective Coatings for Metal
ASTM D1188	(2007e1) Bulk Specific Gravity and Density of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens
ASTM D1200	(2010) Viscosity by Ford Viscosity Cup

ASTM D1203	(2010) Volatile Loss from Plastics Using Activated Carbon Methods
ASTM D1204	(2008) Linear Dimensional Changes of Nonrigid Thermoplastic Sheeting or Film at Elevated Temperature
ASTM D1210	(2005; R 2010) 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	(1995; R 2007) Emulsified Asphalt Used as a Protective Coating for Roofing
ASTM D123	(2009e1e2) Terminology Relating to Textiles
ASTM D1238	(2010) Melt Flow Rates of Thermoplastics by Extrusion Plastometer
ASTM D1241	(2007) 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	(2010) Standard Test Method for Corrosiveness to Copper from Petroleum Products by Copper Strip Test
ASTM D1308	(2002; R 2007) Effect of Household Chemicals on Clear and Pigmented Organic Finishes
ASTM D1310	(2001; R 2007) Flash Point and Fire Point of Liquids by Tag Open-Cup Apparatus
ASTM D1327	(2004) Bitumen-Saturated Woven Burlap Fabrics Used in Roofing and Waterproofing
ASTM D1330	(2004; R 2010) Rubber Sheet Gaskets
ASTM D1384	(2005e1) Corrosion Test for Engine Coolants in Glassware
ASTM D140/D140M	(2009) Standard Practice for Sampling Bituminous Materials
ASTM D1401	(2010) Standard Test Method for Water Separability of Petroleum Oils and Synthetic Fluids
ASTM D1418	(2010a) Rubber and Rubber Lattices - Nomenclature

ASTM D1429	(2008) Specific Gravity of Water and Brine
ASTM D1435	(2005) Standard Practice for Outdoor Weathering of Plastics
ASTM D1452	(2009) Soil Investigation and Sampling by Auger Borings
ASTM D146	(2004) Sampling and Testing Bitumen-Saturated Felts and Woven Fabrics for Roofing and Waterproofing
ASTM D1461	(20116) Moisture or Volatile Distillates in Bituminous Paving Mixtures
ASTM D1474	(2008) Standard Test Method for Indentation Hardness of Organic Coatings
ASTM D1475	(1998; R 2008) Standard Test Method for Density of Liquid Coatings, Inks, and Related Products
ASTM D149	(2009) Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials at Commercial Power Frequencies
ASTM D1499	(2005) Filtered Open-Flame Carbon-Arc Type Exposures of Plastics
ASTM D1505	(2010) Density of Plastics by the Density-Gradient Technique
ASTM D1525	(2009) 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 2008) Specific Gravity of Pigments
ASTM D1533	(2000; R 2005) Standard Test Method for Water in Insulating Liquids by Coulometric Karl Fischer Titration
ASTM D1535	(2012) Specifying Color by the Munsell System
ASTM D1544	(2004; R 2010) Standard Test Method for Color of Transparent Liquids (Gardner Color Scale)
ASTM D1556	(2007) Density and Unit Weight of Soil in Place by the Sand-Cone Method
ASTM D1557	(2009) Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft ³) (2700 kN-m/m ³)
ASTM D1559	(1989) Resistance to Plastic Flow of Bituminous Mixtures Using Marshall Apparatus

ASTM D1560	(2009a) Resistance to Deformation and Cohesion of Bituminous Mixtures by Means of Hveem Apparatus
ASTM D1586	(2011) Penetration Test and Split-Barrel Sampling of Soils
ASTM D1587	(2008) Thin-Walled Tube Sampling of Soils for Geotechnical Purposes
ASTM D1593	(2009) Standard Specification for Nonrigid Vinyl Chloride Plastic Film and Sheeting
ASTM D1598	(2002; R 2009) Time-to-Failure of Plastic Pipe Under Constant Internal Pressure
ASTM D1599	(1999; R 2011) Resistance to Short-Time Hydraulic Failure Pressure of Plastic Pipe, Tubing, and Fittings
ASTM D1603	(2011) Carbon Black Content in Olefin Plastics
ASTM D1621	(2010) Compressive Properties of Rigid Cellular Plastics
ASTM D1622	(2008) Apparent Density of Rigid Cellular Plastics
ASTM D1623	(2009) Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics
ASTM D1625	(1971; R 2000) Standard Specifications for Chromated Copper Arsenate
ASTM D1630	(2006) Rubber Property - Abrasion Resistance (Footwear Abrader)
ASTM D1632	(2007) Making and Curing Soil-Cement Compression and Flexure Test Specimens in the Laboratory
ASTM D1633	(2000; R 2007) Compressive Strength of Molded Soil-Cement Cylinders
ASTM D1640	(2003; R 2009) Drying, Curing, or Film Formation of Organic Coatings at Room Temperature
ASTM D1652	(2011) Standard Test Method for Epoxy Content of Epoxy Resins
ASTM D1653	(2003; R 2008) Water Vapor Transmission of Organic Coating Films
ASTM D1654	(2008) Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments
ASTM D1667	(2005; R 2011) Flexible Cellular Materials - Poly (Vinyl Chloride) Foam (Closed-Cell)
ASTM D1668	(1997a; R 2006) 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	(2012) 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	(2003e1; R 2011) Bitumen-Saturated Cotton Fabrics Used in Roofing and Waterproofing
ASTM D1730	(2009) Standard Practices for Preparation of Aluminum and Aluminum-Alloy Surfaces for Painting
ASTM D1751	(2004; R 2008) Standard Specification for Preformed Expansion Joint Filler for Concrete Paving and Structural Construction (Nonextruding and Resilient Bituminous Types)
ASTM D1752	(2004a; R 2008) Standard Specification for Preformed Sponge Rubber Cork and Recycled PVC Expansion
ASTM D1761	(2006) Standard Test Methods for Mechanical Fasteners in Wood
ASTM D1763	(2000; R 2005) Epoxy Resins
ASTM D1777	(1996e1; 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	(2012) Standard Specification for Poly(Vinyl Chloride) (PVC), Plastic Pipe, Schedules 40, 80, and 120
ASTM D1790	(2008) Brittleness Temperature of Plastic Sheeting by Impact
ASTM D1856	(2009) Recovery of Asphalt from Solution by Abson Method
ASTM D1863/D1863M	(2005e1; R 2011) Mineral Aggregate Used on Built-Up Roofs
ASTM D1864/D1864M	(1989; R 2009e1) Moisture in Mineral Aggregate Used on Built-Up Roofs
ASTM D1876	(2008) Standard Test Method for Peel Resistance of Adhesives (T-Peel Test)

ASTM D1883	(2007e2) CBR (California Bearing Ratio) of Laboratory-Compacted Soils
ASTM D1894	(2011e1) Static and Kinetic Coefficients of Friction of Plastic Film and Sheeting
ASTM D1922	(2009) 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	(2011) Standard Test Method for Determining Ignition Temperature of Plastics
ASTM D1970/D1970M	(2011) 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	(2009) Standard Test Methods of Static Tests of Lumber in Structural Sizes
ASTM D1998	(2006) Polyethylene Upright Storage Tanks
ASTM D2000	(2012) Standard Classification System for Rubber Products in Automotive Applications
ASTM D202	(2008) Sampling and Testing Untreated Paper Used for Electrical Insulation
ASTM D2026/D2026M	(1997; R 2010e1) Cutback Asphalt (Slow-Curing Type)
ASTM D2027	(2010) Cutback Asphalt (Medium-Curing Type)
ASTM D2028	(2010) Cutback Asphalt (Rapid-Curing Type)
ASTM D2028/D2028M	(2010) Cutback Asphalt (Rapid-Curing Type)
ASTM D2035	(2008) Standard Practice for Coagulation-Flocculation Jar Test of Water
ASTM D2041/D2041M	(2011) Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures
ASTM D2047	(2011) Static Coefficient of Friction of Polish-Coated Floor Surfaces as Measured by the James Machine
ASTM D2103	(2010) Standard Specification for Polyethylene Film and Sheeting
ASTM D2104	(2003) Standard Specification for Polyethylene (PE) Plastic Pipe, Schedule 40

ASTM D2113	(2008) Rock Core Drilling and Sampling of Rock for Site Investigation
ASTM D2122	(1998; R 2010) Determining Dimensions of Thermoplastic Pipe and Fittings
ASTM D2126	(2009) Response of Rigid Cellular Plastics to Thermal and Humid Aging
ASTM D2136	(2002; R 2007) Coated Fabrics - Low-Temperature Bend Test
ASTM D2167	(2008) Density and Unit Weight of Soil in Place by the Rubber Balloon Method
ASTM D217	(2010) 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	(2011) Quantitative Extraction of Bitumen from Bituminous Paving Mixtures
ASTM D2176	(1997a; R 2007) Folding Endurance of Paper by the M.I.T. Tester
ASTM D2178	(2004) Asphalt Glass Felt Used in Roofing and Waterproofing
ASTM D2186	(2005; R 2009) Deposit-Forming Impurities in Steam
ASTM D2216	(2010) Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass
ASTM D2217	(1985; R 1998) Wet Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants
ASTM D2235	(2004; R 2011) 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	(2005; R 2010) Standard Test Method for Rubber Property - Durometer Hardness
ASTM D2241	(2009) Standard Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series)
ASTM D2244	(2011) Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates

ASTM D2247	(2011) Testing Water Resistance of Coatings in 100% Relative Humidity
ASTM D226	(2009) Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing
ASTM D226/D226M	(2009) Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing
ASTM D2261	(2011) Tearing Strength of Fabrics by the Tongue (Single Rip) Procedure (Constant Rate-of-Extension Tensile Testing Machine)
ASTM D227/D227M	(2003e1; R 2011) Coal-Tar-Saturated Organic Felt Used in Roofing and Waterproofing
ASTM D2287	(2011) Nonrigid Vinyl Chloride Polymer and Copolymer Molding and Extrusion Compounds
ASTM D229	(2009b) Rigid Sheet and Plate Materials Used for Electrical Insulation
ASTM D2308	(2007) Standard Specification for Thermoplastic Polyethylene Jacket for Electrical Wire and Cable
ASTM D2310	(2006) Machine-Made "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe
ASTM D2321	(2011) Standard Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Applications
ASTM D2344/D2344M	(2000; R 2006) Standard Test Method for Short-Beam Strength of Polymer Matrix Composite Materials and Their Laminates
ASTM D235	(2002; R 2007) Mineral Spirits (Petroleum Spirits) (Hydrocarbon Dry Cleaning Solvent)
ASTM D2369	(2010e1) Volatile Content of Coatings
ASTM D2370	(1998; R 2010) Tensile Properties of Organic Coatings
ASTM D2394	(2005; R 2011) Simulated Service Testing of Wood and Wood-Base Finish Flooring
ASTM D2397	(2005) Standard Specification for Cationic Emulsified Asphalt
ASTM D2412	(2011) Determination of External Loading Characteristics of Plastic Pipe by Parallel-Plate Loading
ASTM D2419	(2009) Sand Equivalent Value of Soils and Fine Aggregate

ASTM D242/D242M	(2009) Mineral Filler for Bituminous Paving Mixtures
ASTM D2434	(1968; R 2006) Permeability of Granular Soils (Constant Head)
ASTM D244	(2009) Emulsified Asphalts
ASTM D2447	(2003) Standard Specification for Polyethylene (PE) Plastic Pipe, Schedules 40 and 80, Based on Outside Diameter
ASTM D2452	(2003; R 2009) Standard Test Method for Extrudability of Oil- and Resin-Base Caulking Compounds
ASTM D2453	(2003; R 2009) Standard Test Method for Shrinkage and Tenacity of Oil- and Resin-Base Caulking Compounds
ASTM D2454	(2008) Determining the Effect of Overbaking on Organic Coatings
ASTM D2464	(2006) Standard Specification for Threaded Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80
ASTM D2466	(2006) Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40
ASTM D2467	(2006) 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 2006) Standard Specification for Sulphur Hexafluoride
ASTM D2487	(2011) Soils for Engineering Purposes (Unified Soil Classification System)
ASTM D2488	(2009a) Description and Identification of Soils (Visual-Manual Procedure)
ASTM D2489/D2489M	(2008) Estimating Degree of Particle Coating of Bituminous-Aggregate Mixtures
ASTM D2495	(2007) Standard Test Method for Moisture in Cotton by Oven-Drying
ASTM D25	(1999; R 2005) Round Timber Piles
ASTM D2513	(2012a) Thermoplastic Gas Pressure Pipe, Tubing, and Fittings
ASTM D2517	(2006; R 2011) Reinforced Epoxy Resin Gas Pressure

