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**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**

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# **Unified Master Reference List (UMRL)**

JULY 2009

## 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 (AFCEA), 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).

ACI INTERNATIONAL (ACI)

ACI 117	(2006) Standard Specifications for Tolerances for Concrete Construction and Materials
ACI 121R	(2008) Quality Management System for Concrete Construction
ACI 201.1R	(2008) Guide for Making a Condition Survey 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	(2004) Chemical Admixtures for Concrete
ACI 213R	(2003) Guide for Structural Lightweight Aggregate Concrete
ACI 214R	(2002) Recommended Practice for Evaluation of Strength Test Results of Concrete
ACI 224.1R	(2007) Causes, Evaluation, and Repair of Cracks in Concrete Structures
ACI 301	(2005; Errata 2008) 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) Guide for Measuring, Mixing, Transporting, and Placing Concrete
ACI 305.1	(2006) Specification for Hot Weather Concreting
ACI 305R	(1999; Errata 2006) Hot Weather Concreting
ACI 306.1	(1990; R 2002) Standard Specification for Cold Weather Concreting

ACI 306R	(1988; R 2002) Cold Weather Concreting
ACI 308.1	(1998) Standard 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	(2008; Errata 2008) Building Code Requirements for Structural Concrete and Commentary
ACI 318/318R	(2008; Errata 2008) Building Code Requirements for Structural Concrete and Commentary
ACI 318M	(2008; Errata 2008) Metric Building Code Requirements for Structural Concrete and Commentary
ACI 325.9R	(1991; R 1997) Guide for Construction of Concrete Pavements and Bases
ACI 336.1	(2001) Specification for the Construction of Drilled Piers
ACI 346	(2001) Specification for Cast-in-Place Concrete Pipe
ACI 347	(2004) Guide to Formwork for Concrete
ACI 364.1R	(2007) Guide for Evaluation of Concrete Structures Prior to Rehabilitation
ACI 437R	(2003) Strength Evaluation of Existing Concrete Buildings
ACI 440.2R	(2008) 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, R2003) Standard Specification for Repairing Concrete with Epoxy Mortars
ACI 503R	(1993; R 2008) Use of Epoxy Compounds with Concrete
ACI 506.2	(1995) Specification for Shotcrete
ACI 530/530.1	(2008; Errata 2008; Errata 2009) Building Code Requirements and Specification for Masonry Structures; Containing Building Code Requirements for Masonry Structures, Specification for Masonry Structures and Companion Commentaries
ACI 548.4	(1993; R 1998) 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	(2002) Craftman Workbook for ACI Certification of Shotcrete Nozzleman
ACI MCP SET	(2009) Manual of Concrete Practice
ACI SP-15	(2005) Field Reference Manual: Standard Specifications for Structural Concrete with Selected ACI and ASTM References
ACI SP-2	(2007) ACI Manual of Concrete Inspection
ACI SP-205	(2001) Finite Element Analysis of Reinforced Concrete Structures
ACI SP-66	(2004) ACI Detailing Manual
ACI/MCP 205	(2008) Manual of Concrete Practice Part 2 - ACI 224R-01 to ACI 313R-97
ACI/MCP 305	(2008) Manual of Concrete Practice Part 3: 315-99 to 343R-95
ACI/MCP 405	(2008) Manual of Concrete Practice Part 4: 345R-91(97) to 355.2R-04
ACI/MCP-1	(2009) Manual of Concrete Practice Part 1: ACI 104-71R-97 to 223-98
ACI/MCP-2	(2009) Manual of Concrete Practice Part 2 - ACI 224R-01 to ACI 313R-97
ACI/MCP-3	(2009) Manual of Concrete Practice Part 3 - ACI 315-99 to ACI 343R-95
ACI/MCP-4	(2009) Manual of Concrete Practice Part 4 - ACI 345R-05 to 355.2R-04

ACOUSTICAL SOCIETY OF AMERICA (ASA)

ASA S1.11	(2004; Errata 2005) Specification for Octave- Band and Fractional-Octave-Band Analog and Digital Filters (ASA 65)
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ASA S1.13	(2005) 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 2006) 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	(2002) Acoustics Determination of Sound Power Levels of Noise Sources using Sound Pressure Precision Method for Reverberation Rooms
ASA S12.53/1	(1999; R 2004) 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 2004) 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	(1999; R 2004) 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 & Cooling; 11th Edition

AIR DIFFUSION COUNCIL (ADC)

ADC Standards Manual (2008) Flexible Duct Performance and Installation  
Standards

AIR MOVEMENT AND CONTROL ASSOCIATION INTERNATIONAL (AMCA)

AMCA 201 (2002) Fans and Systems

AMCA 203 (1990) 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 (2005) 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 (1998) Laboratory Methods of Testing Dampers for  
Rating

AMCA 500L (1999) Laboratory Methods of Testing Louvers for  
Rating

AMCA 511 (1999; R 2004) Certified Ratings Program for Air  
Control Devices

AMCA 801 (2001) Industrial Process/Power Generation Fans:  
Specification Guidelines

AMCA 802 (2002) Industrial Process/Power Generation Fans:  
Establishing Performance Using Laboratory Models

AMCA 99 (2003) 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	(2005) Performance Rating of Air-to-air Heat Exchangers for Energy Recovery Ventilation Heat Equipment
AHRI 210/240	(2008) Performance Rating of Unitary Air-Conditioning and Air-Source Heat Pump Equipment
AHRI 260	(2001; Addendum 2002) Sound Rating of Ducted Air Moving and Conditioning Equipment
AHRI 270	(2008) Standard for Sound Rating of Outdoor Unitary Equipment
AHRI 310/380	(2004) Standard for Packaged Terminal Air-Conditioners and Heat Pumps
AHRI 320	(1998) Water-Source Heat Pumps
AHRI 325	(2008) Ground Water-Source Heat Pumps
AHRI 340/360	(2004) Performance Rating of Commercial and Industrial Unitary Air-Conditioning and Heat Pump Equipment
AHRI 350	(2000) Sound Rating of Non-Ducted Indoor Air-Conditioning Equipment
AHRI 365	(2002) Commercial and Industrial Unitary Air-Conditioning Condensing Units
AHRI 370	(2001) Sound Rating of Large Outdoor Refrigerating and Air-Conditioning Equipment
AHRI 410	(2001; Addendum 2002) Standard for Forced-Circulation Air-Cooling and Air-Heating Coils
AHRI 420	(2008) Unit Coolers for Refrigeration
AHRI 430	(1999) Standard for Central-Station Air-Handling Units
AHRI 440	(2008) Standard for Room Fan-Coils and Unit Ventilators
AHRI 450	(2007) Standard for Water-Cooled Refrigerant Condensers, Remote Type
AHRI 460	(2005) Performance Rating of Remote Mechanical-Draft Air-Cooled Refrigerant Condensers



AHRI 480	(2007) Standard for Refrigerant-Cooled Liquid Coolers, Remote Type
AHRI 490	(2003) Remote Mechanical-Draft Evaporatively-Cooled Refrigerant Condensers
AHRI 495	(2005) Performance Rating of Refrigerant Liquid Receivers
AHRI 500	(2000) Variable Capacity Positive Displacement Refrigerant Compressors and Compressor Units for Air-Conditioning and Heat Pump Applications
AHRI 510	(1993) Ammonia Compressor Units
AHRI 520	(2004) Performance Rating of Positive Displacement Condensing Units
AHRI 550/590	(2003) Standard for Water-Chilling Packages Using the Vapor Compression Cycle
AHRI 560	(2000) Absorption Water Chilling and Water Heating Packages
AHRI 575	(2008) Method of Measuring Machinery Sound Within an Equipment Space
AHRI 620	(2004) Standard for Self Contained Humidifiers for Residential Applications
AHRI 640	(2005) Performance Rating of Commercial and Industrial Humidifiers
AHRI 700	(2006; Appendix C 2008) Specifications for Fluorocarbon Refrigerants
AHRI 710	(2004) Standard for Performance Rating of Liquid-Line Driers
AHRI 720	(2002) Refrigerant Access Valves and Hose Connectors
AHRI 740	(1998) Refrigerant Recovery/Recycling Equipment
AHRI 750	(2007) Thermostatic Refrigerant Expansion Valves
AHRI 760	(2007) Solenoid Valves for Use With Volatile Refrigerants
AHRI 850	(2004) Standard for Performance Rating of Commercial and Industrial Air Filter Equipment
AHRI 880	(2008) Standard for Air Terminals
AHRI 885	(2008) 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	(2005) Guideline for Containers for Recovered Non-Flammable Fluorocarbon Refrigerants

#### ALLIANCE FOR TELECOMMUNICATIONS INDUSTRY SOLUTIONS (ATIS)

ATIS O5.1	(2008) Specifications and Dimensions (for Wood Poles)
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#### ALUMINUM ASSOCIATION (AA)

AA 46	(1978) Standards for Anodized Architectural Aluminum
AA ADM1	(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, Section 5
AA DAF-45	(2003) Designation System for Aluminum Finishes
AA H35.1/35.1M	(2009) Alloy and Temper Designation Systems for Aluminum
AA H35.2	(2009) Dimensional Tolerances for Aluminum Mill Products
AA H35.2M	(2009) Dimensional Tolerances for Aluminum Mill Products
AA PK-1	(2008) Pink Sheets: Designations and Chemical Composition Limits for Aluminum Alloys in the Form of Castings and Ingot

#### AMERICAN ARCHITECTURAL MANUFACTURERS ASSOCIATION (AAMA)

AAMA 1002.10	(1993) Voluntary Specification for Insulating Storm Products for Windows and Sliding Glass Doors
AAMA 1102.7	(1989) Voluntary Specifications for Aluminum Storm Doors
AAMA 1302.5	(1976) Voluntary Specifications for Forced-Entry Resistant Aluminum Prime Windows
AAMA 1503	(1998) Voluntary Test Method for Thermal Transmittance and Condensation Resistance of Windows, Doors and Glazed Wall Sections

AAMA 1600	(2000) Voluntary Specification for Skylights
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 501.1	(2005) Methods of Test for Exterior Walls
AAMA 501.4	(2000) Recommended Static Test Method for Evaluating Curtain Wall and Storefront Systems Subjected to Seismic and Wind Induced Interstory Drifts
AAMA 609/610	(2002) Cleaning and Maintenance Guide for Architecturally Finished Aluminum
AAMA 611	(1998) Voluntary Specification for Anodized Architectural Aluminum
AAMA 701	(2004) Voluntary Specification for Pile Weather Strip
AAMA 800	(2008) Voluntary Specifications and Test Methods for Sealants
AAMA 902	(1999) 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/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) A Policy on Geometric Design of Highways and Streets, 5th Edition
AASHTO HB-17	(2002; Errata 2003; Errata 2005) Standard Specifications for Highway Bridges

AASHTO LTS	(2009; Errata 2009) 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	(2008) Standard Specification for Preservatives and Pressure Treatment Processes for Timber
AASHTO M 140	(2008) Emulsified Asphalt
AASHTO M 145	(1991; R 2004) Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes
AASHTO M 147	(1965; R 2004) Materials for Aggregate and Soil-Aggregate Subbase, Base and Surface Courses
AASHTO M 156	(1997; R 2005) Standard Specification for Requirements for Mixing Plants for Hot-Mixed, Hot-Laid Bituminous Paving Mixtures
AASHTO M 167M/M 167	(2005) Corrugated Steel Structural Plate, Zinc-Coated, for Field-Bolted Pipe, Pipe-Arches and Arches
AASHTO M 180	(2000; R 2004) Corrugated Sheet Steel Beams for Highway Guardrail
AASHTO M 182	(2005) Standard Specification for Burlap Cloth Made from Jute or Kenaf and Cotton Mats
AASHTO M 190	(2004) Bituminous Coated Corrugated Metal Culvert Pipe and Pipe Arches
AASHTO M 198	(2008) Standard Specification for Joints for Concrete Pipe, Manholes and Precast Box Sections Using Preformed Flexible Joint Sealants
AASHTO M 20	(1970; R 2004) Penetration-Graded Asphalt Cement
AASHTO M 200	(1973; R 2007) Standard Specification for Epoxy Protective Coatings
AASHTO M 208	(2001; R 2005) Cationic Emulsified Asphalt
AASHTO M 216	(2005) Lime for Soil Stabilization
AASHTO M 219	(1992; R 2004) Corrugated Aluminum Alloy Structural Plate for Field-Bolted Pipe, Pipe-Arches, and Arches
AASHTO M 226	(1980; R 2004) Viscosity Graded Asphalt Cement
AASHTO M 243	(1996; R 2004) Field-Applied Coating of Corrugated Metal Structural Plate for Pipe, Pipe-Arches, and Arches