Pipe and Fittings

ASTM D2523	(2000; R 2006) Standard Practice for Testing Load-Strain Properties of Roofing Membranes
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	(2004; R 2009e1) Standard Specification for Solvent Cements for Poly(Vinyl Chloride) (PVC) Plastic Piping Systems
ASTM D2565	(1999; R 2008) Xenon Arc Exposure of Plastics Intended for Outdoor Applications
ASTM D257	(2007) Standard Test Methods for D-C Resistance or Conductance of Insulating Materials
ASTM D2583	(2007) Indentation Hardness of Rigid Plastics by Means of a Barcol Impressor
ASTM D2609	(2002; R 2008) Standard Specification for Plastic Insert Fittings for Polyethylene (PE) Plastic Pipe
ASTM D2621	(1987; R 2011) Infrared Identification of Vehicle Solids from Solvent-Reducible Paints
ASTM D2628	(1991; R 2011) Standard Specification for Preformed Polychloroprene Elastomeric Joint Seals for Concrete Pavements
ASTM D2632	(2001; R 2008) Rubber Property-Resilience by Vertical Rebound
ASTM D2652	(2011) Activated Carbon
ASTM D2657	(2007) Heat Fusion Joining Polyolefin Pipe and Fittings
ASTM D2661	(2011) Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40, Plastic Drain, Waste, and Vent Pipe and Fittings
ASTM D2665	(2012) Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings
ASTM D2672	(1996a; R 2009) Joints for IPS PVC Pipe Using Solvent Cement
ASTM D2680	(2001; R 2009) Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Composite Sewer Piping

ASTM D2683	(2010) Standard Specification for Socket-Type Polyethylene Fittings for Outside Diameter-Controlled Polyethylene Pipe and Tubing
ASTM D2688	(2011) Corrosivity of Water in the Absence of Heat Transfer (Weight Loss Methods)
ASTM D2697	(2003; R 2008) Volume Nonvolatile Matter in Clear or Pigmented Coatings
ASTM D2726	(2011) Bulk Specific Gravity and Density of Non-Absorptive Compacted Bituminous Mixtures
ASTM D2729	(2011) Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings
ASTM D2737	(2012) Polyethylene (PE) Plastic Tubing
ASTM D2751	(2005) Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Sewer Pipe and Fittings
ASTM D2765	(2011) 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 D281	(1995; R 2007) Oil Absorption of Pigments by Spatula Rub-Out
ASTM D2822/D2822M	(2005e1; R 2011) Asphalt Roof Cement
ASTM D2824	(2006) Aluminum-Pigmented Asphalt Roof Coatings, Non-Fibered, Asbestos Fibered, and Fibered without Asbestos
ASTM D2835	(1989; R 2007) Lubricant for Installation of Preformed Compression Seals in Concrete Pavements
ASTM D2837	(2011) Standard Test Method for Obtaining Hydrostatic Design Basis for Thermoplastic Pipe Materials or Pressure Design Basis for Thermoplastic Pipe Products
ASTM D2842	(2006) Water Absorption of Rigid Cellular Plastics
ASTM D2843	(2010) Density of Smoke from the Burning or Decomposition of Plastics
ASTM D2844	(2007e1) Resistance R-Value and Expansion Pressure of Compacted Soils
ASTM D2846/D2846M	(2009be1) Chlorinated Poly(Vinyl Chloride) (CPVC)

Plastic Hot- and Cold-Water Distribution Systems

ASTM D2854	(2009) Apparent Density of Activated Carbon
ASTM D2855	(1996; R 2010) Standard Practice for Making Solvent-Cemented Joints with Poly(Vinyl Chloride) (PVC) Pipe and Fittings
ASTM D2856	(1994; R 1998) Open-Cell Content of Rigid Cellular Plastics by the Air Pycnometer
ASTM D2859	(2006; R 2011) Ignition Characteristics of Finished Textile Floor Covering Materials
ASTM D2862	(2010) Particle Size Distribution of Granular Activated Carbon
ASTM D2863	(2012) 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) Moisture in Activated Carbon
ASTM D2898	(2010) Accelerated Weathering of Fire-Retardant-Treated Wood for Fire Testing
ASTM D2917	(2007) Methyl Isoamyl Ketone
ASTM D2937	(2010) Density of Soil in Place by the Drive-Cylinder Method
ASTM D2939	(2003) Emulsified Bitumens Used as Protective Coatings
ASTM D2940/D2940M	(2009) Standard Specification for Graded Aggregate Material for Bases or Subbases for Highways or Airports
ASTM D2950/D2950M	(2011) Density of Bituminous Concrete in Place by Nuclear Methods
ASTM D297	(1993; R 2006) Rubber Products - Chemical Analysis
ASTM D2974	(2007a) Moisture, Ash, and Organic Matter of Peat and Other Organic Soils
ASTM D2990	(2009) 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	(2001; R 2007e1) Filament-Wound "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe
ASTM D2997	(2001; R 2007e1) Centrifugally Cast "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe
ASTM D3018/D3018M	(2011) 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 D3020	(1989) Polyethylene and Ethylene Copolymer Plastic Sheeting for Pond, Canal, and Reservoir Lining
ASTM D3034	(2008) Standard Specification for Type PSM Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings
ASTM D3035	(2010) Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter
ASTM D3039/D3039M	(2008) Tensile Properties of Polymer Matrix Composite Materials
ASTM D3045	(1992; R 2010) Practice for Heat Aging of Plastics Without Load
ASTM D3083	(1989) Flexible Poly(Vinyl Chloride) Plastic Sheeting for Pond, Canal, and Reservoir Lining
ASTM D312	(2000; R 2006) 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 2011) 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	(2012) Standard Test Method for Wind-Resistance of Asphalt Shingles (Fan-Induced Method)
ASTM D3171	(2011) Standard Test Method for Constituent Content of Composite Materials
ASTM D3203/D3203M	(2011) Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures
ASTM D3212	(2007) Standard Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals

ASTM D3222	(2005; R 2010) Unmodified Poly(Vinylidene Fluoride) (PVDF) Molding Extrusion and Coating Materials
ASTM D323	(2008) Vapor Pressure of Petroleum Products (Reid Method)
ASTM D3261	(2010a) Standard Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing
ASTM D3262	(2011) "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Sewer Pipe
ASTM D3273	(2012) Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber
ASTM D3274	(2009e1) Evaluating Degree of Surface Disfigurement of Paint Films by Microbial (Fungal or Algal) Growth or Soil and Dirt Accumulation
ASTM D3276	(2007) 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	(2010) Perfluoroalkoxy (PFA)-Fluorocarbon Resin Molding and Extrusion Materials
ASTM D3308	(2006) PTFE Resin Skived Tape
ASTM D3311	(2011) Drain, Waste, and Vent (DWV) Plastic Fittings Patterns
ASTM D333	(2001; R 2007) Standard Guide for Clear and Pigmented Lacquers
ASTM D3330/D3330M	(2004; R 2010) Peel Adhesion of Pressure-Sensitive Tape
ASTM D3335	(1985a; R 2009) Low Concentrations of Lead, Cadmium, and Cobalt in Paint by Atomic Absorption Spectroscopy
ASTM D3350	(2012) Polyethylene Plastics Pipe and Fittings Materials
ASTM D3359	(2009e2) Measuring Adhesion by Tape Test
ASTM D3363	(2005e1; R 2011) Film Hardness by Pencil Test
ASTM D3370	(2010) Sampling Water from Closed Conduits
ASTM D3381/D3381M	(2009a) Viscosity-Graded Asphalt Cement for Use in Pavement Construction

ASTM D3389	(2010) Coated Fabrics Abrasion Resistance (Rotary Platform, Double-Head Abrader)
ASTM D3418	(2008) Transition Temperatures of Polymers by Differential Scanning Calorimetry
ASTM D3427	(2007) Standard Test Method for Air Release Properties of Petroleum Oils
ASTM D3451	(2006) Testing Coating Powders and Powder Coatings
ASTM D3455	(2011) Compatibility of Construction Material with Electrical Insulating Oil of Petroleum Origin
ASTM D3462/D3462M	(2010a) Standard Specification for Asphalt Shingles Made From Glass Felt and Surfaced with Mineral Granules
ASTM D3465	(2000; R 2007e1) Standard Test Method for Purity of Monmeric Plasticizers by Gas Chromatography
ASTM D3487	(2009) Standard Specification for Mineral Insulating Oil Used in Electrical Apparatus
ASTM D3498	(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 D3567	(1997; R 2011) Standard Practice for Determining Dimensions of "Fiberglass" (Glass-Fiber-Reinforced Thermosetting Resin) Pipe and Fittings
ASTM D3574	(2011) Standard Test Methods for Flexible Cellular Materials—Slab, Bonded, and Molded Urethane Foams
ASTM D3575	(2008) Flexible Cellular Materials Made From Olefin Polymers
ASTM D3595	(2002; R 2007) Polychlorotrifluoroethylene (PCTFE) Extruded Plastic Sheet and Film
ASTM D3612	(2002; R 2009) Standard Test Method for Analysis of Gases Dissolved in Electrical Insulating Oil by Gas Chromatography
ASTM D3617	(2007) Sampling and Analysis of New Built-Up Roof Membranes
ASTM D3625	(1996; R 2005) Standard Practice for Effect of Water on Bituminous-Coated Aggregate Using Boiling Water
ASTM D3656	(2007) Insect Screening and Louver Cloth Woven from Vinyl-Coated Glass Yarns

ASTM D3665	(2007e1) Random Sampling of Construction Materials
ASTM D3666	(2011) Standard Specification for Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials
ASTM D3667	(2005; R 2010) Rubber Seals Used in Flat-Plate Solar Collectors
ASTM D3676	(2007) Rubber Cellular Cushion Used for Carpet or Rug Underlay
ASTM D3678	(1997; R 2008e1) Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Interior-Profile Extrusions
ASTM D3689	(2007) Standard Test Methods for Deep Foundations Under Static Axial Tensile Load
ASTM D3691/D3691M	(2009) Woven, Lace, and Knit Household Curtain and Drapery Fabrics
ASTM D3699	(2008) Standard Specification for Kerosene
ASTM D3718	(1985a; R 2010) Low Concentrations of Chromium in Paint by Atomic Absorption Spectroscopy
ASTM D3721	(2005; R 2011) Synthetic Red Iron Oxide Pigment
ASTM D3737	(2009) Standard Practice for Establishing Allowable Properties for Structural Glued Laminated Timber (Glulam)
ASTM D374	(1999; R 2004) Thickness of Solid Electrical Insulation
ASTM D3740	(2012) 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	(1999; R 2005) Thickness of Solid Electrical Insulation (Metric)
ASTM D3753	(2012) Glass-Fiber-Reinforced Polyester Manholes and Wetwells
ASTM D3754	(2011) "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Sewer and Industrial Pressure Pipe
ASTM D3775	(2008) Warp End Count and Filling Pick Count of Woven Fabric
ASTM D3776/D3776M	(2009ae1e2) Standard Test Method for Mass Per Unit

Area (Weight) of Fabric

ASTM D3786/D3786M	(2009) Hydraulic Bursting Strength of Textile Fabrics-Diaphragm Bursting Strength Tester Method
ASTM D3787	(2007; R 2011) Bursting Strength of Textiles - Constant-Rate-of-Traverse (CRT), Ball Burst Test
ASTM D3802	(2010) Ball-Pan Hardness of Activated Carbon
ASTM D3833/D3833M	(1996; R 2011) Water Vapor Transmission of Pressure-Sensitive Tapes
ASTM D3839	(2008) Underground Installation of "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe
ASTM D3840	(2010) "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe Fittings for Nonpressure Applications
ASTM D3841	(1997; R 2008e1) Standard Specification for Glass Fiber-Reinforced Polyester Plastic Panels
ASTM D3860	(1998; R 2008) Determination of Adsorptive Capacity of Activated Carbon by Aqueous Phase Isotherm Technique
ASTM D3867	(2009) Nitrite-Nitrate in Water
ASTM D3884	(2009) Abrasion Resistance of Textile Fabrics (Rotary Platform, Double-Head Method)
ASTM D3887	(1996; R 2008) Standard Specification for Tolerances for Knitted Fabrics
ASTM D3892	(1993; R 2009) Packaging/Packing of Plastics
ASTM D3895	(2007) Oxidative-Induction Time of Polyolefins by Differential Scanning Calorimetry
ASTM D390	(1992; R 1999) Coal-Tar Creosote for the Preservative Treatment of Piles, Poles and Timbers for Marine, Land, and Fresh Water Use
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) Tensile Properties of Pultruded Glass-Fiber-Reinforced Plastic Rod
ASTM D3924	(1980; R 2011) Standard Environment for Conditioning and Testing Paint, Varnish, Lacquer,

and Related Materials

ASTM D3925	(2002; R 2010) Sampling Liquid Paints and Related Pigmented Coatings
ASTM D395	(2003; R 2008) Standard Test Methods for Rubber Property - Compression Set
ASTM D3951	(2010) Commercial Packaging
ASTM D396	(2010) Standard Specification for Fuel Oils
ASTM D3960	(2005) Determining Volatile Organic Compound (VOC) Content of Paints and Related Coatings
ASTM D3965	(2011) Rigid Acrylonitrile-Butadiene-Styrene (ABS) Materials for Pipe and Fittings
ASTM D3966	(2007) Standard Test Methods for Deep Foundations Under Lateral Load
ASTM D4	(1986; R 2010) Bitumen Content
ASTM D4000	(2011) Standard Classification System for Specifying Plastic Materials
ASTM D4016	(2008) Viscosity of Chemical Grouts by Brook field Viscometer (Laboratory Method)
ASTM D402	(2008) Distillation of Cut-Back Asphaltic (Bituminous) Products
ASTM D4020	(2011) Ultra-High-Molecular-Weight Polyethylene Molding and Extrusion Materials
ASTM D4024	(2005) Machine Made "Fiberglass" (Glass-Fiber-Reinforced Thermosetting Resin) Flanges
ASTM D4057	(2006; R 2011) 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	(2010) Abrasion Resistance of Organic Coatings by the Taber Abraser
ASTM D4068	(2009) Chlorinated Polyethylene Sheeting for Concealed Water-Containment Membrane
ASTM D4073	(2006) Standard Test Method for Tensile-Tear Strength of Bituminous Roofing Membranes
ASTM D4078	(2002; R 2008) Water Emulsion Floor Polish
ASTM D4093	(1995; R 2010) 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) Asphalt Primer Used in Roofing, Dampproofing, and Waterproofing
ASTM D4101	(2011) Standard Specification for Polypropylene Injection and Extrusion Materials
ASTM D412	(2006ae2) 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 2007) Rubber Property - Adhesion to Flexible Substrate
ASTM D4157	(2010) Standard Test Method for Abrasion Resistance of Textile Fabrics (Oscillatory Cylinder Method)
ASTM D4161	(2001; R 2010) "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe Joints Using Flexible Elastomeric Seals
ASTM D4167	(1997; R 2007) Fiber-Reinforced Plastic Fans and Blowers
ASTM D4177	(1995; R 2010) 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) Standard Test Method for Evaluating the Degree of Chalking of Exterior Paint Films
ASTM D4216	(2006) Rigid Poly (Vinyl Chloride) (PVC) and Related PVC and Chlorinated Poly (Vinyl Chloride) (CPVC) Building Products Compounds
ASTM D4218	(1996; R 2008) Determination of Carbon Black Content in Polyethylene Compounds by the Muffle-Furnace Technique
ASTM D422	(1963; R 2007) Particle-Size Analysis of Soils
ASTM D4220	(1995; R 2007) Preserving and Transporting Soil Samples
ASTM D4253	(2000; R 2006) Maximum Index Density and Unit Weight of Soils Using a Vibratory Table

ASTM D4254	(2000; R 2006e1) 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	(2008) Extended Life Type, Nonplowable, Raised, Retroreflective Pavement Markers
ASTM D4285	(1983; R 2012) Indicating Oil or Water in Compressed Air
ASTM D429	(2008) Rubber Property-Adhesion to Rigid Substrates
ASTM D43	(2000; R 2006) Coal Tar Primer Used in Roofing, Dampproofing, and Waterproofing
ASTM D430	(2006e1) Standard Test Methods for Rubber Deterioration - Dynamic Fatigue
ASTM D4318	(2010) Liquid Limit, Plastic Limit, and Plasticity Index of Soils
ASTM D4329	(2005) Standard Practice for Fluorescent UV Exposure of Plastics
ASTM D4354	(1999; R 2009) Sampling of Geosynthetics for Testing
ASTM D4355	(2007) Deterioration of Geotextiles from Exposure to Light, Moisture and Heat in a Xenon-Arc Type Apparatus
ASTM D4357	(1996) Plastic Laminates Made from Woven-Roving and Woven-Yarn Glass Fabrics
ASTM D4380	(1984; R 2006) Standard Test Method for Density of Bentonitic Slurries
ASTM D4397	(2010) Standard Specification for Polyethylene Sheeting for Construction, Industrial, and Agricultural Applications
ASTM D4400	(1999; R 2012) Sag Resistance of Paints Using a Multinotch Applicator
ASTM D4402	(2006) Viscosity Determination of Asphalt at Elevated Temperatures Using a Rotational Viscometer
ASTM D4417	(2003) Field Measurement of Surface Profile of Blast Cleaned Steel
ASTM D4427	(2007) Peat Samples by Laboratory Testing
ASTM D4434/D 4434M	(2011) Poly(Vinyl Chloride) Sheet Roofing

ASTM D4439	(2011) Geosynthetics
ASTM D4444	(2008) Use and Calibration of Hand-Held Moisture Meters
ASTM D445	(2012) Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (and the Calculation of Dynamic Viscosity)
ASTM D4479	(2007) Asphalt Roof Coatings - Asbestos-Free
ASTM D448	(2008) Sizes of Aggregate for Road and Bridge Construction
ASTM D449	(2003; R 2008) Asphalt Used in Dampproofing and Waterproofing
ASTM D4491	(1999a; R 2009) Water Permeability of Geotextiles by Permittivity
ASTM D450	(2007) Coal-Tar Pitch Used in Roofing, Dampproofing, and Waterproofing
ASTM D4501	(2001; R 2009e1) Adhesive Bonds Between Rigid Substrates by the Block-Shear Method
ASTM D4505	(2005) Preformed Retroreflective Pavement Marking Tape for Extended Service Life
ASTM D4533	(2011) Trapezoid Tearing Strength of Geotextiles
ASTM D4541	(2009e1) Pull-Off Strength of Coatings Using Portable Adhesion Testers
ASTM D4551	(1996; R 2008e1) Poly(Vinyl Chloride) (PVC) Plastic Flexible Concealed Water-Containment Membrane
ASTM D4552/D4552M	(2010) Classifying Hot-Mix Recycling Agents
ASTM D4586	(2007) Asphalt Roof Cement, Asbestos-Free
ASTM D4587	(2011) Standard Practice for Fluorescent UV-Condensation Exposures of Paint and Related Coatings
ASTM D4595	(2011) Tensile Properties of Geotextiles by the Wide-Width Strip Method
ASTM D4601	(2004) Asphalt-Coated Glass Fiber Base Sheet Used in Roofing
ASTM D4607	(1994; R 2011) Determination of Iodine Number of Activated Carbon
ASTM D4632	(2008) Grab Breaking Load and Elongation of Geotextiles

ASTM D4635	(2008a) Standard Specification for Polyethylene Films Made from Low-Density Polyethylene for General Use and Packaging Applications
ASTM D4637/D4637M	(2012) EPDM Sheet Used in Single-Ply Roof Membrane
ASTM D4643	(2008) Determination of Water (Moisture) Content of Soil by the Microwave Oven Method
ASTM D4689	(1999; R 2005) Standard Specification for Adhesive, Casein-Type
ASTM D4690	(1999; R 2005) Standard Specification for Urea Formaldehyde Resin Adhesives
ASTM D470	(2005) Crosslinked Insulations and Jackets for Wire and Cable
ASTM D471	(2012) Standard Test Method for Rubber Property - Effect of Liquids
ASTM D4716	(2008) Determining the (In-Plane) Flow Rate Per Unit Width and Hydraulic Transmissivity of a Geosynthetic Using a Constant Head
ASTM D4750	(1987; R 2001) Determining Subsurface Liquid Levels in a Borehole or Monitoring Well (Observation Well)
ASTM D4751	(2004) Determining Apparent Opening Size of a Geotextile
ASTM D4759	(2011) Determining the Specification Conformance of Geosynthetics
ASTM D476	(2000; R 2011) Dry Pigmentary Titanium Dioxide Pigments
ASTM D4791	(2010) Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate
ASTM D4802	(2010) Poly(Methyl Methacrylate) Acrylic Plastic Sheet
ASTM D4811	(2006) Nonvulcanized (Uncured) Rubber Sheet Used as Roof Flashing
ASTM D4814	(2011b) Automotive Spark-Ignition Engine Fuel
ASTM D4832	(2010) Preparation and Testing of Controlled Low Strength Material (CLSM) Test Cylinders
ASTM D4833	(2007) Index Puncture Resistance of Geotextiles, Geomembranes, and Related Products
ASTM D4840	(1999; R 2010) Sampling Chain-Of-Custody Procedures
ASTM D4867/D4867M	(2009) Effect of Moisture on Asphalt Concrete

Paving Mixtures

ASTM D4869/D4869M	(2005e1; R 2011) Standard Specification for Asphalt-Saturated Organic Felt Underlayment Used in Steep Slope Roofing
ASTM D4873	(2002; R 2009) Identification, Storage, and Handling of Geosynthetic Rolls and Samples
ASTM D4884	(2009e1) Strength of Sewn or Thermally Bonded Seams of Geotextiles
ASTM D4887/D4887M	(2011) Preparation of Viscosity Blends for Hot Recycled Bituminous Materials
ASTM D4897/D4897M	(2001; R 2009) Standard Specification for Asphalt-Coated Glass-Fiber Venting Base Sheet Used in Roofing
ASTM D490	(1992; R 2011) Road Tar
ASTM D4944	(2011) Field Determination of Water (Moisture) Content of Soil by the Calcium Carbide Gas Pressure Tester Method
ASTM D4945	(2008) High-Strain Dynamic Testing of Piles
ASTM D495	(1999; R 2004) Standard Test Method for High-Voltage, Low-Current, Dry Arc Resistance of Solid Electrical Insulation
ASTM D4959	(2007) Determination of Water (Moisture) Content of Soil by Direct Heating
ASTM D4972	(2001; R 2007) pH of Soils
ASTM D4976	(2012) Standard Specification for Polyethylene Plastics Molding and Extrusion Materials
ASTM D4992	(2007) Evaluation of Rock to be Used for Erosion Control
ASTM D5	(2006e1) Penetration of Bituminous Materials
ASTM D5034	(2009) Breaking Strength and Elongation of Textile Fabrics (Grab Test)
ASTM D5035	(2011) Breaking Force and Elongation of Textile Fabrics (Strip Method)
ASTM D5079	(2008) Preserving and Transporting Rock Core Samples
ASTM D5084	(2010) Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter
ASTM D5088	(2002; R 2008) Decontamination of Field Equipment