AASHTO M 247	(2008) Glass Beads Used in Traffic Paints
AASHTO M 252	(2008) Corrugated Polyethylene Drainage Pipe
AASHTO M 288	(2006) Standard Specification for Geotextile Specification for Highway Applications
AASHTO M 294	(2008) Standard Specification for Corrugated Polyethylene Pipe, 300- to 1500-mm Diameter
AASHTO M 300	(2003; R 2007) Inorganic Zinc-Rich Primer
AASHTO M 314	(1990; R 2004) Standard Specification for Steel Anchor Bolts
AASHTO M 320	(2005) Performance-Graded Asphalt Binder
AASHTO M 322M/M 322	(2007) 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) Sizes of Aggregate for Road and Bridge Construction
AASHTO M 81	(1992; R 2004) Cut-Back Asphalt (Rapid-Curing Type)
AASHTO M 82	(1975; R 2004) Cut-Back 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-3	(2002; Errata 2004) Roadside Design Guide
AASHTO SDDP-1	(2002) Shop Detail Drawing Presentation Guidelines
AASHTO T 102	(1983; R 2004) Spot Test of Asphaltic Materials
AASHTO T 11	(2005) Materials Finer Than 75 Micrometer (No. 200) Sieve in Mineral Aggregates by Washing
AASHTO T 111	(1983; R 2004) Inorganic Matter or Ash in Bituminous Materials
AASHTO T 134	(2005) Moisture-Density Relations of Soil-Cement Mixtures
AASHTO T 135	(1997; R 2005) Wetting-and-Drying Test of Compacted Soil-Cement Mixtures
AASHTO T 136	(1997; R 2005) Freezing-and-Thawing Tests of Compacted Soil-Cement Mixtures

AASHTO T 180	(2001; R 2004) Moisture-Density Relations of Soils Using a 4.54-kg (10-lb) Rammer and an 457-mm (18-in) Drop
AASHTO T 193	(1999; R 2007) The California Bearing Ratio
AASHTO T 219	(1987; R 2004) Testing Lime for Chemical Constituents and Particle Sizes
AASHTO T 224	(2001; R 2004) 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) Resistance of Concrete to Chloride Ion Penetration
AASHTO T 260	(1997; R 2005) Sampling and Testing for Chloride Ion in Concrete and Concrete Raw Materials
AASHTO T 27	(2006) Sieve Analysis of Fine and Coarse Aggregates
AASHTO T 30	(2008) Mechanical Analysis of Extracted Aggregate
AASHTO T 308	(2008) Determining the Asphalt Binder Content of Hot Mix Asphalt (HMA) by the Ignition Method
AASHTO T 312	(2008) Preparing and Determining the Density of Hot Mixed Asphalt (HMA) Specimens By Means of the Superpave Gyratory Compactor
AASHTO T 326	(2005) 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 107	(2002; E 2008) Colorfastness to Water
AATCC 134	(2006; E 2007) Standard Test Method for Electrostatic Propensity of Carpets
AATCC 16	(2004) Colorfastness to Light
AATCC 165	(2008) Colorfastness to Crocking: Textile Floor Coverings - AATCC Crockmeter Method
AATCC 174	(1998; R 2007) Antimicrobial Activity Assessment of

## Carpets

### AMERICAN BEARING MANUFACTURERS ASSOCIATION (ABMA)

ABMA 11	(1990; R 1999) Load Ratings and Fatigue Life for Roller Bearings
ABMA 7	(1995; R 2001) Shaft and Housing Fits for Metric Radial Ball and Roller Bearings (Except Tapered Roller Bearings) Conforming to Basic Boundary Plan
ABMA 9	(1990; R 2000) Load Ratings and Fatigue Life for Ball Bearings
ABMA Manual	(Unknown) 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	(1995) Building and Classing Steel Vessels
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### 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 0100Doc	(2005) 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 (2001) National Design Specification (NDS) for Wood Construction

AMERICAN GAS ASSOCIATION (AGA)

- AGA B109.1 (2000) Diaphragm-Type Gas Displacement Meters (Under 500 cubic ft./hour Capacity)
- AGA B109.2 (2000) Diaphragm-Type Gas Displacement Meters (500 cubic ft./hour Capacity and Over)
- AGA B109.3 (2000) Rotary-Type Gas Displacement Meters
- AGA GMC Gas Measurement Committee Report No. 3
- AGA Report No 3 (2000) Orifice Metering of Natural Gas; PART 2: Specification and Installation Requirements
- AGA XR0603 (2006) AGA Plastic Pipe Manual for Gas Service

AMERICAN GEAR MANUFACTURERS ASSOCIATION (AGMA)

- AGMA 2001 (2004d) Fundamental Rating Factors and Calculation Methods for Involute Spur and Helical Gear Teeth
- AGMA 2003 (1997b; R 2003) Rating the Pitting Resistance and Bending Strength of Generated Straight Bevel, ZEROL Bevel, and Spiral Bevel Gear Teeth
- AGMA 2004 (2008c) Gear Materials and Heat Treatment Manual
- AGMA 2005 (2003d) Design Manual for Bevel Gears
- AGMA 2009 (2001b) Bevel Gear Classification, Tolerances and Measuring Methods
- AGMA 2011 (1998a) Cylindrical Wormgearing Tolerance and Inspection Methods
- AGMA 2015-1 (2001a) Accuracy Classification System - Tangential Measurements for Cylindrical Gears
- AGMA 2015/915-1 (2002a) Supplement Tables - Accuracy Classification System - Tangential Measurement Tolerance Tables for Cylindrical Gears
- AGMA 6001 (1997d; R 2003) Design and Selection of Components for Enclosed Gear Drives
- AGMA 6011 (2003i) Specifications for High Speed Helical Gear



Units

AGMA 6013	(2006) Standard for Industrial Enclosed Gear Drives
AGMA 6025	(1998d; R 2004) Sound for Enclosed Helical, Herringbone and Spiral Bevel Gear Drives
AGMA 6034	(1992b; R 2005) Practice for Enclosed Cylindrical Wormgear Speed Reducers and Gearmotors
AGMA 6113	(2006) Standard for Industrial Enclosed Gear Drives (Metric Edition)
AGMA 6123	(2006b) Design Manual for Enclosed Epicyclic Gear Drives
AGMA 9000	(1990c; R 2001) Flexible Couplings - Potential Unbalance Classification
AGMA 9002	(2004b) Bores and Keyways for Flexible Couplings (Inch Series)
AGMA 9005	(2002e) Industrial Gear Lubrication
AGMA 908	(1989b, R 1999) Information Sheet: Geometry Factors for Determining the Pitting Resistance and Bending Strength of Spur, Helical and Herringbone Gear Teeth

AMERICAN HARDBOARD ASSOCIATION (AHA)

AHA A135.4	(2004) Basic Hardboard
AHA A135.6	(1998) Hardboard Siding

AMERICAN INDUSTRIAL HYGIENE ASSOCIATION (AIHA)

AIHA Z9.3	(1995) Spray Finishing Operations - Safety Code for Design, Construction and Ventilation
AIHA Z9.4	(1997) Abrasive Blasting Operations: Ventilation and Safe Practices for Fixed Location Enclosures

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ASTM A 269	(2008) Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service
ASTM A 27/A 27M	(2008) Standard Specification for Steel Castings, Carbon, for General Application
ASTM A 270	(2003a <sup>1</sup> ; R 2008) Standard Specification for Seamless and Welded Austenitic Stainless Steel

## Sanitary Tubing

ASTM A 275/A 275M	(2008) Standard Test Method for Magnetic Particle Examination of Steel Forgings
ASTM A 276	(2008a) Standard Specification for Stainless Steel Bars and Shapes
ASTM A 278/A 278M	(2001; R 2006) Standard Specification for Gray Iron Castings for Pressure-Containing Parts for Temperatures Up to 650 degrees F (350 degrees C)
ASTM A 283/A 283M	(2003; R 2007) Standard Specification for Low and Intermediate Tensile Strength Carbon Steel Plates
ASTM A 285/A 285M	(2003; R 2007) Standard Specification for Pressure Vessel Plates, Carbon Steel, Low- and Intermediate-Tensile Strength
ASTM A 29/A 29M	(2005) Standard Specification for Steel Bars, Carbon and Alloy, Hot-Wrought General Requirements for
ASTM A 290/A 290M	(2005) Standard Specification for Carbon and Alloy Steel Forgings for Rings for Reduction Gears
ASTM A 297/A 297M	(2008a) Standard Specification for Steel Castings, Iron-Chromium and Iron-Chromium-Nickel, Heat Resistant, for General Application
ASTM A 302/A 302M	(2003; R 2007) Standard Specification for Standard Specification for Pressure Vessel Plates, Alloy Steel, Manganese-Molybdenum and Manganese-Molybdenum-Nickel
ASTM A 307	(2007b) Standard Specification for Carbon Steel Bolts and Studs, 60 000 PSI Tensile Strength
ASTM A 308/A 308M	(2006) Standard Specification for Steel Sheet, Terne (Lead-Tin Alloy) Coated by the Hot Dip Process
ASTM A 312/A 312M	(2009) Standard Specification for Seamless, Welded, and Heavily Worked Austenitic Stainless Steel Pipes
ASTM A 313/A 313M	(2008) Standard Specification for Stainless Steel Spring Wire
ASTM A 319	(1971; R 2006) Standard Specification for Gray Iron Castings for Elevated Temperatures for Non-Pressure Containing Parts
ASTM A 320/A 320M	(2008) Standard Specification for Alloy/Steel Bolting Materials for Low-Temperature Service
ASTM A 322	(2007) Standard Specification Steel Bars, Alloy, Standard Grades



ASTM A 325	(2009) Standard Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength
ASTM A 325M	(2009) Standard Specification for Structural Bolts, Steel, Heat Treated, 830 Mpa Minimum Tensile Strength (Metric)
ASTM A 328/A 328M	(2007) Standard Specification for Steel Sheet Piling
ASTM A 334/A 334M	(2004a) Standard Specification for Seamless and Welded Carbon and Alloy-Steel Tubes for Low-Temperature Service
ASTM A 336/A 336M	(2009) Standard Specification for Alloy Steel Forgings for Pressure and High-Temperature Parts
ASTM A 345	(2004) Standard Specification for Flat-Rolled Electrical Steels for Magnetic Applications
ASTM A 350/A 350M	(2007) Standard Specification for Standard Specification for Carbon and Low-Alloy Steel Forgings, Requiring Notch Toughness Testing for Piping Components
ASTM A 351/A 351M	(2006) Standard Specification for Castings, Austenitic, Austenitic-Ferritic (Duplex), for Pressure-Containing Parts
ASTM A 352/A 352M	(2006) Standard Specification for Steel Castings, Ferritic and Martensitic, for Pressure-Containing Parts, Suitable for Low-Temperature Service
ASTM A 354	(2007a) Standard Specification for Quenched and Tempered Alloy Steel Bolts, Studs, and Other Externally Threaded Fasteners
ASTM A 356/A 356M	(2007) Standard Specification for Steel Castings, Carbon, Low Alloy, and Stainless Steel, Heavy-Walled for Steam Turbines
ASTM A 358/A 358M	(2008a) Standard Specification for Electric-Fusion-Welded Austenitic Chromium-Nickel Alloy Steel Pipe for High-Temperature Service and General Applications
ASTM A 36/A 36M	(2008) Standard Specification for Carbon Structural Steel
ASTM A 366	(1972) Standard Specification for Steel, Carbon, Cold-Rolled Sheet, Commercial Quality
ASTM A 366/A 366M	(1997e1) Standard Specification for Commercial Steel, Sheet, Carbon, (0.15 Maximum Percent Cold-Rolled
ASTM A 368	(1995a; R 2009) Standard Specification for