Used at Nonradioactive Waste Sites

ASTM D5092	(2004; R 2010e1) 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 D5106	(2008) Steel Slag Aggregates for Bituminous Paving Mixtures
ASTM D512	(2010) Chloride Ion in Water
ASTM D5147/D5147M	(2011a) Standard Test Methods for Sampling and Testing Modified Bituminous Sheet Material
ASTM D5148	(2010) Standard Test Method for Centrifuge Kerosine Equivalent
ASTM D5158	(1998; R 2005) Determination of the Particle Size of Powdered Activated Carbon by Air Jet Sieving
ASTM D516	(2011) Sulfate Ion in Water
ASTM D517	(1998; R 2008) Asphalt Plank
ASTM D5195	(2008) 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 D5203	(2007) Polyethylene Plastics Molding and Extrusion Materials from Recycled Post-Consumer (HDPE) Sources
ASTM D522	(1993a; R 2008) Mandrel Bend Test of Attached Organic Coatings
ASTM D5228	(1992; R 2010) Determination of the Butane Working Capacity of Activated Carbon
ASTM D523	(2008) Standard Test Method for Specular Gloss
ASTM D5249	(2010) 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) Evaluating the Unconfined Tension Creep Behavior of Geosynthetics
ASTM D5268	(2007) Topsoil Used for Landscaping Purposes
ASTM D5299	(1999; R 2005) Decommissioning of Ground Water Wells, Vadose Zone Monitoring Devices, Boreholes,

and Other Devices for Environmental Activities

ASTM D5312	(2004) Evaluation of Durability of Rock for Erosion Control Under Freezing and Thawing Conditions
ASTM D5313	(2004) Evaluation of Durability of Rock for Erosion Control Under Wetting and Drying Conditions
ASTM D5321	(2008) Determining the Coefficient of Soil and Geosynthetic or Geosynthetic and Geosynthetic Friction by the Direct Shear Method
ASTM D5385	(1993; R 2006) Hydrostatic Pressure Resistance of Waterproofing Membranes
ASTM D5397	(2007) Evaluation of Stress Crack Resistance of Polyolefin Geomembranes Using Notched Constant Tensile Load Test
ASTM D542	(2000; R 2006) Index of Refraction of Transparent Organic Plastics
ASTM D5420	(2010) Impact Resistance of Flat, Rigid Plastic Specimen by Means of a Strike Impacted by a Falling Weight (Gardner Impact)
ASTM D5421	(2005; R 2010) Contact Molded "Fiberglass" (Glass-Fiber-Reinforced Thermosetting Resin) Flanges
ASTM D543	(2006) 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	(2008) Mechanical Size Analysis of Extracted Aggregate
ASTM D5456	(2011a) Evaluation of Structural Composite Lumber Products
ASTM D546	(2010) Sieve Analysis of Mineral Filler for Bituminous Paving Mixtures
ASTM D5469	(2000; R 2005) Application of New Spray Applied Polyurethane Foam and Coated Roofing Systems
ASTM D5505	(2006) Classifying Emulsified Recycling Agents
ASTM D5519	(2007) Particle Size Analysis of Natural and Man-Made Riprap Materials
ASTM D5521	(2005) Standard Guide for Development of Ground-Water Monitoring Wells in Granular Aquifers
ASTM D5539	(1994; R 2008) 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 D5596	(2003; R 2009) Microscopic Evaluation of the Dispersion of Carbon Black in Polyolefin Geosynthetics
ASTM D56	(2005; R 2010) 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	(2010) Decontamination of Field Equipment Used at Low Level Radioactive Waste Sites
ASTM D561	(1982; R 2008) Carbon Black Pigment for Paint
ASTM D562	(2010) Consistency of Paints Measuring Krebs Unit (KU) Viscosity Using a Stormer-Type Viscometer
ASTM D5641	(1994; R 2011) Geomembrane Seam Evaluation by Vacuum Chamber
ASTM D566	(2002; R 2009) Dropping Point of Lubricating Grease
ASTM D5663	(1997; R 2011) Validating Recycled Content in Packaging Paper and Paperboard
ASTM D5677	(2005; R 2010) 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; R 2010e1) Standard Test Method for Water Absorption of Plastics
ASTM D572	(2004; R 2010) Rubber Deterioration by Heat and Oxygen
ASTM D5721	(2008) Air-Oven Aging of Polyolefin Geomembranes
ASTM D5727/D5727M	(2000; R 2011) Emulsified Refined Coal Tar (Mineral Colloid Type)
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	(1995; R 2005) Characterization of Coal Fly Ash and Clean Coal Combustion Fly Ash for Potential Uses
ASTM D578	(2005) Glass Fiber Strands
ASTM D579	(2010) Standard Specification for Greige Woven Glass Fabrics
ASTM D579/D579M	(2010) Standard Specification for Greige Woven Glass Fabrics
ASTM D5793	(2005) Binding Sites Per Unit Length or Width of Pile Yarn Floor Coverings
ASTM D5821	(2001; R 2006) Standard Test Method for Determining the Percentage of Fractured Particles in Coarse Aggregate
ASTM D5848	(2010e1) Mass Per Unit Area of Pile Yarn Floor Coverings
ASTM D5851	(1995; R 2011) Planning and Implementing a Water Monitoring Program
ASTM D5852	(2000; R 2007) 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 D5885	(2006) Oxidative Induction Time of Polyolefin Geosynthetics by High-Pressure Differential Scanning Calorimetry
ASTM D5887	(2009) Measurement of Index Flux Through Saturated Geosynthetic Clay Liner Specimens Using a Flexible Wall Permeameter
ASTM D5888	(2006; R 2011) Storage and Handling of Geosynthetic Clay Liners
ASTM D5889	(2011) Quality Control of Geosynthetic Clay Liners
ASTM D5890	(2011) Swell Index of Clay Mineral Component of Geosynthetic Clay Liners
ASTM D5891	(2002; R 2009) Fluid Loss of Clay Component of Geosynthetic Clay Liners
ASTM D5893/D5893M	(2010) Cold Applied, Single Component, Chemically Curing Silicone Joint Sealant for Portland Cement

Concrete Pavements

ASTM D5894	(2010) Cyclic Salt Fog/UV Exposure of Painted Metal, (Alternating Exposures in a Fog/Dry Cabinet and a UV/Condensation Cabinet)
ASTM D5948	(2005e1) Standard Specification for Molding Compounds, Thermosetting
ASTM D596	(2001; R 2011) Reporting Results of Analysis of Water
ASTM D5993	(1999; R 2009) Measuring Mass Per Unit of Geosynthetic Clay Liners
ASTM D5994	(2010) Measuring Core Thickness of Textured Geomembrane
ASTM D6/D6M	(1995e1; R 2011) Loss on Heating of Oil and Asphaltic Compounds
ASTM D6007	(2002; R 2008) Standard Test Method for Determining Formaldehyde Concentration in Air from Wood Products Using a Small Scale Chamber
ASTM D6072/D6072M	(2009) Obtaining Samples of Geosynthetic Clay Liners
ASTM D6081	(1998; R 2009) Aquatic Toxicity Testing of Lubricants: Sample Preparation and Results Interpretation
ASTM D610	(2008) Evaluating Degree of Rusting on Painted Steel Surfaces
ASTM D6108	(2009) Standard Test Method for Compressive Properties of Plastic Lumber and Shapes
ASTM D6109	(2010) Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastic Lumber and Related Products
ASTM D6111	(2009) Standard Test Method for Bulk Density and Specific Gravity of Plastic Lumber and Shapes by Displacement
ASTM D6112	(2010) Compressive and Flexural Creep and Creep-Rupture of Plastic Lumber and Shapes
ASTM D6117	(2010) Standard Test Methods for Mechanical Fasteners in Plastic Lumber and Shapes
ASTM D6155	(2006) Nontraditional Coarse Aggregate for Bituminous Paving Mixtures
ASTM D6162	(2000a; R 2008) Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber

Reinforcements

ASTM D6163	(2000; R 2008) Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Glass Fiber Reinforcements
ASTM D6164/D6164M	(2011) Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Polyester Reinforcements
ASTM D6222/D6222M	(2011) Atactic Polypropylene (ARP) Modified Bituminous Sheet Materials Using Polyester Reinforcements
ASTM D6223/D6223M	(2002; R 2009e1) 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) Painting Inspectors (Concrete and Masonry Substrates)
ASTM D624	(2000; R 2012) Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers
ASTM D6243	(2009) 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 D6270	(2008e1) Use of Scrap Tires in Civil Engineering Applications
ASTM D6298	(2005e1) Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Bituminous Sheet with Factory Applied Metal Surface
ASTM D6304	(2007e1) Standard Test Method for Determination of Water in Petroleum Products, Lubricating Oils, and Additives by Coulometric Karl Fischer Titration
ASTM D6307	(2010) Asphalt Content of Hot Mix Asphalt by Ignition Method
ASTM D633	(2011) Volume Correction Table for Road Tar
ASTM D6330	(1998; R 2008) 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	(2010) 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) 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 D638	(2010) Standard Test Method for Tensile Properties of Plastics
ASTM D6380	(2003; R 2009) Standard Specification for Asphalt Roll Roofing (Organic Felt)
ASTM D6386	(2010) Standard Practice for Preparation of Zinc (Hot-Dip Galvanized) Coated Iron and Steel Product and Hardware Surfaces for Painting
ASTM D6390	(2011) Determination of Draindown Characteristics in Uncompacted Asphalt Mixtures
ASTM D6392	(2008) Determining the Integrity of Nonreinforced Geomembrane Seams Produced Using Thermo-Fusion Methods
ASTM D648	(2007) Deflection Temperature of Plastics Under Flexural Load in the Edgewise Position
ASTM D6496	(2004a; R 2009) Determining Average Bonding Peel Strength Between the Top and Bottom Layers of Needle-Punched Geosynthetic Clay Liners
ASTM D6497	(2002; R 2010) Mechanical Attachment of Geomembrane to Penetrations or Structures
ASTM D6629	(2001; R 2007) 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	(2011a) Standard Test Method for Acid Number of Petroleum Products by Potentiometric Titration
ASTM D665	(2006) Standard Test Method for Rust-Preventing Characteristics of Inhibited Mineral Oil in the Presence of Water

ASTM D6662	(2009) Standard Specification for Polyolefin-Based Plastic Lumber Decking Boards
ASTM D6690	(2007) Standard Specification for Joint and Crack Sealants, Hot Applied, for Concrete and Asphalt Pavements
ASTM D6706	(2001; R 2007) Standard Test Method for Measuring Geosynthetic Pullout Resistance in Soil
ASTM D6725	(2004; R 2010) 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	(2007) Standard Specification for Underlayment Felt Containing Inorganic Fibers Used in Steep-Slope Roofing
ASTM D6765	(2002; R 2008) Standard Practice for Live Staking
ASTM D6768	(2004; R 2009) Tensile Strength of Geosynthetic Clay Liners
ASTM D6836	(2002; R 2008e2) 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	(2003; R 2008) Standard Specification for Natural (Vegetable Oil) Ester Fluids Used in Electrical Apparatus
ASTM D692/D692M	(2009) Coarse Aggregate for Bituminous Paving Mixtures
ASTM D6925	(2009) Standard Test Method for Preparation and Determination of the Relative Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor
ASTM D6926	(2010) Standard Practice for Preparation of Bituminous Specimens Using Marshall Apparatus
ASTM D6927	(2006) Standard Test Method for Marshall Stability and Flow of Bituminous Mixtures
ASTM D6938	(2010) Standard Test Method for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)