## Stainless Steel Wire Strand

ASTM A 370	(2009a) Standard Test Methods and Definitions for Mechanical Testing of Steel Products
ASTM A 376/A 376M	(2006) Standard Specification for Seamless Austenitic Steel Pipe for High-Temperature Central-Station Service
ASTM A 380	(2006) Standard Practice for Cleaning, Descaling, and Passivation of Stainless Steel Parts, Equipment, and Systems
ASTM A 385/A 385M	(2009) Standard Practice for Providing High-Quality Zinc Coatings (Hot-Dip)
ASTM A 392	(2007) Standard Specification for Zinc-Coated Steel Chain-Link Fence Fabric
ASTM A 395/A 395M	(1999; R 2004) Standard Specification for Ferritic Ductile Iron Pressure-Retaining Castings for Use at Elevated Temperatures
ASTM A 403/A 403M	(2007a) Standard Specification for Wrought Austenitic Stainless Steel Piping Fittings
ASTM A 416/A 416M	(2006) Standard Specification for Steel Strand, Uncoated Seven-Wire for Prestressed Concrete
ASTM A 420/A 420M	(2007) Standard Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Low-Temperature Service
ASTM A 421/A 421M	(2005) Standard Specification for Uncoated Stress-Relieved Wire for Prestressed Concrete
ASTM A 423/A 423M	(1995; R 2004) Standard Specification for Seamless and Electric-Welded Low-Alloy Steel Tubes
ASTM A 424/A 424M	(2009) Standard Specification for Steel Sheet for Porcelain Enameling
ASTM A 428/A 428M	(2006) Standard Test Method for Weight (Mass) of Coating on Aluminum-Coated Iron or Steel Articles
ASTM A 435/A 435M	(1990; R 2007) Standard Specification for Straight-Beam Ultrasonic Examination of Steel Plates
ASTM A 436	(1984; R 2006) Standard Specification for Austenitic Gray Iron Castings
ASTM A 439	(1983; R 2004) Standard Specification for Austenitic Ductile Iron Castings
ASTM A 447/A 447M	(1993; R 2007) Standard Specification for Steel Castings, Chromium-Nickel-Iron Alloy (25-12 Class), for High-Temperature Service

ASTM A 449	(2007b) Specification for Hex Cap Screws, Bolts, and Studs, Steel, Heat Treated, 120/105/90 ksi Minimum Tensile Strength, General Use
ASTM A 463/A 463M	(2009) Standard Specification for Steel Sheet, Aluminum-Coated
ASTM A 467/A 467M	(2007) Standard Specification for Machine Coil and Chain
ASTM A 47/A 47M	(1999; R 2004) Standard Specification for Steel Sheet, Aluminum-Coated, by the Hot-Dip Process
ASTM A 475	(2003) Standard Specification for Zinc-Coated Steel Wire Strand
ASTM A 478	(1997; R 2008) Standard Specification for Chromium-Nickel Stainless Steel Weaving and Knitting Wire
ASTM A 479/A 479M	(2008) Standard Specification for Stainless Steel Bars and Shapes for Use in Boilers and Other Pressure Vessels
ASTM A 48/A 48M	(2003; R 2008) Standard Specification for Gray Iron Castings
ASTM A 480/A 480M	(2009) Standard Specification for General Requirements for Flat-Rolled Stainless and Heat-Resisting Steel Plate, Sheet, and Strip
ASTM A 484/A 484M	(2008) General Requirements for Stainless Steel Bars, Billets, and Forgings
ASTM A 489	(2004e1) Standard Specification for Carbon Steel Lifting Eyes
ASTM A 49	(2001; R 2006) Standard Specification for Heat Treated Carbon Steel Joint Bars, Microalloyed Joint Bars and Forged Carbon Steel Compromise Joint Bars
ASTM A 490	(2008b) Standard Specification for Structural Bolts, Alloy Steel, Heat Treated, 150 ksi Minimum Tensile Strength
ASTM A 490M	(2009) Standard Specification for High-Strength Steel Bolts, Classes 10.9 and 10.9.3, for Structural Steel Joints (Metric)
ASTM A 491	(2007) Standard Specification for Aluminum-Coated Steel Chain-Link Fence Fabric
ASTM A 492	(1995; R 2009) Standard Specification for Stainless Steel Rope Wire
ASTM A 496/A 496M	(2007) Standard Specification for Steel Wire, Deformed, for Concrete Reinforcement

ASTM A 497/A 497M	(2007) Standard Specification for Steel Welded Wire Reinforcement, Deformed, for Concrete
ASTM A 499	(1989; R 2008) Standard Specification for Steel Bars and Shapes, Carbon Rolled from "T" Rails
ASTM A 500/A 500M	(2007) Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes
ASTM A 501	(2007) Standard Specification for Hot-Formed Welded and Seamless Carbon Steel Structural Tubing
ASTM A 504/A 504M	(2008) Standard Specification for Wrought Carbon Steel Wheels
ASTM A 512	(2006) Standard Specification for Cold-Drawn Buttweld Carbon Steel Mechanical Tubing
ASTM A 513	(2008a) Standard Specification for Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing
ASTM A 514/A 514M	(2005) Standard Specification for High-Yield-Strength, Quenched and Tempered Alloy Steel Plate, Suitable for Welding
ASTM A 515/A 515M	(2003; R 2007) Standard Specification for Pressure Vessel Plates, Carbon Steel, for Intermediate- and Higher-Temperature Service
ASTM A 516/A 516M	(2006) Standard Specification for Pressure Vessel Plates, Carbon Steel, for Moderate- and Lower-Temperature Service
ASTM A 518/A 518M	(1999; R 2008) Standard Specification for Corrosion-Resistant High-Silicon Iron Castings
ASTM A 519	(2006) Standard Specification for Seamless Carbon and Alloy Steel Mechanical Tubing
ASTM A 524	(1996; R 2005) Standard Specification for Seamless Carbon Steel Pipe for Atmospheric and Lower Temperatures
ASTM A 526	(1990) Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Commercial Quality
ASTM A 526/A 526M	(1990) Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Commercial Quality
ASTM A 529/A 529M	(2005) Standard Specification for High-Strength Carbon-Manganese Steel of Structural Quality
ASTM A 53/A 53M	(2007) Standard Specification for Pipe, Steel,

	Black and Hot-Dipped, Zinc-Coated, Welded and Seamless
ASTM A 530/A 530M	(2004a) General Requirements for Specialized Carbon and Alloy Steel Pipe
ASTM A 532/A 532M	(1993a; R 2008) Standard Specification for Abrasion-Resistant Cast Irons
ASTM A 534	(2004) Standard Specification for Carburizing Steels for Anti-Friction Bearings
ASTM A 536	(1984e1; R 2004) Standard Specification for Ductile Iron Castings
ASTM A 554	(2008a) Standard Specification for Welded Stainless Steel Mechanical Tubing
ASTM A 560/A 560M	(2005) Standard Specification for Castings, Chromium-Nickel Alloy
ASTM A 563	(2007a) Standard Specification for Carbon and Alloy Steel Nuts
ASTM A 563M	(2007) Standard Specification for Carbon and Alloy Steel Nuts (Metric)
ASTM A 564/A 564M	(2004; R 2009) Standard Specification for Hot-Rolled and Cold-Finished Age-Hardening Stainless Steel Bars and Shapes
ASTM A 568/A 568M	(2009) Standard Specifications for Steel, Sheet, Carbon, and High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled, General Requirements for
ASTM A 570/A 570M	(1998) Standard Specification for Steel, Sheet and Strip, Carbon, Hot-Rolled
ASTM A 572/A 572M	(2007) Standard Specification for High-Strength Low-Alloy Columbium-Vanadium Structural Steel
ASTM A 574	(2008) Standard Specification for Alloy Steel Socket-Head Cap Screws
ASTM A 574M	(2008) Standard Specification for Alloy Steel Socket-Head Cap Screws (Metric)
ASTM A 575	(1996; R 2007) Standard Specification for Steel Bars, Carbon, Merchant Quality, M-Grades
ASTM A 576	(1990b; R 2006) Standard Specification for Steel Bars, Carbon, Hot-Wrought, Special Quality
ASTM A 580/A 580M	(2008) Standard Specification for Stainless Steel Wire
ASTM A 582/A 582M	(2005) Standard Specification for Free-Machining

## Stainless Steel Bars

ASTM A 586	(2004a) Standard Specification for Zinc-Coated Parallel and Helical Steel Wire Structural Strand and Zinc-Coated Wire for Spun-In-Place Structural Strand
ASTM A 587	(1996; R 2005) Standard Specification for Electric-Resistance-Welded Low-Carbon Steel Pipe for the Chemical Industry
ASTM A 588/A 588M	(2005) Standard Specification for High-Strength Low-Alloy Structural Steel with 50 ksi (345 MPa) Minimum Yield Point, with Atmospheric Corrosion Resistance
ASTM A 6/A 6M	(2009) Standard Specification for General Requirements for Rolled Structural Steel Bars, Plates, Shapes, and Sheet Piling
ASTM A 603	(1998; R 2003) Standard Specification for Zinc-Coated Steel Structural Wire Rope
ASTM A 606/A 606M	(2009) Standard Specification for Steel Sheet and Strip, High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled, with Improved Atmospheric Corrosion Resistance
ASTM A 609/A 609M	(1991; R 2007) Standard Specification for Castings, Carbon, Low-Alloy, and Martensitic Stainless Steel, Ultrasonic Examination Thereof
ASTM A 611	(1997) Standard Specification for Structural Steel (SS), Sheet, Carbon, Cold-Rolled
ASTM A 615/A 615M	(2009) Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement
ASTM A 618/A 618M	(2004) Standard Specification for Hot-Formed Welded and Seamless High-Strength Low-Alloy Structural Tubing
ASTM A 627	(2003) Standard Specification for Tool-Resisting Steel Bars, Flats, and Shapes for Detention and Correctional Facilities
ASTM A 632	(2004) Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing (Small-Diameter) for General Service
ASTM A 633/A 633M	(2001; R 2006) Standard Specification for Normalized High-Strength Low-Alloy Structural Steel Plates
ASTM A 641/A 641M	(2009a) Standard Specification for Zinc-Coated (Galvanized) Carbon Steel Wire

ASTM A 648	(2004a) Standard Specification for Steel Wire, Hard Drawn for Prestressing Concrete Pipe
ASTM A 653/A 653M	(2009) Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process
ASTM A 659/A 659M	(2008) Standard Specification for Commercial Steel (CS), Sheet and Strip, Carbon (0.16 Maximum to 0.25 Maximum Percent), Hot-Rolled
ASTM A 666	(2003) Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate and Flat Bar
ASTM A 667/A 667M	(1987; R 2008) Standard Specification for Centrifugally Cast Dual Metal (Gray and White Cast Iron) Cylinders
ASTM A 668/A 668M	(2004) Standard Specification for Steel Forgings, Carbon and Alloy, for General Industrial Use
ASTM A 675/A 675M	(2003; R 2009) Standard Specification for Steel Bars, Carbon, Hot-Wrought, Special Quality, Mechanical Properties
ASTM A 687	(1993) Standard Specification for High-Strength Nonheaded Steel Bolts and Studs
ASTM A 688/A 688M	(2008) Standard Specification for Welded Austenitic Stainless Steel Feedwater Heater Tubes
ASTM A 690/A 690M	(2007) 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 A 694/A 694M	(2008) Standard Specification for Carbon and Alloy Steel Forgings for Pipe Flanges, Fittings, Valves, and Parts for High-Pressure Transmission Service
ASTM A 702	(1989; R 2006) Standard Specification for Steel Fence Posts and Assemblies, Hot Wrought
ASTM A 705/A 705M	(1995; R 2009) Standard Specification for Age-Hardening Stainless Steel Forgings
ASTM A 706/A 706M	(2009) Standard Specification for Low-Alloy Steel Deformed and Plain Bars for Concrete Reinforcement
ASTM A 707/A 707M	(2002; R 2007) Standard Specification for Forged Carbon and Alloy Steel Flanges for Low-Temperature Service
ASTM A 709/A 709M	(2009) Standard Specification for Structural Steel for Bridges

ASTM A 716	(2008) Standard Specification for Ductile Iron Culvert Pipe
ASTM A 722/A 722M	(2007) Standard Specification for Uncoated High-Strength Steel Bar for Prestressing Concrete
ASTM A 727/A 727M	(2002; R 2007) Standard Specification for Carbon Steel Forgings for Piping Components with Inherent Notch Toughness
ASTM A 733	(2003) Standard Specification for Welded and Seamless Carbon Steel and Austenitic Stainless Steel Pipe Nipples
ASTM A 74	(2009) Standard Specification for Cast Iron Soil Pipe and Fittings
ASTM A 742/A 742M	(2003; R 2008) Standard Specification for Steel Sheet, Metallic Coated and Polymer Precoated for Corrugated Steel Pipe
ASTM A 743/A 743M	(2006) Standard Specification for Castings, Iron-Chromium, Iron-Chromium-Nickel, Corrosion Resistant, for General Application
ASTM A 746	(2009) Standard Specification for Ductile Iron Gravity Sewer Pipe
ASTM A 755/A 755M	(2003; R 2008) 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 A 760/A 760M	(2009) Standard Specification for Corrugated Steel Pipe, Metallic-Coated for Sewers and Drains
ASTM A 762/A 762M	(2008) Standard Specification for Corrugated Steel Pipe, Polymer Precoated for Sewers and Drains
ASTM A 764	(2007) Standard Specification for Metallic Coated Carbon Steel Wire, Coated at Size and Drawn to Size for Mechanical Springs
ASTM A 767/A 767M	(2005) Standard Specification for Zinc-Coated (Galvanized) Steel Bars for Concrete Reinforcement
ASTM A 774/A 774M	(2006) Standard Specification for As-Welded Wrought Austenitic Stainless Steel Fittings for General Corrosive Service at Low and Moderate Temperatures
ASTM A 775/A 775M	(2007b) Standard Specification for Epoxy-Coated Steel Reinforcing Bars
ASTM A 778	(2001) Standard Specification for Welded, Unannealed Austenitic Stainless Steel Tubular Products



ASTM A 779/A 779M	(2005) Standard Specification for Steel Strand, Seven-Wire, Uncoated, Compacted, Stress-Relieved for Prestressed Concrete
ASTM A 780/A 780M	(2001; R 2006) Standard Practice for Repair of Damaged and Uncoated Areas of Hot-Dip Galvanized Coatings
ASTM A 786/A 786M	(2005) Standard Specification for Hot-Rolled Carbon, Low-Alloy, High-Strength Low-Alloy, and Alloy Steel Floor Plates
ASTM A 789/A 789M	(2008b) Standard Specification for Seamless and Welded Ferritic/Austenitic Stainless Steel Tubing for General Service
ASTM A 792/A 792M	(2009) Standard Specification for Steel Sheet, 55% Aluminum-Zinc Alloy-Coated by the Hot-Dip Process
ASTM A 795/A 795M	(2008) Standard Specification for Black and Hot-Dipped Zinc-Coated (Galvanized) Welded and Seamless Steel Pipe for Fire Protection Use
ASTM A 798/A 798M	(2007) Standard Practice for Installing Factory-Made Corrugated Steel Pipe for Sewers and Other Applications
ASTM A 807/A 807M	(2002; R 2008) Standard Practice for Installing Corrugated Steel Structural Plate Pipe for Sewers and Other Applications
ASTM A 809	(2008) Standard Specification for Aluminum-Coated (Aluminized) Carbon Steel Wire
ASTM A 813/A 813M	(2007) Standard Specification for Single- or Double-Welded Austenitic Stainless Steel Pipe
ASTM A 814/A 814M	(2008) Standard Specification for Cold-Worked Welded Austenitic Stainless Steel Pipe
ASTM A 815/A 815M	(2009) Standard Specification for Wrought Ferritic, Ferritic/Austenitic, and Martensitic Stainless Steel Piping Fittings
ASTM A 82/A 82M	(2007) Standard Specification for Steel Wire, Plain, for Concrete Reinforcement
ASTM A 820/A 820M	(2006) Standard Specification for Steel Fibers for Fiber-Reinforced Concrete
ASTM A 821/A 821M	(2005) Standard Specification for Steel Wire, Hard Drawn for Prestressing Concrete Tanks
ASTM A 824	(2001; R 2007) Standard Specification for Metallic-Coated Steel Marcellled Tension Wire for Use With Chain Link Fence

ASTM A 849	(2000; R 2005) Standard Specification for Post-Applied Coatings, Pavings, and Linings for Corrugated Steel Sewer and Drainage Pipe
ASTM A 852/A 852M	(2003; R 2007) Standard Specification for Quenched and Tempered Low-Alloy Structural Steel Plate with 70 ksi (485 MPa) Minimum Yield Strength to 4 in. (100 mm) Thick
ASTM A 853	(2004) Standard Specification for Steel Wire, Carbon, for General Use
ASTM A 856/A 856M	(2003) Standard Specification for Zinc-5% Aluminum-Mischmetal Alloy-Coated Carbon Steel Wire
ASTM A 857/A 857M	(2007) Standard Specification for Steel Sheet Piling, Cold-Formed, Light Gage
ASTM A 858/A 858M	(2009) Standard Specification for Heat-Treated Carbon Steel Fittings for Low-Temperature and Corrosive Service
ASTM A 861	(2004; R 2008) Standard Specification for High-Silicon Iron Pipe and Fittings
ASTM A 865/A 865M	(2006) Standard Specification for Threaded Couplings, Steel, Black or Zinc-Coated (Galvanized) Welded or Seamless, for Use in Steel Pipe Joints
ASTM A 879/A 879M	(2006) Standard Specification for Steel Sheet, zinc Coated by the Electrolytic Process for Applications Requiring Designation of the Coating Mass on Each Surface
ASTM A 882/A 882M	(2004a) Standard Specification for Filled Epoxy-Coated Seven-Wire Prestressing Steel Strand
ASTM A 884/A 884M	(2006) Standard Specification for Epoxy-Coated Steel Wire and Welded Wire Reinforcement
ASTM A 888	(2009) Standard Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Applications
ASTM A 898/A 898M	(2007) Standard Specification for Straight Beam Ultrasonic Examination of Rolled Steel Structural Shapes
ASTM A 90/A 90M	(2009) Standard Test Method for Weight [Mass] of Coating on Iron and Steel Articles with Zinc or Zinc-Alloy Coatings
ASTM A 924/A 924M	(2009) Standard Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process
ASTM A 929/A 929M	(2001; R 2007) Standard Specification for Steel

	Sheet, Metallic-Coated by the Hot-Dip Process for Corrugated Steel Pipe
ASTM A 931	(2008) Standard Test Method for Tension Testing of Wire Ropes and Strand
ASTM A 934/A 934M	(2007) Standard Specification for Epoxy-Coated Prefabricated Steel Reinforcing Bars
ASTM A 966/A 966M	(2008) Standard Test Method for Magnetic Particle Examination of Steel Forgings Using Alternating Current
ASTM A 974	(1997; R 2003) Standard Specification for Welded Wire Fabric Gabion and Gabion Mattresses (Metallic Coated or Polyvinyl Chloride (PVC) Coated)
ASTM A 975	(1997; R 2003) 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 A 981	(1997; R 2007) 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 A 990	(2008) Standard Specification for Castings, Iron-Nickel-Chromium and Nickel Alloys, Specially Controlled for Pressure Retaining Parts for Corrosive Service
ASTM A 992/A 992M	(2006a) Standard Specification for Structural Steel Shapes
ASTM A 996/A 996M	(2009) Standard Specification for Rail-Steel and Axle-Steel Deformed Bars for Concrete Reinforcement
ASTM B 1	(2001; R 2007) Standard Specification for Hard-Drawn Copper Wire
ASTM B 101	(2007) Standard Specification for Lead-Coated Copper Sheet and Strip for Building Construction
ASTM B 103/B 103M	(2009) Standard Specification for Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar
ASTM B 108/B 108M	(2008) Standard Specification for Aluminum-Alloy Permanent Mold Castings
ASTM B 111/B 111M	(2009) Standard Specification for Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock
ASTM B 117	(2007a) Standing Practice for Operating Salt Spray (Fog) Apparatus

ASTM B 121/B 121M	(2001; R 2006) Standard Specification for Lead Brass Plate, Sheet, Strip, and Rolled Bar
ASTM B 124/B 124M	(2008a) Standard Specification for Copper and Copper Alloy Forging Rod, Bar, and Shapes
ASTM B 127	(2005) Standard Specification for Nickel-Copper Alloy (UNS N04400) Plate, Sheet, and Strip
ASTM B 135	(2008a) Standard Specification for Seamless Brass Tube
ASTM B 135M	(2008a) Standard Specification for Seamless Brass Tube (Metric)
ASTM B 136	(1984e1; R 2008) Standard Method for Measurement of Stain Resistance of Anodic Coatings on Aluminum
ASTM B 137	(1995; R 2004) Standard Test Method for Measurement of Coating Mass Per Unit Area on Anodically Coated Aluminum
ASTM B 138/B 138M	(2006) Standard Specification for Manganese Bronze Rod, Bar and Shapes
ASTM B 148	(1997; R 2003e1) Standard Specification for Aluminum-Bronze Sand Castings
ASTM B 150/B 150M	(2008) Standard Specification for Aluminum Bronze Rod, Bar, and Shapes
ASTM B 152/B 152M	(2006ae1) Standard Specification for Copper Sheet, Strip, Plate, and Rolled Bar
ASTM B 161	(2005e1) Standard Specification for Nickel Seamless Pipe and Tube
ASTM B 163	(2008) Standard Specification for Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes
ASTM B 164	(2003; R 2008) Standard Specification for Nickel-Copper Alloy Rod, Bar, and Wire
ASTM B 165	(2005) Standard Specification for Nickel-Copper Alloy (UNS N04400)* Seamless Pipe and Tube
ASTM B 166	(2008) 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 B 167	(2008) 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 B 168	(2008) 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 B 171/B 171M	(2009) Standard Specification for Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers and Heat Exchangers
ASTM B 173	(2001a; R 2007e1) Standard Specification for Rope-Lay-Stranded Copper Conductors Having Concentric-Stranded Members, for Electrical Conductors
ASTM B 176	(2008) Standard Specification for Copper-Alloy Die Castings
ASTM B 177	(2001; R 2006e1) Standard Guide for Engineering Chromium Electroplating
ASTM B 179	(2006) Standard Specification for Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes
ASTM B 187/B 187M	(2006) Standard Specification for Copper, Bus Bar, Rod and Shapes and General Purpose Rod, Bar and Shapes
ASTM B 188	(2002) Standard Specification for Seamless Copper Bus Pipe and Tube
ASTM B 194	(2008) Standard Specification for Copper-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar
ASTM B 2	(2008) Standard Specification for Medium-Hard-Drawn Copper Wire
ASTM B 209	(2007) Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
ASTM B 209M	(2007) Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate (Metric)
ASTM B 21/B 21M	(2006) Standard Specification for Naval Brass Rod, Bar, and Shapes
ASTM B 210	(2004) Standard Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes
ASTM B 210M	(2005) Standard Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric)
ASTM B 211	(2003) Standard Specification for Aluminum and Aluminum-Alloy Bar, Rod, and Wire
ASTM B 211M	(2003) Standard Specification for Aluminum and

	Aluminum-Alloy Bar, Rod, and Wire (Metric)
ASTM B 22	(2008) Standard Specification for Bronze Castings for Bridges and Turntables
ASTM B 221	(2008) Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes
ASTM B 221M	(2007) Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric)
ASTM B 23	(2000; R 2005) Standard Specification for White Metal Bearing Alloys (known Commercially as "Babbitt Metal")
ASTM B 230/B 230M	(2007) Standard Specification for Aluminum 1350-H19 Wire for Electrical Purposes
ASTM B 231/B 231M	(2004) Standard Specification for Concentric-Lay-Stranded Aluminum 1350 Conductors
ASTM B 232/B 232M	(2001e1) Standard Specification for Concentric-Lay-Stranded Aluminum Conductors, Coated-Steel Reinforced (ACSR)
ASTM B 236	(2007) Standard Specification for Aluminum Bars for Electrical Purposes (Bus Bars)
ASTM B 236M	(2007) Standard Specification for Aluminum Bars for Electrical Purposes (Bus Bars) (Metric)
ASTM B 241/B 241M	(2002) Standard Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube
ASTM B 244	(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 B 247	(2002a) Standard Specification for Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings
ASTM B 247M	(2002a) Standard Specification for Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric)
ASTM B 251	(2002e1) General Requirements for Wrought Seamless Copper and Copper-Alloy Tube
ASTM B 251M	(1997; R 2003) General Requirements for Wrought Seamless Copper and Copper-Alloy Tube (Metric)
ASTM B 26/B 26M	(2009) Standard Specification for Aluminum-Alloy