ASTM D695	(2010) Standard Test Method for Compressive Properties of Rigid Plastics
ASTM D696	(2008) 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	(2007e1) Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400 ft-lbf/cu. ft. (600 kN-m/cu. m.))
ASTM D70	(2009e1) Specific Gravity and Density of Semi-Solid Bituminous Materials (Pycnometer Method)
ASTM D7005	(2003; R 2008) Standard Test Method for Determining the Bond Strength (Ply Adhesion) of Geocomposites
ASTM D709	(2001; R 2007) Laminated Thermosetting Materials
ASTM D7091	(2012) 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) No-Pick-Up Time of Traffic Paint
ASTM D7116	(2005) Standard Specification for Joint Sealants, Hot Applied, Jet Fuel Resistant Types, for Portland Cement Concrete Pavement
ASTM D7127	(2005) Measurement of Surface Roughness of Abrasive Blast Cleaned Metal Surfaces using a Portable Stylus Instrument
ASTM D714	(2002; R 2009) Evaluating Degree of Blistering of Paints
ASTM D7155	(2006) Standard Practice for Evaluating Compatibility of Mixtures of Turbine Lubricating Oils
ASTM D7258	(2009) Standard Specification for Polymeric Piles
ASTM D737	(2004; R 2008e1e2) Air Permeability of Textile Fabrics
ASTM D740	(2011) Methyl Ethyl Ketone
ASTM D746	(2007) Standard Test Method for Brittleness Temperature of Plastics and Elastomers by Impact
ASTM D75/D75M	(2009) Standard Practice for Sampling Aggregates
ASTM D751	(2006; R 2011) Coated Fabrics

ASTM D774/D774M	(1997; R 2007) Bursting Strength of Paper
ASTM D785	(2008) Rockwell Hardness of Plastics and Electrical Insulating Materials
ASTM D789	(2007e1) Determination of Relative Viscosity and Moisture Content of Polyamide (PA)
ASTM D790	(2010) Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials
ASTM D792	(2008) Density and Specific Gravity (Relative Density) of Plastics by Displacement
ASTM D814	(1995; R 2010) Rubber Property - Vapor Transmission of Volatile Liquids
ASTM D822	(2001; R 2006) Filtered Open-Flame Carbon-Arc Exposures of Paint and Related Coatings
ASTM D823	(1995; R 2007) Producing Films of Uniform Thickness of Paint, Varnish, and Related Products on Test Panels.
ASTM D841	(2011) Nitration Grade Toluene
ASTM D854	(2010) Specific Gravity of Soil Solids by Water Pycnometer
ASTM D877	(2002; R 2007) Standard Test Method for Dielectric Breakdown Voltage of Insulating Liquids Using Disk Electrodes
ASTM D882	(2010) Tensile Properties of Thin Plastic Sheeting
ASTM D883	(2011) Terminology Relating to Plastics
ASTM D888	(2012) Dissolved Oxygen in Water
ASTM D892	(2011a) Standard Test Method for Foaming Characteristics of Lubricating Oils
ASTM D903	(1998; R 2010) Peel or Stripping Strength of Adhesive Bonds
ASTM D905	(2008e1) Strength Properties of Adhesive Bonds in Shear by Compression Loading
ASTM D92	(2012) 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	(2011) Flash-Point by Pensky-Martens Closed Cup Tester
ASTM D943	(2004ae1; R 2010) Standard Test Method for Oxidation Characteristics of Inhibited Mineral Oils
ASTM D946/D946M	(2009a) Penetration-Graded Asphalt Cement for Use in Pavement Construction
ASTM D953	(2010) Standard Test Method for Bearing Strength of Plastics
ASTM D962	(1981; R 2008e1) Aluminum Powder and Paste Pigments for Paints
ASTM D968	(2005; R 2010) Abrasion Resistance of Organic Coatings by Falling Abrasive
ASTM D97	(2011) Pour Point of Petroleum Products
ASTM D974	(2011) Standard Test Method for Acid and Base Number by Color-Indicator Titration
ASTM D975	(2011b) Standard Specification for Diesel Fuel Oils
ASTM D977	(2012) Emulsified Asphalt
ASTM D979/D979M	(2012) Sampling Bituminous Paving Mixtures
ASTM D98	(2005) Calcium Chloride
ASTM D995	(1995b; R 2002) Mixing Plants for Hot-Mixed, Hot-Laid Bituminous Paving Mixtures
ASTM DEFONLINE	(2008) ASTM Online Dictionary of Engineering Science and Technology
ASTM E1	(2007) Standard Specification for ASTM Liquid-in-Glass Thermometers
ASTM E10	(2012) Brinell Hardness of Metallic Materials
ASTM E100	(2010) ASTM Hydrometers
ASTM E1042	(2002; R 2008e1) Acoustically Absorptive Materials Applied by Trowel or Spray
ASTM E1067/E1067M	(2011) Acoustic Emission Examination of Fiberglass Reinforced Plastic Resin (FRP) Tanks/Vessels
ASTM E108	(2011) Fire Tests of Roof Coverings
ASTM E11	(2009e1) Wire Cloth and Sieves for Testing Purposes

ASTM E110	(2010) Indentation Hardness of Metallic Materials by Portable Hardness Testers
ASTM E1105	(2000; R 2008) Standard Test Method for Field Determination of Water Penetration of Installed Exterior Windows, Skylights, Doors, and Curtain Walls, by Uniform or Cyclic Static Air Pressure Difference
ASTM E1146	(2008) Standard Specification for Muriatic Acid (Technical Grade Hydrochloric Acid)
ASTM E1155	(1996; R 2008) Standard Test Method for Determining Floor Flatness and Floor Levelness Numbers
ASTM E1155M	(1996; R 2008) Standard Test Method for Determining Floor Flatness and Floor Levelness Numbers (Metric)
ASTM E1186	(2003; R 2009) Standard Practices for Air Leakage Site Detection in Building Envelopes and Air Barrier Systems
ASTM E119	(2012) Standard Test Methods for Fire Tests of Building Construction and Materials
ASTM E122	(2009e1) Calculating Sample Size to Estimate, With a Specified Tolerable Error, the Average for Characteristic of a Lot or Process
ASTM E125	(1963; R 2008) Photographs for Magnetic Particle Indications on Ferrous Castings
ASTM E126	(2005a) Inspection and Verification of Hydrometers
ASTM E1264	(2008e1) Acoustical Ceiling Products
ASTM E1289	(2008) Standard Specification for Reference Specimen for Sound Transmission Loss
ASTM E1300	(2009a) Determining Load Resistance of Glass in Buildings
ASTM E1333	(2010) 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 E136	(2011) Behavior of Materials in a Vertical Tube Furnace at 750 Degrees C
ASTM E1368	(2011) Visual Inspection of Asbestos Abatement Projects
ASTM E1399	(1997; R 2009) Cyclic Movement and Measuring the Minimum and Maximum Joint Widths of Architectural

Joint Systems

ASTM E1414/E1414M	(2011a) Airborne Sound Attenuation Between Rooms Sharing a Common Ceiling Plenum
ASTM E1424	(1991; R 2008) 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 2008) Luminous Reflectance Factor of Acoustical Materials by Use of Integrating-Sphere Reflectometers
ASTM E1494	(1992; R 2010) Encapsulants for Spray- or Trowel-Applied Friable Asbestos-Containing Building Materials
ASTM E152	(1981a ¹) Fire Tests of Door Assemblies
ASTM E154	(2008a) Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover
ASTM E1592	(2005) Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference
ASTM E1613	(2004) 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	(2012a) Surface Flammability of Materials Using a Radiant Heat Energy Source
ASTM E164	(2008) Ultrasonic Contact Examination of Weldments
ASTM E1644	(2004 ¹ ; R 2012) 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	(2009) Standard Test Method for Liquid Penetrant Examination
ASTM E168	(2006) General Techniques of Infrared Quantitative Analysis
ASTM E169	(2004; R 2009) General Techniques of Ultraviolet-Visible Quantitative Analysis
ASTM E1726	(2001; R 2009) Preparation of Soil Samples by Hotplate Digestion for Subsequent Lead Analysis

ASTM E1727	(2005) Field Collection of Soil Samples for Lead Determination by Atomic Spectrometry Techniques
ASTM E1728	(2010) Collection of Settled Dust Samples Using Wipe Sampling Methods for Subsequent Lead Determination
ASTM E1745	(2011) Standard Specification for Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs
ASTM E1792	(2003; R 2011) Wipe Sampling Materials for Lead in Surface Dust
ASTM E1827	(2011) Standard Test Methods for Determining Airtightness of Buildings Using an Orifice Blower Door
ASTM E1886	(2005) 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 E1912	(1998; R 2004) Accelerated Site Characterization for Confirmed or Suspected Petroleum Releases
ASTM E1966	(2007; R 2011) Fire-Resistive Joint Systems
ASTM E1971	(2005; R 2011) Stewardship for the Cleaning of Commercial and Institutional Buildings
ASTM E1991	(2005) Environmental Life Cycle Assessment of Building Materials/Products
ASTM E2016	(2011) Standard Specification for Industrial Woven Wire Cloth
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	(2000; R 2006) 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) Standard Practice for Installation of Exterior Windows, Doors and Skylights
ASTM E2114	(2008) Standard Terminology for Sustainability Relative to the Performance of Buildings

ASTM E2129	(2010) Standard Practice for Data Collection for Sustainability Assessment of Building Products
ASTM E2140	(2001; R 2009) Standard Test Method for Water Penetration of Metal Roof Panel Systems by Static Water Pressure Head
ASTM E2174	(2010ae1) Standard Practice for On-Site Inspection of Installed Fire Stops
ASTM E2226	(2012) Standard Practice for Application of Hose Stream
ASTM E2231	(2009) Specimen Preparation and Mounting of Pipe and Duct Insulation Materials to Assess Surface Burning Characteristics
ASTM E228	(2011) Standard Test Method for Linear Thermal Expansion of Solid Materials with a Push-Rod Dilatometer
ASTM E2307	(2010) Standard Test Method for Determining Fire Resistance of Perimeter Fire Barrier Systems Using Intermediate-Scale, Multi-story Test Apparatus
ASTM E2336	(2004; R 2009) Standard Test Methods for Fire Resistive Grease Duct Enclosure Systems
ASTM E2393	(2010a) Standard Practice for On-Site Inspection of Installed Fire Resistive Joint Systems and Perimeter Fire Barriers
ASTM E2634	(2011) Standard Specification for Flat Wall Insulating Concrete Form (ICF) Systems
ASTM E2659	(2009) Standard Practice for Certificate Programs
ASTM E28	(1999; R 2009) Softening Point of Resins Derived from Naval Stores by Ring and Ball Apparatus
ASTM E283	(2004) Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen
ASTM E290	(2009) Bend Testing of Material for Ductility
ASTM E308	(2008) Computing the Colors of Objects by Using the CIE System
ASTM E329	(2011c) Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction
ASTM E330	(2002; R 2010) Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference

ASTM E331	(2000; R 2009) Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference
ASTM E336	(2011) Measurement of Airborne Sound Insulation in Buildings
ASTM E337	(2002; R 2007) Measuring Humidity with a Psychrometer (The Measurement of Wet- and Dry-Bulb Temperatures)
ASTM E34	(2011) Chemical Analysis of Aluminum and Aluminum-Base Alloys
ASTM E376	(2011) Measuring Coating Thickness by Magnetic-Field or Eddy-Current (Electromagnetic) Test Methods
ASTM E381	(2001; R 2006) Macroetch Testing Steel Bars, Billets, Blooms, and Forgings
ASTM E390	(2011) Radiographs Steel Fusion Welds
ASTM E413	(2010) Rating Sound Insulation
ASTM E438	(1992; R 2011) Glasses in Laboratory Apparatus
ASTM E446	(2010) Radiographs for Steel Castings Up to 2 In. (51mm) in Thickness
ASTM E488	(1996; R 2003) Standard Test Methods for Strength of Anchors in Concrete and Masonry Elements
ASTM E488/E488M	(2010) Standard Test Methods for Strength of Anchors in Concrete and Masonry Elements
ASTM E514/E514M	(2009) Standard Test Method for Water Penetration and Leakage Through Masonry
ASTM E515	(2011) Leaks Using Bubble Emission Techniques
ASTM E543	(2009) Standard Practice for Agencies Performing Non-Destructive Testing
ASTM E546	(2008) Frost Point of Sealed Insulating Glass Units
ASTM E557	(2000; R 2006e1) Installation of Operable Partitions
ASTM E576	(2008) Frost Point of Sealed Insulating Glass Units in the Vertical Position
ASTM E580/E580M	(2011b) Application of Ceiling Suspension Systems for Acoustical Tile and Lay-In Panels in Areas Requiring Moderate Seismic Restraint
ASTM E596	(1996; R 2009) 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 E648	(2010e1) Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source
ASTM E661	(2003; R 2009) Standard Test Method for Performance of Wood and Wood-Based Floor and Roof Sheathing Under Concentrated Static and Impact Loads
ASTM E662	(2009) Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials
ASTM E695	(2003; R 2009) Measuring Relative Resistance of Wall, Floor, and Roof Construction to Impact Loading
ASTM E709	(2008) Standard Guide for Magnetic Particle Examination
ASTM E72	(2005) 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	(1992; R 2011) Effect of Deflection on Sprayed Fire-Resistive Material Applied to Structural Members
ASTM E760	(1992; R 2011) 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 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	(2005) Mounting Test Specimens During Sound Absorption Tests
ASTM E814	(2011a) Standard Test Method for Fire Tests of Through-Penetration Fire Stops
ASTM E831	(2012) Linear Thermal Expansion of Solid Materials

by Thermomechanical Analysis

ASTM E84	(2012) Standard Test Method for Surface Burning Characteristics of Building Materials
ASTM E859	(1993; R 2011) 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	(1993; R 2011) Corrosion of Steel by Sprayed Fire-Resistive Material (SFRM) Applied to Structural Members
ASTM E94	(2004; R 2010) Radiographic Examination
ASTM E953/E953M	(2008) Fusibility of Refuse-Derived Fuel (RDF) Ash
ASTM E96/E96M	(2010) Standard Test Methods for Water Vapor Transmission of Materials
ASTM F1007	(1986; R 2007) Pipeline Expansion Joints of the Packed Slip Type for Marine Application
ASTM F1015	(2003; R 2009) 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	(2011a) Strength and Protective Coatings on Metal Industrial Chain-Link Fence Framework
ASTM F1055	(2011) Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene 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	(2004e1; R 2010) Standard Specification for Vinyl Composition Floor Tile
ASTM F1077	(2005) Selection of Committee F-16 Fastener Specifications
ASTM F1083	(2010) Standard Specification for Pipe, Steel, Hot-Dipped Zinc Coated (Galvanized) Welded, for Fence Structures

ASTM F1097	(1991; R 2006) Mortar, Refractory (High-Temperature, Air-Setting)
ASTM F1105	(2009) Preparing Aircraft Cleaning Compounds, Liquid-Type, Temperature-Sensitive, or Solvent-Based, for Storage Stability Testing
ASTM F1120	(1987; R 2010) Standard Specification for Circular Metallic Bellows Type Expansion Joints for Piping Applications
ASTM F1139	(1988; R 2010) Steam Traps and Drains
ASTM F1172	(1988; R 2010) Standard Specification for Fuel Oil Meters of the Volumetric Positive Displacement Type
ASTM F1182	(2007) Anodes, Sacrificial Zinc Alloy
ASTM F1184	(2005; R 2010) Industrial and Commercial Horizontal Slide Gates
ASTM F1199	(1988; R 2010) Cast (All Temperatures and Pressures) and Welded Pipe Line Strainers (150 psig and 150 degrees F Maximum)
ASTM F1200	(1988; R 2010) Fabricated (Welded) Pipe Line Strainers (Above 150 psig and 150 degrees F)
ASTM F1216	(2009) Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube
ASTM F1233	(2008) Security Glazing Materials and Systems
ASTM F1267	(2012) Metal, Expanded, Steel
ASTM F1290	(1998a; R 2011) Electrofusion Joining Polyolefin Pipe and Fittings
ASTM F1292	(2009) Impact Attenuation of Surface Systems Under and Around Playground Equipment
ASTM F1303	(2004; R 2009) Sheet Vinyl Floor Covering with Backing
ASTM F1344	(2010) Rubber Floor Tile
ASTM F1412	(2009) 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 2009) Standard Test Method for Flexibility of Non-Metallic Gasket Material

ASTM F1476	(2007) Standard Specification for Performance of Gasketed Mechanical Couplings for Use in Piping Applications
ASTM F148	(2002; R 2007) Binder Durability of Cork Composition Gasket Materials
ASTM F1482	(2004; R 2009e1) Installation and Preparation of Panel Type Underlayments to Receive Resilient Flooring
ASTM F1483	(2005) Oriented Poly(Vinyl Chloride), PVCO, Pressure Pipe
ASTM F1487	(2011) Playground Equipment for Public Use
ASTM F150	(2006) Electrical Resistance of Conductive and Static Dissipative Resilient Flooring
ASTM F1508	(1996; R 2010) Angle Style, Pressure Relief Valves for Steam, Gas, and Liquid Services
ASTM F152	(1995; R 2009) Tension Testing of Nonmetallic Gasket Materials
ASTM F1545	(1997; R 2009) Standard Specification for Plastic-Lined Ferrous Metal Pipe, Fittings and Flanges
ASTM F1554	(2007ae1) Standard Specification for Anchor Bolts, Steel, 36, 55, and 105-ksi Yield Strength
ASTM F1642	(2004; R 2010) Standard Test Method for Glazing and Glazing Systems Subject to Airblast Loadings
ASTM F1667	(2011ae1) Driven Fasteners: Nails, Spikes, and Staples
ASTM F1679	(2004e1) Standard Test Method for Using a Variable Incidence Tribometer
ASTM F1700	(2004; R 2010) Solid Vinyl Floor Tile
ASTM F1743	(2008) Standard Practice for Rehabilitation of Existing Pipeline and Conduits by Pulled-In-Place Installation of Cured-In-Place Thermosetting Resin Pipe (CIPP)
ASTM F1760	(2001; R 2011) Coextruded Poly(Vinyl Chloride) (PVC) Non-Pressure Plastic Pipe Having Reprocessed-Recycled Content
ASTM F1803	(2006) Standard Specification for Poly (Vinyl Chloride) (PVC) Closed Profile Gravity Pipe and Fittings Based on Controlled Inside Diameter
ASTM F1852	(2008) Standard Specification for "Twist Off" Type

	Tension Control Structural Bolt/Nut/Washer Assemblies, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength
ASTM F1859	(2010) Rubber Sheet Floor Covering Without Backing
ASTM F1860	(2010) Rubber Sheet Floor Covering With Backing
ASTM F1861	(2008) Resilient Wall Base
ASTM F1869	(2011) Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride
ASTM F1913	(2004; R 2010) Vinyl Sheet Floor Covering Without Backing
ASTM F1941	(2010) Standard Specification for Electrodeposited Coatings on Threaded Fasteners (Unified Inch Screw Threads (UN/UNR))
ASTM F1941M	(2007) Standard Specification for Electrodeposited Coatings on Threaded Fasteners (Metric)
ASTM F2015	(2000; R 2006) Standard Specification for Lap Joint Flange Pipe End Applications
ASTM F2034	(2008) Sheet Linoleum Floor Covering
ASTM F2155	(2001; R 2009) Standard Specification for Performance of Hasps and Other Attachment Devices for Padlocks of Seals
ASTM F2169	(2002; R 2008) Resilient Stair Treads
ASTM F2170	(2011) Determining Relative Humidity in Concrete Floor Slabs in situ Probes
ASTM F2192	(2005; R 2011) Standard Test Method for Determining and Reporting the Berthing Energy and Reaction of Marine Feeders
ASTM F2195	(2007) Linoleum Floor Tile
ASTM F2248	(2009) Standard Practice for Specifying an Equivalent 3-Second Duration Design Loading for Blast Resistant Glazing Fabricated with Laminated Glass
ASTM F2329	(2011) Zinc Coating, Hot-Dip, Requirements for Application to Carbon and Alloy Steel Bolts, Screws, Washers, Nuts, and Special Threaded Fasteners
ASTM F2387	(2004) Standard Specification for Manufactured Safety Vacuum Release Systems (SVRS) for Swimming Pools, Spas, and Hot Tubs

ASTM F2389	(2010) Standard Specification for Pressure-rated Polypropylene (PP) Piping Systems
ASTM F2618	(2009) Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Fittings for Chemical Waste Drainage Systems
ASTM F2656	(2007) Standard Test Method for Vehicle Crash Testing of Perimeter Barriers
ASTM F2736	(2010) Standard Specification for 6 to 30 in. (152 To 762 mm) Polypropylene (PP) Corrugated Single Wall Pipe And Double Wall Pipe
ASTM F2764	(2011a) Standard Specification for 30 to 60 in. [750 to 1500 mm] Polypropylene (PP) Triple Wall Pipe and Fittings for Non-Pressure Sanitary Sewer Applications
ASTM F312	(2008) Standard Test Methods for Microscopical Sizing and Counting Particles from Aerospace Fluids on Membrane Filters
ASTM F331	(2005) Standard Test Method for Nonvolatile Residue of Solvent Extract from Aerospace Components (Using Flash Evaporator)
ASTM F336	(2002; R 2009) Design and Construction of Nonmetallic Enveloped Gaskets for Corrosive Service
ASTM F36	(1999; R 2009) 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 F405	(2005) Corrugated Polyethylene (PE) Tubing and Fittings
ASTM F409	(2002; R 2008) Thermoplastic Accessible and Replaceable Plastic Tube and Tubular Fittings
ASTM F428	(2009) Intensity of Scratches on Aerospace Glass Enclosures
ASTM F436	(2011) Hardened Steel Washers
ASTM F436M	(2011) Hardened Steel Washers (Metric)
ASTM F437	(2009) Standard Specification for Threaded Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80
ASTM F438	(2009) Standard Specification for Socket-Type Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40

ASTM F439	(2011) Standard Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80
ASTM F441/F441M	(2009) Standard Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80
ASTM F442/F442M	(2009) 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	(2008e1) Standard Specification for Nonferrous Nuts for General Use
ASTM F468	(2010) Nonferrous Bolts, Hex Cap Screws, and Studs for General Use
ASTM F477	(2010) Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe
ASTM F480	(2012) Thermoplastic Well Casing Pipe and Couplings Made in Standard Dimension Ratios (SDR), SCH 40 and SCH 80
ASTM F493	(2010) Solvent Cements for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings
ASTM F512	(2006) Smooth-Wall Poly (Vinyl Chloride) (PVC) Conduit and Fittings for Underground Installation
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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-F-24385	(1992; Rev F; Am 1 1994) Fire Extinguishing Agent, Aqueous Film Forming Foam (AFFF) Liquid Concentrate, for Fresh and Seawater
MIL-F-29177	(1985; Rev A; CANC Notice 1) Filter, Air-Extended Area, Initial Installation
MIL-H-15021	(1950; Rev A; Am 2 1959) Hook, Snap Bolt, Swivel-Eye, and Rings
MIL-HDBK 232	(1987; Rev A; Notice 1 1988; Notice 2 2000) Red/Black Engineering - Installation Guidelines
MIL-HDBK-17-3	(2002; Rev F) Composite Materials Handbook, Vol. 3, Polymer Matrix Composites Material Usage, Design, and Analysis
MIL-HDBK-419	(1987; Rev A) Grounding, Bonding, and Shielding for Electronic Equipments and Facilities Volumes 1 of 2 Basic Theory
MIL-HDBK-831	(1999; Basic; Notice 1 2004) 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) 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) Panel, Airport Lighting Control, General Specification for
MIL-PRF-13789	(1999; Rev E; Notice 1 2008) Strainers, Sediment: Pipeline, Basket Type
MIL-PRF-15733	(2010; Rev J, Supp 1 2010) Filters and Capacitors, Radio Frequency Interference, General Specification for
MIL-PRF-17331	(2007; Rev J; Am 1 2007) Lubricating Oil, Steam Turbine and Gear, Moderate Service
MIL-PRF-22750	(2011; Rev G) Coating, Epoxy, High Solids
MIL-PRF-23236	(2009; Rev D) Coating Systems for Ship Structures
MIL-PRF-23377	(2007; Rev J; Am 2 2007) Primer Coatings: Epoxy, High Solids
MIL-PRF-24021	(1998; Rev K) Electric Power Monitors, External Aircraft
MIL-PRF-24635	(2009; Rev E) Coating Systems, Weather Resistant, Exterior Use
MIL-PRF-25567	(1998; Rev E; Notice 1 2005; Notice 2 2010) Leak Detection Compound, Oxygen Systems (Metric)

MIL-PRF-32016	(2002; Rev A) Cell, Gas Phase, Adsorber
MIL-PRF-370	(2002; Rev J) Hose And Hose Assemblies, Nonmetallic: Elastomeric, Liquid Fuel
MIL-PRF-4556	(1998; Rev F; Am 1 1999; 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) Nozzle, Adapter, Closed-Circuit to Gravity Fill, Standard and Arctic Service
MIL-PRF-680	(2010; Rev C) Degreasing Solvent
MIL-PRF-85285	(2012; Rev E) Coating: Polyurethane Aircraft and Support Equipment
MIL-PRF-907	(2004; Rev F) Antiseize Thread Compound, High Temperature
MIL-R-24243	(1994; Rev C, Supp 1 1994; Am 1 1994) Rivets, Blind, Nonstructural, Retained Mandrel, General specification for
MIL-R-43900	(1985; Rev B; Notice 1; CANC Notice 2) Refrigerators, Freezers, Prefabricated, Mechanical, Commercial, Walk-In
MIL-S-45180	(1984; Rev D; Notice 1 1991; Notice 2 1998) Sealing Compound, Gasket, Hydrocarbon Fluid and Water Resistant
MIL-STD-101	(1970; Rev B) Color Code for Pipelines & 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	(2007; Rev P; Change 4 2007) Military Marking for Shipment and Storage
MIL-STD-130	(2007; Rev N) 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) 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-202	(2002; Rev G; Notice 1 2003) Electronic and Electrical Component Parts
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) Method of Insertion Loss Measurement
MIL-STD-282	(2012a - Controlled Distribution Document) Filter Units, Protective Clothing, Gas-Mask Components and Related Products: Performance-Test Methods
MIL-STD-461	(2007; Rev F) Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment
MIL-STD-704	(2004; Rev F; Notice 1 2008) Aircraft Electric Power Characteristics
MIL-STD-810	(2008; Rev G) Environmental Engineering Considerations and Laboratory Tests
MIL-STD-889	(1976; Rev B; Notice 2 1988; Notice 3 1993) 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 1 1993; Notice 3 1999) 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)
MIL-V-18436	(1987; Rev F) Valves, Check, Bronze, Cast Iron, and Steel Body
MS 17814	(1972; Rev C; Am 1 2002; Notice 1 2006; Notice 2 2012) Coupling, Frangible, Aviation Ground Lights
UFC 1-200-01	(2010; Change 1) General Building Requirements
UFC 1-300-08	(2009, with Change 2) Criteria for Transfer and Acceptance of DoD Real Property
UFC 3-230-08A	(2004) Water Supply: Water Treatment
UFC 3-301-01	(2010; Change 3) Structural Engineering
UFC 3-310-04	(2007; Change 1) Seismic Design for Buildings
UFC 3-460-03	(2003) O&M: Maintenance of Petroleum Systems
UFC 3-601-02	(2010) Operations and Maintenance: Inspection, Testing, and Maintenance of Fire Protection Systems
UFC 4-010-01	(2012) DoD Minimum Antiterrorism Standards for Buildings
UFC 4-021-01	(2008; Change 1 2010) Design and O&M: Mass Notification Systems

U.S. DEPARTMENT OF ENERGY (DOE)

DOE CE-2	(2000) How to Buy an Energy-Efficient Water-Cooled Electric Chiller
DOE CE-3	(2001) How to Buy an Energy-Efficient Commercial Unitary Air Conditioner
DOE CE-6	(2000) How to Buy an Energy-Efficient Air-Cooled Electric Chiller
DOE CI-1	(2001) How to Buy a Premium Energy-Efficient Electric Motor
DOE HDBK-1169	(2003) Nuclear Air Cleaning Handbook

DOE LT-4	(2000) How to Buy Energy-Efficient Exit Signs
DOE RA-1	(2000) How to Buy an Energy-Efficient Room Air Conditioner
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)	
7 USC Section 136	Federal Insecticide, Fungicide, and Rodenticide Act
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 94-008	(1999) USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review
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 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	(1996) Guidance for Data Quality Assessment: Practical Methods for Data Analysis EPA QA/G-9, QA96 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 625/6-89/019	(1989) Handbook: Guidance on Setting Permit Conditions and Reporting Trial Burn Results: Volume II of the Hazardous Waste Incineration Guidance Series
EPA 625/6-89/021	(1989) Handbook Hazardous Waste Incineration Measurement Guidance Manual: Volume III of the Hazardous Waste Incineration Guidance Series
EPA 625/6-89/023	(1990) Handbook: Quality Assurance/Quality Control

	(QA/QC) Procedures For Hazardous Waste Incineration
EPA 712-C-98-075	(1996) 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 832-R-92-005	(1992) Storm Water Management for Construction Activities Developing Pollution Preventions and Plans and Best Management Practices
EPA 833-R-060-04	(2000) Developing Your Storm Water Pollution Prevention Plan, a Guide for Construction Sites
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 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
Energy Star	(1992; R 2006) Energy Star Energy Efficiency Labeling System
NPDES	(1972; R 2005) National Pollutant Discharge Elimination System
PL 93-523	(1974; A 1999) Safe Drinking Water Act

U.S. FEDERAL AVIATION ADMINISTRATION (FAA)

FAA 6850.19	(1978) Frangible Coupling
FAA AC 150/5300-13	(2009; Basic; Change 15) 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	(2010; Rev E) Design and Installation Details for Airport Visual Aids
FAA AC 150/5345-10	(2005; Rev F) 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	(2004; Rev D) 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	(2006; Rev F) Specification for Airport Light Bases, Transformer Housings, Junction Boxes and Accessories
FAA AC 150/5345-43	(2006; Rev F) 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	(2009; Rev D) 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	(2001; Rev E) Specification for L-824 Underground Electrical Cable for Airport Lighting Circuits
FAA AC 150/5370-10	(2009; Rev E) Standards for Specifying Construction of Airports
FAA AC 70/7460-1	(2007; Rev K) 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 IF-99-025	(2000) Drilled Shafts: Construction Procedures and Design Methods (with Errata Sheet)
FHWA IP-84-11	(1984) Handbook on Design and Construction of Drilled Shafts Under Lateral Load
FHWA NHI-00-043	(2004) Mechanically Stabilized Earth Walls and Reinforced Soil Slopes Design and Construction Guidelines (ISDDC)
FHWA RD-89-199	(1989) Hydraulic Stability of Articulated Concrete Block Revetment Systems During Overtopping Flow
FHWA SA-96-071	(2001) Mechanically Stabilized Earth Walls and Reinforced Soil Slopes: Design and Construction Guidelines
MUTCD	(2009) Manual of 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 2) Shield, Expansion (Caulking Anchors, Single Lead)

CID A-A-1923	(Rev A; Notice 2) 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 2) Shield Expansion (Nail Anchors)
CID A-A-1928	(Rev C; Notice 1) 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-2886	(Rev B) Paint, Traffic, Solvent Based
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-344	(Rev B; Notice 1) Lacquer (Clear Gloss)
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-50541	(Basic; Notice 2) Valves, Tank Float, Angle and Globe Pattern (Inch-Pound
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	(Rev A; Notice 1) 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 (Basic) 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) 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 2) Shield, Expansion (Wood Screw and Lag Bolt Self-Threading Anchors)

CID A-A-55619 (Rev C) Casters, Industrial, Heavy Duty

CID A-A-58092 (Basic; Notice 1) Tape, Antiseize, Polytetrafluoroethylene

CID A-A-59213 (Rev A) Splice Connectors

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) Filters, Fluid, Pressure, Feedwater

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	(Basic) 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; Am 1) Paint, Varnish, Lacquer and Related Materials: Methods of Inspection, Sampling and Testing
FED-STD-209	(Rev E) Airborne Particulate Cleanliness Classes in Cleanrooms and Clean Zones
FED-STD-228	(2000; Notices 1-5) Cable and Wire, Insulated; Methods of Testing
FED-STD-313	(Rev D; Notice 1) 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-2909	(Basic) Burners, Single Light Oil, Gas, and Light Oil-Gas Combination for Packaged Heating Boilers (up to 320,000 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 HH-I-558	(Rev C; Notice 1) Insulation, Blocks, Boards, Blankets, Felts, Sleeving (Pipe and Tube Covering), and Pipe Fitting Covering, Thermal (Mineral Fiber, Industrial Type)
FS L-C-530	(Rev C; Notice 1) Coating, Pipe, Thermoplastic Resin
FS L-S-125	(Rev B; Notice 1) Screening, Insect, Nonmetallic
FS MM-L-736	(Rev D) Lumber; Hardwood
FS MM-L-751	(Rev H) Lumber; Softwood
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 OO-A-373	(Rev D; Notice 1) Air Conditioners, Single Package Type
FS OO-A-374	(Rev C; Notice 1) Air Conditioners with Remote Condensing Units or Remote Air-Cooled, and Water-Cooled Condenser Units, Unitary
FS QQ-B-654	(Rev A; Notice 1; AM 1) Brazing Alloys, Silver
FS RR-C-271	(Rev F) Chains and Attachments, Welded and Weldless
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-S-331	(Rev D) Shoes: For Wood Piles
FS RR-W-410	(Rev G) 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-L-30	(Rev D; Int Am 3; Notice 1) Lath and Board Products, Gypsum
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-1614	(Rev A; Am 1; Notices 1, 2) Sealants, Joint, Jet-Fuel-Resistant, Hot-Applied, for Portland Cement and Tar 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 SS-S-210	(Rev A, Notice 3) Sealing Compound, Preformed Plastic, for Expansion Joints and Pipe Joints
FS TT-B-1325	(Rev D; Notice 1) Beads (Glass Spheres) Retro-Reflective (Metric)
FS TT-C-490	(Rev E) Cleaning Methods for Ferrous Surfaces and Pretreatments for Organic Coatings
FS TT-C-520	(Rev B; Notice 1) Coating Compound, Bituminous, Solvent Type, Underbody (for Motor Vehicles)
FS TT-E-1593	(Rev B) Enamel, Silicone Alkyd Copolymer, Gloss (For Exterior and Interior Use)
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-E-751	(Rev C) Ethyl Acetate
FS TT-F-336	(Rev E; Notice 1) Filler, Wood, Paste
FS TT-P-115	(Rev F; Notice 1) Paint, Traffic (Highway, White and Yellow)
FS TT-P-1952	(Rev E) 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 B; Am 1) 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 TT-V-121	(Rev H; Notice 1) Varnish, Spar, Water-Resisting
FS UU-B-790	(Rev A; Am 1; Notice 1) Building Paper, Vegetable Fiber: (Kraft, Waterproofed, Water Repellent and Fire Resistant)
FS W-C-375	(Rev D) 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) Strainers, Sediment: Pipeline, Water, Air, Gas, Oil, or Steam
FS XX-C-2816	(Basic; Notice 1) 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)