## Sand Castings

ASTM B 265	(2009a <sup>1</sup> ) Standard Specification for Titanium and Titanium Alloy Strip, Sheet, and Plate
ASTM B 271	(2008) Standard Specification for Copper-Base Alloy Centrifugal Castings
ASTM B 280	(2008) Standard Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service
ASTM B 3	(2001; R 2007) Standard Specification for Soft or Annealed Copper Wire
ASTM B 30	(2009) Standard Specification for Copper Alloys in Ingot Form
ASTM B 302	(2007) Standard Specification for Threadless Copper Pipe, Standard Sizes
ASTM B 306	(2009) Standard Specification for Copper Drainage Tube (DWV)
ASTM B 308/B 308M	(2002) Standard Specification for Aluminum-Alloy 6061-T6 Standard Structural Profiles
ASTM B 316/B 316M	(2002) Standard Specification for Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods
ASTM B 317/B 317M	(2007) Standard Specification for Aluminum-Alloy Extruded Bar, Rod, Tube, Pipe, and Structural Profiles for Electrical Purposes (Bus Conductor)
ASTM B 32	(2008) Standard Specification for Solder Metal
ASTM B 33	(2004) Standard Specification for Tinned Soft or Annealed Copper Wire for Electrical Purposes
ASTM B 333	(2003; R 2008) Standard Specification for Nickel-Molybdenum Alloy Plate, Sheet, and Strip
ASTM B 339	(2000; R 2005) Standard Specification for Pig Tin
ASTM B 344	(2001) Standard Specification for Drawn or Rolled Nickel-Chromium and Nickel-Chromium-Iron Alloys for Electrical Heating Elements
ASTM B 345/B 345M	(2002) Standard Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems
ASTM B 348	(2009) Standard Specification for Titanium and Titanium Alloy Bars and Billets
ASTM B 36/B 36M	(2008a) Standard Specification for Brass Plate,

Sheet, Strip, and Rolled Bar

ASTM B 361	(2008) Standard Specification for Factory-Made Wrought Aluminum and Aluminum-Alloy Welding Fittings
ASTM B 366	(2004b <sup>el</sup> ) Standard Specification for Factory-Made Wrought Nickel and Nickel Alloy Fittings
ASTM B 37	(2008) Standard Specification for Aluminum for Use in Iron and Steel Manufacturer
ASTM B 370	(2009) Standard Specification for Copper Sheet and Strip for Building Construction
ASTM B 371/B 371M	(2008) Standard Specification for Copper-Zinc-Silicon Alloy Rod
ASTM B 39	(1979; R 2008) Standard Specification for Nickel
ASTM B 395/B 395M	(2008) Standard Specification for U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes
ASTM B 398/B 398M	(2002; R 2007) Standard Specification for Aluminum-Alloy 6201-T81 Wire for Electrical Purposes
ASTM B 399/B 399M	(2004) Standard Specification for Concentric-Lay-Stranded Aluminum-Alloy 6201-T81 Conductors
ASTM B 400	(2008) Standard Specification for Compact Round Concentric-Lay-Stranded Aluminum 1350 Conductor
ASTM B 418	(2008) Standard Specification for Cast and Wrought Galvanic Zinc Anodes
ASTM B 42	(2002 <sup>el</sup> ) Standard Specification for Seamless Copper Pipe, Standard Sizes
ASTM B 424	(2005) Standard Specification for Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825 and UNS N08221)* Plate, Sheet, and Strip
ASTM B 429/B 429M	(2006) Standard Specification for Aluminum-Alloy Extruded Structural Pipe and Tube
ASTM B 43	(1998; R 2004) Standard Specification for Seamless Red Brass Pipe, Standard Sizes
ASTM B 438	(2008) Standard Specification for Sintered Bronze Bearings (Oil Impregnated)
ASTM B 439	(2008) Standard Specification for Iron-Base Sintered Bearings (Oil-Impregnated)
ASTM B 443	(2000; R 2005) Standard Specification for Nickel-Chromium-Molybdenum-Columbium Alloy (UNS



	N06625)and Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219)* Plate, Sheet, and Strip
ASTM B 456	(2003) Standard Specification for Electrodeposited Coatings of Copper Plus Nickel Plus Chromium and Nickel Plus Chromium
ASTM B 479	(2006) Standard Specification for Annealed Aluminum and Aluminum-Alloy Foil for Flexible Barrier, Food Contact, and Other Applications
ASTM B 48	(2000; R 2005e1) Standard Specification for Soft Rectangular and Square Bare Copper Wire for Electrical Conductors
ASTM B 496	(2004) Standard Specification for Compact Round Concentric-Lay-Stranded Copper Conductors
ASTM B 505/B 505M	(2008a) Standard Specification for Copper-Base Alloy Continuous Castings
ASTM B 517	(2005) Standard Specification for Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe
ASTM B 545	(1997; R 2004e1) Standard Specification for Electrodeposited Coatings of Tin
ASTM B 546	(2004) 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 B 564	(2006a) Standard Specification for Nickel Alloy Forgings
ASTM B 574	(2006e1) 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 B 584	(2008a) Standard Specification for Copper Alloy Sand Castings for General Applications
ASTM B 6	(2008) Standard Specification for Zinc
ASTM B 609/B 609M	(1999; R 2004) Standard Specification for Aluminum 1350 Round Wire, Annealed and Intermediate Tempers, for Electrical purposes
ASTM B 61	(2008) Standard Specification for Steam or Valve Bronze Castings

ASTM B 612	(2000) Standard Specification for Iron Bronze Sintered Bearings (Oil-Impregnated)
ASTM B 619	(2006) Standard Specification for Welded Nickel and Nickel-Cobalt Alloy Pipe
ASTM B 62	(2009) Standard Specification for Composition Bronze or Ounce Metal Castings
ASTM B 622	(2006) Standard Specification for Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube
ASTM B 632/B 632M	(2008) Standard Specification for Aluminum-Alloy Rolled Tread Plate
ASTM B 633	(2007) Standard Specification for Electrodeposited Coatings of Zinc on Iron and Steel
ASTM B 650	(1995; R 2008) Standard Specification for Electrodeposited Engineering Chromium Coatings on Ferrous Substrates
ASTM B 659	(1990e1; R 2008) Standard Guide for Measuring Thickness of Metallic and Inorganic Coatings
ASTM B 68	(2002) Standard Specification for Seamless Copper Tube, Bright Annealed
ASTM B 687	(1999; R 2005e1) Standard Specification for Brass, Copper, and Chromium-Plated Pipe Nipples
ASTM B 68M	(1999; R 2005) Standard Specification for Seamless Copper Tube, Bright Annealed (Metric)
ASTM B 69	(2008) Standard Specification for Rolled Zinc
ASTM B 695	(2004) Standard Specification for Coatings of Zinc Mechanically Deposited on Iron and Steel
ASTM B 696	(2000; R 2004e1) Standard Specification for Coatings of Cadmium Mechanically Deposited
ASTM B 725	(2005) Standard Specification for Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Pipe
ASTM B 745/B 745M	(1997; R 2005) Standard Specification for Corrugated Aluminum Pipe for Sewers and Drains
ASTM B 749	(2003) Standard Specification for Lead and Lead Alloy Strip, Sheet and Plate Products
ASTM B 75	(2002) Standard Specification for Seamless Copper Tube
ASTM B 75M	(1999; R 2005) Standard Specification for Seamless Copper Tube (Metric)

ASTM B 763	(2008a) Standard Specification for Copper Alloy Sand Castings for Valve Application
ASTM B 766	(1986; R 2008) Standard Specification for Electrodeposited Coatings of Cadmium
ASTM B 775	(2008) General Requirements for Nickel and Nickel Alloy Welded Pipe
ASTM B 8	(2004) Standard Specification for Concentric-Lay-Stranded Copper Conductors, Hard, Medium-Hard, or Soft
ASTM B 800	(2005) Standard Specification for 8000 Series Aluminum Alloy Wire for Electrical Purposes-Annealed and Intermediate Tempers
ASTM B 801	(2007) Standard Specification for Concentric-Lay-Stranded Conductors of 8000 Series Aluminum Alloy for Subsequent Covering or Insulation
ASTM B 806	(2008a) Standard Specification for Copper Alloy Permanent Mold Castings for General Applications
ASTM B 813	(2000; R 2009) Standard Specification for Liquid and Paste Fluxes for Soldering of Copper and Copper Alloy Tube
ASTM B 819	(2000; R 2006) Standard Specification for Seamless Copper Tube for Medical Gas Systems
ASTM B 823	(2001) Standard Specification for Materials for Nonferrous Powder Metallurgy (P/M) Structural Parts
ASTM B 824	(2009) General Requirements for Copper Alloy Castings
ASTM B 828	(2002) Standard Practice for Making Capillary Joints by Soldering of Copper and Copper Alloy Tube and Fittings
ASTM B 829	(2004a; R 2009) General Requirements for Nickel and Nickel Alloys Seamless Pipe and Tube
ASTM B 837	(2001) Standard Specification for Seamless Copper Tube for Natural Gas and Liquified Petroleum (LP) Gas Fuel Distribution Systems
ASTM B 843	(2007) Standard Specification for Magnesium Alloy Anodes for Cathodic Protection
ASTM B 85/B 85M	(2009) Standard Specification for Aluminum-Alloy Die Castings
ASTM B 86	(2009) Standard Specification for Zinc and Zinc-Aluminum (ZA) Alloy Foundry and Die Castings

ASTM B 88	(2003) Standard Specification for Seamless Copper Water Tube
ASTM B 88M	(2005) Standard Specification for Seamless Copper Water Tube (Metric)
ASTM B 98/B 98M	(2008) Standard Specification for Copper-Silicon Alloy Rod, Bar, and Shapes
ASTM C 1002	(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 C 1012	(2004) Standard Test Method for Length Change of Hydraulic-Cement Mortars Exposed to a Sulfate Solution
ASTM C 1015	(2006) Standard Practice for Installation of Cellulosic and Mineral Fiber Loose-Fill Thermal Insulation
ASTM C 1017/C 1017M	(2007) Standard Specification for Chemical Admixtures for Use in Producing Flowing Concrete
ASTM C 1019	(2009) Standard Test Method for Sampling and Testing Grout
ASTM C 1026	(1987; R 2002) Standard Test Method for Measuring the Resistance of Ceramic Tile to Freeze-Thaw Cycling
ASTM C 1027	(1999; R 2004) Standard Test Method for Determining Visible Abrasion Resistance of Glazed Ceramic Tile
ASTM C 1028	(2007) 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 C 1032	(2006) Standard Specification for Woven Wire Plaster Base
ASTM C 1036	(2006) Standard Specification for Flat Glass
ASTM C 1040/C 1040M	(2008) Standard Test Methods for In-Place Density of Unhardened and Hardened Concrete, Including Roller Compacted Concrete, by Nuclear Methods
ASTM C 1047	(2009) Standard Specification for Accessories for Gypsum Wallboard and Gypsum Veneer Base
ASTM C 1048	(2004) Standard Specification for Heat-Treated Flat Glass - Kind HS, Kind FT Coated and Uncoated Glass
ASTM C 1050	(1991) Standard Specification for Rigid Cellular Polystyrene-Cellulosic Fiber Composite Roof

## Insulation

ASTM C 1053	(2000; R 2005) Standard Specification for Borosilicate Glass Pipe and Fittings for Drain, Waste, and Vent (DWV) Applications
ASTM C 1059/C 1059M	(1999; R 2008) Standard Specification for Latex Agents for Bonding Fresh to Hardened Concrete
ASTM C 1063	(2008) Standard Practice for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster
ASTM C 1064/C 1064M	(2008) Standard Test Method for Temperature of Freshly Mixed Hydraulic-Cement Concrete
ASTM C 1069	(2009) Standard Test Method for Specific Surface Area of Alumina or Quartz by Nitrogen Adsorption
ASTM C 1071	(2005e1) Standard Specification for Fibrous Glass Duct Lining Insulation (Thermal and Sound Absorbing Material)
ASTM C 1072	(2006) Standard Test Method for Measurement of Masonry Flexural Bond Strength
ASTM C 1074	(2004) Standard Practice for Estimating Concrete Strength by the Maturity Method
ASTM C 1077	(2008a) Standard Practice for Laboratories Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Laboratory Evaluation
ASTM C 1084	(2002) Standard Specification for Portland-Cement Content of Hardened Hydraulic-Cement Concrete
ASTM C 1088	(2009) Standard Specification for Thin Veneer Brick Units Made From Clay or Shale
ASTM C 1089	(2006) Standard Specification for Spun Cast Prestressed Concrete Poles
ASTM C 109/C 109M	(2008) Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or (50-mm) Cube Specimens)
ASTM C 11	(2008c) Standard Terminology Relating to Gypsum and Related Building Materials and Systems
ASTM C 110	(2009) Standard Test Methods for Physical Testing of Quicklime, Hydrated Lime, and Limestone
ASTM C 1103	(2003) Standard Practice for Joint Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines
ASTM C 1103M	(2003; R 2009) Standard Practice for Joint

	Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines (Metric)
ASTM C 1107/C 1107M	(2008) Standard Specification for Packaged Dry, Hydraulic-Cement Grout (Nonshrink)
ASTM C 1116/C 1116M	(2008a) Standard Specification for Fiber-Reinforced Concrete
ASTM C 1126	(2004) Standard Specification for Faced or Unfaced Rigid Cellular Phenolic Thermal Insulation
ASTM C 1136	(2008) Standard Specification for Flexible, Low Permeance Vapor Retarders for Thermal Insulation
ASTM C 114	(2009) Standard Test Methods for Chemical Analysis of Hydraulic Cement
ASTM C 1140	(2003a) Standard Practice for Preparing and Testing Specimens from Shotcrete Test Panels
ASTM C 1141/C 1141M	(2008) Standard Specification for Admixtures for Shotcrete
ASTM C 1142	(1995; R 2007) Standard Specification for Extended Life Mortar for Unit Masonry
ASTM C 1147	(2001; R 2006) Standard Practice for Determining the Short Term Tensile Weld Strength of Chemical-Resistant Thermoplastics
ASTM C 115	(1996a; R 2003) Standard Test Method for Fineness of Portland Cement by the Turbidimeter
ASTM C 1153	(1997; R 2003e1) Standard Practice for Location of Wet Insulation in Roofing Systems Using Infrared Imaging
ASTM C 1157	(2008a) Standard Specification for Hydraulic Cement
ASTM C 1167	(2003; R 2009) Standard Specification for Clay Roof Tiles
ASTM C 117	(2004) Standard Test Method for Materials Finer than 75-um (No. 200) Sieve in Mineral Aggregates by Washing
ASTM C 1172	(2009) Standard Specification for Laminated Architectural Flat Glass
ASTM C 1177/C 1177M	(2008) Standard Specification for Glass Mat Gypsum Substrate for Use as Sheathing
ASTM C 1178/C 1178M	(2008) Standard Specification for Glass Mat Water-Resistant Gypsum Backing Panel
ASTM C 1184	(2005) Standard Specification for Structural

## Silicone Sealants

ASTM C 1186	(2008) Standard Specification for Flat Non-Asbestos Fiber Cement Sheets
ASTM C 12	(2008) Standard Practice for Installing Vitrified Clay Pipe Lines
ASTM C 1202	(2009) Standard Test Method for Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration
ASTM C 1208/C 1208M	(2008) Standard Specification for Vitrified Clay Pipe and Joints for Use in Microtunneling, Sliplining, Pipe Bursting and Tunnels
ASTM C 1218/C 1218M	(1999; R 2008) Standard Specification for Water-Soluble Chloride in Mortar and Concrete
ASTM C 123	(2004) Standard Test Method for Lightweight Particles in Aggregate
ASTM C 1240	(2005) Standard Specification for Silica Fume Used in Cementitious Mixtures
ASTM C 1244	(2005e1) Standard Test Method for Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test Prior to Backfill
ASTM C 1244M	(2005e1) Standard Test Method for Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test Prior to Backfill (Metric)
ASTM C 125	(2007) Standard Terminology Relating to Concrete and Concrete Aggregates
ASTM C 1252	(2006) Standard Test Methods for Uncompacted Void Content of Fine Aggregate (as Influenced by Particle Shape, Surface Texture, and Grading)
ASTM C 126	(2009) Standard Specification for Ceramic Glazed Structural Clay Facing Tile, Facing Brick, and Solid Masonry Units
ASTM C 1260	(2007) Standard Test Method for Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)
ASTM C 1262	(2008a) Standard Test Method for Evaluating the Freeze-Thaw Durability of Manufactured Concrete Masonry Units and Related Concrete Units
ASTM C 127	(2007) Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate
ASTM C 1278/C 1278M	(2007) Standard Specification for Fiber-Reinforced Gypsum Panel

ASTM C 128	(2007a) Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Fine Aggregate
ASTM C 1289	(2008) Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board
ASTM C 129	(2006) Standard Specification for Nonloadbearing Concrete Masonry Units
ASTM C 1290	(2006e1) Standard Specification for Flexible Fibrous Glass Blanket Insulation Used to Externally Insulate HVAC Ducts
ASTM C 131	(2006) Standard Test Method for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
ASTM C 1311	(2002) Standard Specification for Solvent Release Agents
ASTM C 1315	(2008) Standard Specification for Liquid Membrane-Forming Compounds Having Special Properties for Curing and Sealing Concrete
ASTM C 1324	(2005) Standard Test Method for Examination and Analysis of Hardened Masonry Mortar
ASTM C 1325	(2008b) Standard Specification for Non-Asbestos Fiber-Mat Reinforced Cement Substrate Sheets
ASTM C 1330	(2002; R 2007) Standard Specification for Cylindrical Sealant Backing for Use with Cold Liquid-Applied Sealants
ASTM C 136	(2006) Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates
ASTM C 1363	(2005) Standard Test Method for Thermal Performance of Building Materials and Envelope Assemblies by Means of a Hot Box Apparatus
ASTM C 1372	(2004e1e2) Standard Specification for Segmental Retaining Wall Units
ASTM C 138/C 138M	(2009) Standard Test Method for Density ("Unit Weight"), Yield, and Air Content (Gravimetric) of Concrete
ASTM C 139	(2005) Standard Specification for Concrete Masonry Units for Construction of Catch Basins and Manholes
ASTM C 1396/C 1396M	(2006a) Standard Specification for Gypsum Board
ASTM C 14	(2007) Standard Specification for Concrete Sewer, Storm Drain, and Culvert Pipe



ASTM C 140	(2008a) Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units
ASTM C 142	(1997; R 2004) Standard Test Method for Clay Lumps and Friable Particles in Aggregates
ASTM C 1427	(2007) Specification for Preformed Flexible Cellular Polyolefin Thermal Insulation in Sheet and Tubular Form
ASTM C 143/C 143M	(2008) Standard Test Method for Slump of Hydraulic-Cement Concrete
ASTM C 1433	(2008) Standard Specification for Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers
ASTM C 1433M	(2008a) Standard Specification for Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers (Metric)
ASTM C 1435/C 1435M	(2008) Standard Practice for Molding Roller-Compacted Concrete in Cylinder Molds Using a Vibrating Hammer
ASTM C 1438	(1999; R 2005e1) Standard Specification for Latex and Powder Polymer Modifiers for Hydraulic Cement Concrete and Mortar
ASTM C 144	(2004) Standard Specification for Aggregate for Masonry Mortar
ASTM C 1478	(2008) Standard Specification for Storm Drain Resilient Connectors Between Reinforced Concrete Storm Sewer Structures, Pipes and Laterals
ASTM C 1478M	(2008a) Standard Specification for Storm Drain Resilient Connectors Between Reinforced Concrete Storm Sewer Structures, Pipes and Laterals (Metric)
ASTM C 14M	(2007) Standard Specification for Concrete Sewer, Storm Drain, and Culvert Pipe (Metric)
ASTM C 150	(2007) Standard Specification for Portland Cement
ASTM C 151/C 151M	(2009) Standard Test Method for Autoclave Expansion of Hydraulic Cement
ASTM C 1515	(2001) Standard Guide for Cleaning of Exterior Dimension Stone, Vertical and Horizontal Surfaces, New or Existing
ASTM C 155	(1997; R 2007) Standard Specification for Insulating Firebrick
ASTM C 156	(2005) Standard Test Method for Water Retention by Concrete Curing Materials

ASTM C 1567	(2008) Standard Test Method for Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)
ASTM C 157/C 157M	(2008) Standard Test Method for Length Change of Hardened Hydraulic-Cement Mortar and Concrete
ASTM C 158	(2002; R 2007) Strength of Glass by Flexure (Determination of Modulus of Rupture)
ASTM C 1581	(2004) Standard Test Method for Determining Age at Cracking and Induced Tensile Stress Characteristics of Mortar and Concrete under Restrained Shrinkage
ASTM C 159	(2006) Standard Specification for Vitrified Clay Filter Blocks
ASTM C 1602/C 1602M	(2006) Standard Specification for Mixing Water Used in Production of Hydraulic Cement Concrete
ASTM C 1609/C 1609M	(2007) Standard Test Method for Flexural Performance of Fiber-Reinforced Concrete (Using Beam with Third-Point Loading)
ASTM C 1646/C 1646M	(2008a) Making and Curing Test Specimens for Evaluating Frost Resistance of Coarse Aggregate in Air-Entrained Concrete by Rapid Freezing and Thawing
ASTM C 165	(2007) Standard Test Method for Measuring Compressive Properties of Thermal Insulations
ASTM C 171	(2007) Standard Specification for Sheet Materials for Curing Concrete
ASTM C 172	(2008) Standard Practice for Sampling Freshly Mixed Concrete
ASTM C 173/C 173M	(2009) Standard Test Method for Air Content of Freshly Mixed Concrete by the Volumetric Method
ASTM C 174/C 174M	(2006) Standard Test Method for Measuring Thickness of Concrete Elements Using Drilled Concrete Cores
ASTM C 177	(2004) Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded-Hot-Plate Apparatus
ASTM C 183	(2008) Standard Practice for Sampling and the Amount of Testing of Hydraulic Cement
ASTM C 185	(2008) Standard Test Method for Air Content of Hydraulic Cement Mortar
ASTM C 186	(2005) Standard Test Method for Heat of Hydration of Hydraulic Cement

ASTM C 188	(1995; R 2003) Standard Test Method for Density of Hydraulic Cement
ASTM C 191	(2008) Standard Test Method for Time of Setting Hydraulic Cement by Vicat Needle
ASTM C 192/C 192M	(2007) Standard Practice for Making and Curing Concrete Test Specimens in the Laboratory
ASTM C 195	(2000) Standard Specification for Mineral Fiber Thermal Insulating Cement
ASTM C 196	(2000; R 2005) Standard Specification for Expanded or Exfoliated Vermiculite Thermal Insulating Cement
ASTM C 203	(2005a) Breaking Load and Flexural Properties of Block-Type Thermal Insulation
ASTM C 204	(2007) Standard Test Method for Fineness of Hydraulic Cement by Air Permeability Apparatus
ASTM C 206	(2003) Standard Specification for Finishing Hydrated Lime
ASTM C 207	(2006) Standard Specification for Hydrated Lime for Masonry Purposes
ASTM C 208	(2008a) Cellulosic Fiber Insulating Board
ASTM C 216	(2007a) Facing Brick (Solid Masonry Units Made from Clay or Shale)
ASTM C 220	(1991; R 2004e1) Standard Specification for Flat Asbestos-Cement Sheets
ASTM C 231	(2009) Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method
ASTM C 232/C 232M	(2009) Standard Test Methods for Bleeding of Concrete
ASTM C 233	(2007) Standard Test Method for Air-Entraining Admixtures for Concrete
ASTM C 234	(1991a) Comparing Concretes on the Basis of the Bond Developed with Reinforcing Steel
ASTM C 241/C 241M	(2009) Standard Specification for Abrasion Resistance of Stone Subjected to Foot Traffic
ASTM C 25	(2006) Standard Test Method for Chemical Analysis of Limestone, Quicklime, and Hydrated Lime
ASTM C 260	(2006) Standard Specification for Air-Entraining Admixtures for Concrete
ASTM C 266	(2008) Standard Test Method for Time of Setting of