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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
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)
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 and Combustible 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 1910.134	Respiratory Protection
29 CFR 1910.141	Sanitation
29 CFR 1910.144	Safety Color Code for Marking Physical Hazards
29 CFR 1910.145	Accident Prevention Signs and Tags
29 CFR 1910.146	Permit-required Confined Spaces
29 CFR 1910.147	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	Guarding Floor and Wall Openings and Holes
29 CFR 1910.24	Fixed Industrial Stairs
29 CFR 1910.27	Fixed Ladders
29 CFR 1910.28	Safety Standards for Scaffolding
29 CFR 1910.306	Specific Purpose Equipment and Installations
29 CFR 1910.94	Ventilation
29 CFR 1915	Confined and Enclosed Spaces and Other Dangerous Atmospheres in Shipyard Employment
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 & 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 1926.59	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
33 CFR 328	Definitions of Waters of the United States
36 CFR 1191	Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities

40 CFR	Protection of Environment
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 150 - 189	Pesticide Programs
40 CFR 152 - 186	Pesticide Programs
40 CFR 171	Certification of Pesticide Applicators
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 262	Standards Applicable to Generators of Hazardous Waste
40 CFR 262.22	Number of Copies
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 271	Requirements for Authorization of State Hazardous Waste Programs
40 CFR 272	Approved State Hazardous Waste Management Programs
40 CFR 273	Standards For Universal Waste Management
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 302	Designation, Reportable Quantities, and Notification
40 CFR 355	Emergency Planning and Notification
40 CFR 372-SUBPART D	Specific Toxic Chemical Listings
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 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 68	Chemical Accident Prevention Provisions
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 171 - 178	Hazardous Materials Regulations
49 CFR 172	Hazardous Materials Table, Special Provisions, Hazardous Materials Communications, Emergency Response Information, and Training Requirements
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

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UL 1 (2005; Reprint Jul 2007) Standard for Flexible Metal Conduit

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Rotating Electrical Machines

- UL 1008 (2011) Transfer Switch Equipment
- UL 1010 (2006) Receptacle-Plug Combinations for Use in Hazardous (Classified) Locations
- UL 1012 (2010; Reprint Jan 2012) Power Units Other than Class 2
- UL 1025 (1980; R 1990, Bul. 1991) Electric Air Heaters
- UL 1029 (1994; Reprint May 2011) High-Intensity-Discharge Lamp Ballasts
- UL 1034 (2011) Burglary-Resistant Electric Locking Mechanisms
- UL 1037 (1999; Reprint Dec 2009) Safety Antitheft Alarms and Devices
- UL 1042 (2009; Reprint Jun 2010) Electric Baseboard Heating Equipment
- UL 1059 (2001; Reprint Oct 2010) Standard for Terminal Blocks
- UL 1063 (2006; Reprint Mar 2012) Machine-Tool Wires and Cables
- UL 1066 (2012) Low-Voltage AC and DC Power Circuit Breakers Used in Enclosures
- UL 1067 (2011) Electrically Conductive Equipment and Materials for Use in Flammable Anesthetizing Locations
- UL 1069 (2007; Reprint Apr 2012) Hospital Signaling and Nurse Call Equipment
- UL 1072 (2006; Reprint Aug 2011) Medium-Voltage Power Cables
- UL 1076 (1995; Reprint Sep 2010) Proprietary Burglar Alarm Units and Systems
- UL 1086 (2005; Reprint Jun 2010) Standard for Household Trash Compactors
- UL 109 (1997; Reprint May 2009) Tube Fittings for Flammable and Combustible Fluids, Refrigeration Service, and Marine Use
- UL 10A (2009) Standard for Tin-Clad Fire Doors
- UL 10B (2008; Reprint Apr 2009) Fire Tests of Door Assemblies

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UL 1203	(2006) UL Standard for Safety Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
UL 1236	(2006; Reprint Jul 2011) Standard for Battery Chargers for Charging Engine-Starter Batteries
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UL 1247	(2007; Reprint Jun 2011) Diesel Engines for Driving Stationary Fire Pumps
UL 125	(2009; Reprint Nov 2011) Safety Flow Control Valves for Anhydrous Ammonia and LP-Gas
UL 1256	(2002; Reprint Jan 2007) Fire Test of Roof Deck Constructions
UL 1283	(2005; Reprint Feb 2009) Electromagnetic Interference Filters
UL 1286	(2008; Reprint Sep 2011) Office Furnishings
UL 1310	(2011; Reprint Jan 2012) 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
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UL 142	(2006; Reprint Feb 2010) Steel Aboveground Tanks for Flammable and Combustible Liquids
UL 1437	(2006) Electrical Analog Instruments - Panel Board Types
UL 1449	(2006; Reprint Feb 2011) Surge Protective Devices
UL 1479	(2003; Reprint Mar 2010) Fire Tests of Through-Penetration Firestops
UL 1480	(2003; Reprint Jun 2010) Standard for Speakers for Fire Alarm, Emergency, and Commercial and Professional Use
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UL 14B	(2008) Sliding Hardware for Standard, Horizontally Mounted Tin-Clad Fire Doors

UL 14C	(2006; Reprint Dec 2008) Swinging Hardware for Standard Tin-Clad Fire Doors Mounted Singly and in Pairs
UL 154	(2005; Reprint Nov 2010) Carbon-Dioxide Fire Extinguishers
UL 155	(2000; Reprint Mar 2009) Standard Tests for Fire Resistance of Vault and File Room Doors
UL 1558	(1999; Reprint Apr 2010) Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear
UL 1561	(2011) Dry-Type General Purpose and Power Transformers
UL 1569	(1999; Reprint Oct 2011) Standard for Metal-Clad Cables
UL 1581	(2001; Reprint Apr 2011) Electrical Wires, Cables, and Flexible Cords
UL 1598	(2008; Reprint Jan 2010) Luminaires
UL 1610	(1998; Reprint Sep 2010) Standard for Central-Station Burglar-Alarm Units
UL 1635	(1996; Reprint Jan 2010) Digital Alarm Communicator System Units
UL 1638	(2001; Reprint Oct 2008) Visual Signaling Appliances - Private Mode Emergency and General Utility Signaling
UL 1660	(2004; Reprint Apr 2008) Liquid-Tight Flexible Nonmetallic Conduit
UL 1666	(2007; Reprint May 2011) Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
UL 1684	(2000; Reprint Aug 2009) Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
UL 1686	(2007; Reprint Oct 2010) Standard for Pin and Sleeve Configurations
UL 1699	(2006; Reprint Feb 2011) Arc-Fault Circuit-Interrupters
UL 1738	(2010; Reprint May 2011) Venting Systems for Gas-Burning Appliances, Categories II, III and IV
UL 174	(2004; Reprint Jul 2011) Household Electric Storage Tank Water Heaters
UL 1746	(2007) External Corrosion Protection Systems for

Steel Underground Storage Tanks

- UL 1778 (2005; Reprint Oct 2011) Uninterruptible Power Systems
- UL 181 (2005; Reprint Oct 2008) Factory-Made Air Ducts and Air Connectors
- UL 181A (2005; Reprint Feb 2008) Standard for Closure Systems for Use with Rigid Air Ducts and Air Connectors
- UL 181B (2005; Reprint Feb 2008) Standard for Closure Systems for Use with Flexible Air Ducts and Air Connectors
- UL 1863 (2004; Reprint Aug 2008) Communication Circuit Accessories
- UL 19 (2001; Reprint Jun 2008) Lined Fire Hose and Hose Assemblies
- UL 1951 (2011) Electric Plumbing Accessories
- UL 197 (2010; Reprint Jun 2011) Commercial Electric Cooking Appliances
- UL 1971 (2002; Reprint Oct 2008) Signaling Devices for the Hearing Impaired
- UL 1981 (2003) Standard for Central Station Automation Systems
- UL 198M (2003; Reprint Oct 2007) Standard for Mine-Duty Fuses
- UL 1995 (2011) Heating and Cooling Equipment
- UL 1996 (2009; Reprint Nov 2011) Electric Duct Heaters
- UL 20 (2010) General-Use Snap Switches
- UL 2017 (2008; Reprint May 2011) General-Purpose Signaling Devices and Systems
- UL 2034 (2008; Reprint Feb 2009) Single and Multiple Station Carbon Monoxide Alarms
- UL 2043 (2008) 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) Refrigerant-Containing Components and Accessories, Nonelectrical
UL 2079	(2004; Reprint Jun 2008) 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) Cellular Metal Floor Raceways and Fittings
UL 2127	(1999; Reprint Mar 2001) Inert Gas Clean Agent Extinguishing System Units
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UL 231	(2008; Reprint Jun 2010) Power Outlets
UL 246	(2011; Reprint Aug 2011) Hydrants for Fire-Protection Service
UL 250	(1993; Reprint Aug 2000) Household Refrigerators and Freezers
UL 262	(2004; Reprint Oct 2011) Gate Valves for Fire-Protection Service
UL 263	(2011) Fire Tests of Building Construction and Materials
UL 268	(2009) Smoke Detectors for Fire Alarm Systems
UL 268A	(2008; Reprint Sep 2009) Smoke Detectors for Duct Application
UL 294	(1999; R 2001; R 2004; R 2005; R 2009) Access Control System Units
UL 296	(2003; Reprint Jun 2011) Oil Burners
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UL 312	(2010) Check Valves for Fire-Protection Service

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UL 33	(2010) Heat Responsive Links for Fire-Protection Service
UL 330	(2009) UL Standard for Safety Hose and Hose Assemblies for Dispensing Flammable Liquids
UL 346	(2005; Reprint Nov 2009) Waterflow Indicators for Fire Protective Signaling Systems
UL 353	(1994; Reprint Nov 2011) Standard for Limit Controls
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UL 38	(2008; Reprint Dec 2008) Manual Signaling Boxes for Fire Alarm Systems
UL 4	(2004; Reprint Oct 2008) Standard for Armored Cable
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UL 486C	(2004; Reprint Feb 2010) Splicing Wire Connectors
UL 486E	(2009; Reprint Apr 2010) Equipment Wiring Terminals for Use with Aluminum and/or Copper Conductors
UL 489	(2009; Reprint Jun 2011) Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures
UL 497	(2001; Reprint Apr 2009) Protectors for Paired Conductor Communication Circuits
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UL 498	(2012) Attachment Plugs and Receptacles
UL 499	(2005; Reprint Apr 2012) Electric Heating Appliances
UL 5	(2011) Surface Metal Raceways and Fittings
UL 50	(2007; Reprint Apr 2012) Enclosures for Electrical Equipment, Non-environmental Considerations
UL 506	(2008; Reprint Mar 2010) Specialty Transformers
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UL 508	(1999; Reprint Apr 2010) Industrial Control Equipment
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UL 514A	(2004; Reprint Apr 2010) Metallic Outlet Boxes
UL 514B	(2004; Reprint Nov 2009) Conduit, Tubing and Cable Fittings
UL 514C	(1996; Reprint Nov 2011) Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
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UL 58	(1996; Reprint Jul 1998) Steel Underground Tanks for Flammable and Combustible Liquids
UL 580	(2006; Reprint Jul 2009) Tests for Uplift Resistance of Roof Assemblies
UL 586	(2009) Standard for High-Efficiency Particulate, Air Filter Units
UL 595	(1985) Marine-Type Electric Lighting Fixtures
UL 5A	(2003; Reprint Aug 2008) Nonmetallic Surface Raceways and Fittings
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UL 60601-1	(2003; Reprint Apr 2006) Medical Electrical Equipment, Part 1: General Requirements for Safety
UL 609	(1996; Reprint Sep 2010) Local Burglar Alarm Units and Systems
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UL 626	(2005; Reprint Mar 2012) 2-1/2 Gallon Stored-Pressure, Water-Type Fire Extinguishers
UL 632	(2000) Standard for Electrically-Actuated Transmitters
UL 634	(2007; Reprint Dec 2009) Connectors and Switches for Use with Burglar-Alarm Systems
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UL 651	(2011; Reprint Mar 2012) Standard for Schedule 40 and 80 Rigid PVC Conduit and Fittings
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