	Hydraulic-Cement Paste by Gillmore Needles
ASTM C 267	(2001; R 2006) Chemical Resistance of Mortars, Grouts, and Monolithic Surfacing and Polymer Concretes
ASTM C 27	(1998; R 2008) Fireclay and High-Alumina Refractory Brick
ASTM C 270	(2008a) Standard Specification for Mortar for Unit Masonry
ASTM C 272	(2001; R 2007) Water Absorption of Core Materials for Structural Sandwich Constructions
ASTM C 273/C 273M	(2007a) Shear Properties of Sandwich Core Materials
ASTM C 28/C 28M	(2000; R 2005) Gypsum Plasters
ASTM C 286	(1999; 2004) Standard Terminology Relating to Porcelain Enamel and Ceramic-Metal Systems
ASTM C 289	(2007) Standard Test Method for Potential Alkali-Silica Reactivity of Aggregates (Chemical Method)
ASTM C 29/C 29M	(2007) Standard Test Method for Bulk Density ("Unit Weight") and Voids in Aggregate
ASTM C 294	(2005) Standard Descriptive Nomenclature for Constituents of Concrete Aggregates
ASTM C 295	(2008) Petrographic Examination of Aggregates for Concrete
ASTM C 297/C 297M	(2004) Flatwise Tensile Strength of Sandwich Constructions
ASTM C 301	(2004) Vitrified Clay Pipe
ASTM C 307	(2003; R 2008) Tensile Strength of Chemical-Resistant Mortar, Grouts, and Monolithic Surfacing
ASTM C 309	(2007) Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete
ASTM C 31/C 31M	(2009) Standard Practice for Making and Curing Concrete Test Specimens in the Field
ASTM C 311	(2007) Sampling and Testing Fly Ash or Natural Pozzolans for Use as a Mineral Admixture in Portland-Cement Concrete
ASTM C 315	(2007) Clay Flue Linings
ASTM C 317/C 317M	(2000; R 2005) Gypsum Concrete

ASTM C 32	(2009) Standard Specification for Sewer and Manhole Brick (Made from Clay or Shale)
ASTM C 33/C 33M	(2008) Standard Specification for Concrete Aggregates
ASTM C 330	(2005) Standard Specification for Lightweight Aggregates for Structural Concrete
ASTM C 332	(2007) Lightweight Aggregates for Insulating Concrete
ASTM C 338	(1993; R 2008) Standard Test Method Softening Point of Glass
ASTM C 34	(2003) Structural Clay Load-Bearing Wall Tile
ASTM C 35	(2001; R 2005) Inorganic Aggregates for Use in Gypsum Plaster
ASTM C 36/C 36M	(2003e1) Gypsum Wallboard
ASTM C 361	(2008) Standard Specification for Reinforced Concrete Low-Head Pressure Pipe
ASTM C 361M	(2008) Standard Specification for Reinforced Concrete Low-Head Pressure Pipe (Metric)
ASTM C 373	(1988; R 2006) Water Absorption, Bulk Density, Apparent Porosity, and Apparent Specific Gravity of Fired Whiteware Products
ASTM C 387/C 387M	(2009) Standard Specification for Packaged, Dry, Combined Materials for Mortar and Concrete
ASTM C 39/C 39M	(2005e1e2) Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens
ASTM C 395	(2001; R 2006) Chemical-Resistant Resin Mortars
ASTM C 4	(2004; R 2005) Clay Drain Tile and Perforated Clay Drain Tile
ASTM C 40	(2004) Standard Test Method for Organic Impurities in Fine Aggregates for Concrete
ASTM C 401	(1991; R 2005) Alumina and Alumina-Silicate Castable Refractories
ASTM C 403/C 403M	(2008) Standard Test Method for Time of Setting of Concrete Mixtures by Penetration Resistance
ASTM C 404	(2007) Standard Specification for Aggregates for Masonry Grout
ASTM C 406	(2006e1) Roofing Slate

ASTM C 412	(2005a) Concrete Drain Tile
ASTM C 412M	(2005a) Concrete Drain Tile (Metric)
ASTM C 413	(2001; R 2006) Absorption of Chemical-Resistant Mortars, Grouts, and Monolithic Surfacing and Polymer Concretes
ASTM C 42/C 42M	(2004) Standard Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete
ASTM C 423	(2008a) Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method
ASTM C 425	(2004) Standard Specification for Compression Joints for Vitrified Clay Pipe and Fittings
ASTM C 430	(2008) Fineness of Hydraulic Cement by the 45-Micrometer (No. 325) Sieve
ASTM C 441	(2005) Effectiveness of Pozzolans or Ground Blast-Furnace Slag in Preventing Excessive Expansion of Concrete Due to the Alkali-Silica Reaction
ASTM C 442/C 442M	(2004e1) Gypsum Backing Board, Gypsum Coreboard, and Gypsum Shaftliner Board
ASTM C 443	(2005a) Standard Specification for Joints for Concrete Pipe and Manholes, Using Rubber Gaskets
ASTM C 443M	(2007) Standard Specification for Joints for Concrete Pipe and Manholes, Using Rubber Gaskets (Metric)
ASTM C 444	(2003; R 2009) Perforated Concrete Pipe
ASTM C 444M	(2003; R 2009) Perforated Concrete Pipe (Metric)
ASTM C 449	(2007) Standard Specification for Mineral Fiber Hydraulic-Setting Thermal Insulating and Finishing Cement
ASTM C 451	(2008) Standard Test Method for Early Stiffening of Hydraulic Cement (Paste Method)
ASTM C 457	(2008d) Microscopical Determination of Parameters of the Air-Void System in Hardened Concrete
ASTM C 469	(2002e1) Static Modulus of Elasticity and Poisson's Ratio of Concrete in Compression
ASTM C 472	(1999; R 2004) Physical Testing of Gypsum, Gypsum Plasters and Gypsum Concrete
ASTM C 473	(2007) Physical Testing of Gypsum Panel Products

ASTM C 475/C 475M	(2002; R 2007) Joint Compound and Joint Tape for Finishing Gypsum Board
ASTM C 476	(2008) Standard Specification for Grout for Masonry
ASTM C 478	(2009) Standard Specification for Precast Reinforced Concrete Manhole Sections
ASTM C 478M	(2009) Standard Specification for Precast Reinforced Concrete Manhole Sections (Metric)
ASTM C 481	(1999; R 2005) Standard Test Method Laboratory Aging of Sandwich Constructions
ASTM C 482	(2002; R 2009) Bond Strength of Ceramic Tile to Portland Cement
ASTM C 494/C 494M	(2008a) Standard Specification for Chemical Admixtures for Concrete
ASTM C 495	(2007) Compressive Strength of Lightweight Insulating Concrete
ASTM C 496/C 496M	(2004e1) Standard Test Method for Splitting Tensile Strength of Cylindrical Concrete Specimens
ASTM C 497	(2005) Concrete Pipe, Manhole Sections, or Tile
ASTM C 497M	(2005) Concrete Pipe, Manhole Sections, or Tile (Metric)
ASTM C 50	(2000; R 2006) Sampling, Sample Preparation, Packaging, and Marking of Lime and Limestone Products
ASTM C 501	(1984; R 2002) Relative Resistance to Wear of Unglazed Ceramic Tile by the Taber Abraser
ASTM C 506	(2009) Standard Specification for Reinforced Concrete Arch Culvert, Storm Drain, and Sewer Pipe
ASTM C 506M	(2009) Standard Specification for Reinforced Concrete Arch Culvert, Storm Drain, and Sewer Pipe (Metric)
ASTM C 507	(2009) Standard Specification for Reinforced Concrete Elliptical Culvert, Storm Drain, and Sewer Pipe
ASTM C 507M	(2009) Standard Specification for Reinforced Concrete Elliptical Culvert, Storm Drain, and Sewer Pipe (Metric)
ASTM C 508	(2000; R 2004) Asbestos-Cement Underdrain Pipe
ASTM C 509	(2006) Elastomeric Cellular Preformed Gasket and Sealing Material

ASTM C 513	(1989; R 1995) Obtaining and Testing Specimens of Hardened Lightweight Insulating Concrete for Compressive Strength
ASTM C 514	(2004) Standard Specification for Nails for the Application of Gypsum Board
ASTM C 516	(2008) Vermiculite Loose Fill Thermal Insulation
ASTM C 518	(2004) Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus
ASTM C 531	(2000; R 2005) Linear Shrinkage and Coefficient of Thermal Expansion of Chemical-Resistant Mortars, Grouts, and Monolithic Surfacing, and Polymer Concretes
ASTM C 533	(2009) Standard Specification for Calcium Silicate Block and Pipe Thermal Insulation
ASTM C 534/C 534M	(2008) Standard Specification for Preformed Flexible Elastomeric Cellular Thermal Insulation in Sheet and Tubular Form
ASTM C 535	(2003e1) Standard Test Method for Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
ASTM C 542	(2005) Lock-Strip Gaskets
ASTM C 547	(2008e1) Standard Specification for Mineral Fiber Pipe Insulation
ASTM C 549	(2006) Perlite Loose Fill Insulation
ASTM C 55	(2006e1) Concrete Brick
ASTM C 552	(2007) Standard Specification for Cellular Glass Thermal Insulation
ASTM C 553	(2008) Standard Specification for Mineral Fiber Blanket Thermal Insulation for Commercial and Industrial Applications
ASTM C 557	(2003e1) Adhesives for Fastening Gypsum Wallboard to Wood Framing
ASTM C 564	(2008) Standard Specification for Rubber Gaskets for Cast Iron Soil Pipe and Fittings
ASTM C 566	(1997; R 2004) Standard Test Method for Total Evaporable Moisture Content of Aggregate by Drying
ASTM C 567	(2005a) Determining Density of Structural Lightweight Concrete
ASTM C 578	(2009e1) Standard Specification for Rigid, Cellular



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ASTM C 579	(2001; R 2006) Compressive Strength of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes
ASTM C 580	(2002; R 2008) Flexural Strength and Modulus of Elasticity of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes
ASTM C 581	(2003; R 2008e1) Standard Practice for Determining Chemical Resistance of Thermosetting Resins Used in Glass-Fiber-Reinforced Structures, Intended for Liquid Service
ASTM C 582	(2009) Contact-Molded Reinforced Thermosetting Plastic (RTP) Laminates for Corrosion-Resistant Equipment
ASTM C 587	(2004) Gypsum Veneer Plaster
ASTM C 588/C 588M	(2003e1) Gypsum Base for Veneer Plasters
ASTM C 59/C 59M	(2000; R 2006) Gypsum Casting Plaster and Gypsum Molding Plaster
ASTM C 591	(2008a) Standard Specification for Unfaced Preformed Rigid Cellular Polyisocyanurate Thermal Insulation
ASTM C 592	(2008a) Standard Specification for Mineral Fiber Blanket Insulation and Blanket-Type Pipe Insulation (Metal-Mesh Covered) (Industrial Type)
ASTM C 593	(2006) Fly Ash and Other Pozzolans for Use with Lime
ASTM C 595	(2008a) Standard Specification for Blended Hydraulic Cements
ASTM C 596	(2007) Drying Shrinkage of Mortar Containing Hydraulic Cement
ASTM C 597	(2002) Pulse Velocity Through Concrete
ASTM C 600	(1985; R 2005) Thermal Shock Test on Glass Pipe
ASTM C 602	(2007) Agricultural Liming Materials
ASTM C 603	(2004; R 2008) Extrusion Rate and Application Life of Elastomeric Sealants
ASTM C 61/C 61M	(2000; R 2006) Gypsum Keene's Cement
ASTM C 610	(2009) Standard Specification for Molded Expanded Perlite Block and Pipe Thermal Insulation
ASTM C 612	(2004e1) Mineral Fiber Block and Board Thermal

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ASTM C 618	(2008a) Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete
ASTM C 62	(2008) Building Brick (Solid Masonry Units Made from Clay or Shale)
ASTM C 631	(2009) Bonding Compounds for Interior Gypsum Plastering
ASTM C 635/C 635M	(2007) Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and Lay-In Panel Ceilings
ASTM C 636/C 636M	(2008) Standard Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-In Panels
ASTM C 639	(2001; R 2007) Rheological (Flow) Properties of Elastomeric Sealants
ASTM C 641	(2007) Staining Materials in Lightweight Concrete Aggregates
ASTM C 642	(2006) Density, Absorption, and Voids in Hardened Concrete
ASTM C 645	(2008a) Nonstructural Steel Framing Members
ASTM C 647	(2008) Properties and Tests of Mastics and Coating Finishes for Thermal Insulation
ASTM C 648	(2004; R 2009) Breaking Strength of Ceramic Tile
ASTM C 652	(2009) Hollow Brick (Hollow Masonry Units Made from Clay or Shale)
ASTM C 654	(2005a) Porous Concrete Pipe
ASTM C 654M	(2005a) Porous Concrete Pipe (Metric)
ASTM C 655	(2009) Reinforced Concrete D-Load Culvert, Storm Drain, and Sewer Pipe
ASTM C 658	(1998; R 2008) Chemical-Resistant Resin Grouts for Brick or Tile
ASTM C 661	(2006) Indentation Hardness of Elastomeric-Type Sealants by Means of a Durometer
ASTM C 665	(2006) Mineral-Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing
ASTM C 666/C 666M	(2003; R 2008) Resistance of Concrete to Rapid Freezing and Thawing

ASTM C 669	(2000) Glazing Compounds for Back Bedding and Face Glazing of Metal Sash
ASTM C 67	(2009) Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile
ASTM C 672/C 672M	(2003) Scaling Resistance of Concrete Surfaces Exposed to Deicing Chemicals
ASTM C 679	(2003e1; R 2009) Tack-Free Time of Elastomeric Sealants
ASTM C 684	(1999; R 2003) Making, Accelerated Curing, and Testing Concrete Compression Test Specimens
ASTM C 685/C 685M	(2007) Concrete Made by Volumetric Batching and Continuous Mixing
ASTM C 70	(2006) Standard Test Method for Surface Moisture in Fine Aggregate
ASTM C 700	(2007a) Standard Specification for Vitrified Clay Pipe, Extra Strength, Standard Strength, and Perforated
ASTM C 702	(1998; R 2003) Reducing Samples of Aggregate to Testing Size
ASTM C 719	(1993; R 2005) Adhesion and Cohesion of Elastomeric Joint Sealants Under Cyclic Movement (Hockman Cycle)
ASTM C 722	(2004) Chemical-Resistant Resin Monolithic Surfacing
ASTM C 726	(2005e1) Mineral Fiber Roof Insulation Board
ASTM C 728	(2005) Perlite Thermal Insulation Board
ASTM C 73	(2005) Calcium Silicate Brick (Sand-Lime Brick)
ASTM C 732	(2006) Aging Effects of Artificial Weathering on Latex Sealants
ASTM C 734	(2006) Low-Temperature Flexibility of Latex Sealants After Artificial Weathering
ASTM C 739	(2008) Cellulosic Fiber Loose-Fill Thermal Insulation
ASTM C 744	(2008) Prefaced Concrete and Calcium Silicate Masonry Units
ASTM C 754	(2009) Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products
ASTM C 76	(2008a) Standard Specification for Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe

ASTM C 764	(2007) Mineral Fiber Loose-Fill Thermal Insulation
ASTM C 76M	(2008a) Standard Specification for Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe (Metric)
ASTM C 779/C 779M	(2005) Abrasion Resistance of Horizontal Concrete Surfaces
ASTM C 78	(2008) Standard Test Method for Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)
ASTM C 780	(2009) Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry
ASTM C 792	(2004; R 2008) Effects of Heat Aging on Weight Loss, Cracking, and Chalking of Elastomeric Sealants
ASTM C 793	(2005) Effects of Accelerated Weathering on Elastomeric Joint Sealants
ASTM C 795	(2008) Standard Specification for Thermal Insulation for Use in Contact with Austenitic Stainless Steel
ASTM C 796	(2004) Foaming Agents for Use in Producing Cellular Concrete Using Preformed Foam
ASTM C 803/C 803M	(2003) Penetration Resistance of Hardened Concrete
ASTM C 805/C 805M	(2008) Rebound Number of Hardened Concrete
ASTM C 823/C 823M	(2007) Examination and Sampling of Hardened Concrete in Construction
ASTM C 827	(2001a; R 2005) Change in Height at Early Ages of Cylindrical Specimens from Cementitious Mixtures
ASTM C 828	(2006) Low-Pressure Air Test of Vitrified Clay Pipe Lines
ASTM C 834	(2005) Latex Sealants
ASTM C 836	(2006) High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use With Separate Wearing Course
ASTM C 840	(2008) Application and Finishing of Gypsum Board
ASTM C 841	(2003e1; R 2008) Installation of Interior Lathing and Furring
ASTM C 842	(2005) Application of Interior Gypsum Plaster
ASTM C 843	(1999; R 2006) Application of Gypsum Veneer Plaster

ASTM C 844	(2004) Application of Gypsum Base to Receive Gypsum Veneer Plaster
ASTM C 847	(2009) Standard Specification for Metal Lath
ASTM C 856	(2004) Petrographic Examination of Hardened Concrete
ASTM C 857	(2007) Standard Practice for Minimum Structural Design Loading for Underground Precast Concrete Utility Structures
ASTM C 864	(2005) Dense Elastomeric Compression Seal Gaskets, Setting Blocks, and Spacers
ASTM C 869	(1991; R 2006) Foaming Agents Used in Making Preformed Foam for Cellular Concrete
ASTM C 87	(2005) Effect of Organic Impurities in Fine Aggregate on Strength of Mortar
ASTM C 877	(2008) External Sealing Bands for Concrete Pipe, Manholes, and Precast Box Sections
ASTM C 877M	(2002; E 2005) External Sealing Bands for Concrete Pipe, Manholes, and Precast Box Sections (Metric)
ASTM C 88	(2005) Standard Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate
ASTM C 881/C 881M	(2002) Standard Specification for Epoxy-Resin-Base Bonding Systems for Concrete
ASTM C 882/C 882M	(2005e1) Bond Strength of Epoxy-Resin Systems Used with Concrete by Slant Shear
ASTM C 884/C 884M	(1998; R 2005) Thermal Compatibility between Concrete and Epoxy-Resin Overlay
ASTM C 891	(1990; R 2003) Installation of Underground Precast Concrete Utility Structures
ASTM C 897	(2005) Aggregate for Job-Mixed Portland Cement-Based Plasters
ASTM C 90	(2009) Loadbearing Concrete Masonry Units
ASTM C 91	(2005) Masonry Cement
ASTM C 916	(1985; R 2007) Standard Specification for Adhesives for Duct Thermal Insulation
ASTM C 919	(2008) Use of Sealants in Acoustical Applications
ASTM C 920	(2008) Standard Specification for Elastomeric Joint Sealants

ASTM C 921	(2009) Standard Practice for Determining the Properties of Jacketing Materials for Thermal Insulation
ASTM C 923	(2008) Standard Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures, Pipes and Laterals
ASTM C 923M	(2008b) Standard Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures, Pipes and Laterals (Metric)
ASTM C 924	(2002; R 2009) Testing Concrete Pipe Sewer Lines by Low-Pressure Air Test Method
ASTM C 924M	(2002; R 2009) Testing Concrete Pipe Sewer Liner by Low-Pressure Air Test Method (Metric)
ASTM C 926	(2006) Application of Portland Cement-Based Plaster
ASTM C 928/C 928M	(2008) Packaged, Dry, Rapid-Hardening Cementitious Materials for Concrete Repairs
ASTM C 930	(2005) Potential Health and Safety Concerns Associated with Thermal Insulation Materials and Accessories
ASTM C 932	(2006) Standard Specification for Surface-Applied Bonding Compounds for Exterior Plastering
ASTM C 933	(2007b) Welded Wire Lath
ASTM C 936	(2008) Solid Concrete Interlocking Paving Units
ASTM C 937	(2002) Grout Fluidifier for Preplaced-Aggregate Concrete
ASTM C 938	(2002) Proportioning Grout Mixtures for Preplaced-Aggregate Concrete
ASTM C 939	(2002) Flow of Grout for Preplaced-Aggregate Concrete (Flow Cone Method)
ASTM C 94/C 94M	(2009) Standard Specification for Ready-Mixed Concrete
ASTM C 940	(1998a; R 2003) Expansion and Bleeding of Freshly Mixed Grouts for Preplaced-Aggregate Concrete in the Laboratory
ASTM C 942	(1999; R 2004) Compressive Strength of Grouts for Preplaced-Aggregate Concrete in the Laboratory
ASTM C 943	(2002) Making Test Cylinders and Prisms for Determining Strength and Density of Preplaced-Aggregate Concrete in the Laboratory

ASTM C 944/C 944M	(1999; R 2005e1) Standard Test Method for Abrasion Resistance of Concrete or Mortar Surfaces by the Rotating-Cutter Method
ASTM C 953	(2006) Time of Setting of Grouts for Preplaced-Aggregate Concrete in the Laboratory
ASTM C 954	(2007) 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 C 955	(2009) 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 C 969	(2002) Standard Practice for Infiltration and Exfiltration Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines
ASTM C 969M	(2002) Standard Practice for Infiltration and Exfiltration Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines (Metric)
ASTM C 97/C 97M	(2009) Absorption and Bulk Specific Gravity of Dimension Stone
ASTM C 972	(2000; R 2006) Compression-Recovery of Tape Sealant
ASTM C 977	(2003) Quicklime and Hydrated Lime for Soil Stabilization
ASTM C 979	(2005) Pigments for Integrally Colored Concrete
ASTM C 989	(2009) Standard Specification for Ground Granulated Blast-Furnace Slag for Use in Concrete and Mortars
ASTM C 990	(2009) Standard Specification for Joints for Concrete Pipe, Manholes and Precast Box Sections Using Preformed Flexible Joint Sealants
ASTM C 990M	(2009) Standard Specification for Joints for Concrete Pipe, Manholes and Precast Box Sections Using Preformed Flexible Joint Sealants (Metric)
ASTM C 991	(2008e1) Flexible Glass Fiber Insulation for Metal Buildings
ASTM D 1002	(2005) Apparent Shear Strength of Single-Lap-Joint Adhesively Bonded Metal Specimens by Tension Loading (Metal-to-Metal)
ASTM D 1003	(2007e1) Haze and Luminous Transmittance of Transparent Plastics
ASTM D 1004	(2009) Initial Tear Resistance of Plastic Film and

## Sheeting

ASTM D 1037	(2006a) Evaluating Properties of Wood-Base Fiber and Particle Panel Materials
ASTM D 1044	(2008) Resistance of Transparent Plastics to Surface Abrasion
ASTM D 1045	(2008) Sampling and Testing Plasticizers Used in Plastics
ASTM D 1047	(2007) Poly(Vinyl Chloride) Jacket for Wire and Cable
ASTM D 1052	(2005) Measuring Rubber Deterioration-Cut Growth Using Ross Flexing Apparatus
ASTM D 1054	(2002; R 2007) Rubber Property - Resilience Using a Rebound Pendulum
ASTM D 1056	(2007) Standard Specification for Flexible Cellular Materials - Sponge or Expanded Rubber
ASTM D 1066	(2006) Sampling Steam
ASTM D 1073	(2007) Fine Aggregate for Bituminous Paving Mixtures
ASTM D 1117	(2001) Evaluating Nonwoven Fabrics
ASTM D 1139	(2000; R 2004) Aggregate for Single or Multiple Bituminous Surface Treatments
ASTM D 1140	(2000; R 2006) Amount of Material in Soils Finer than the No. 200 (75-micrometer) Sieve
ASTM D 1143/D 1143M	(2007e1) Piles Under Static Axial Compressive Load
ASTM D 1148	(2007a) Standard Test Method for Rubber Deterioration-Discoloration from Ultraviolet (UV) and Heat Exposure of Light-Colored Surfaces
ASTM D 1149	(2007) Standard Test Method for Rubber Deterioration - Surface Ozone Cracking in a Chamber
ASTM D 1152	(2006) Methanol (Methyl Alcohol)
ASTM D 1153	(2006) Methyl Isobutyl Ketone
ASTM D 117	(2002) Standard Guide for Sampling, Test Methods, Specifications and Guide for Electrical Insulating Oils of Petroleum Origin
ASTM D 1171	(1999; R 2007) Rubber Deterioration - Surface Ozone Cracking Outdoors or Chamber (Triangular Specimens)
ASTM D 1177	(2007) Freezing Point of Aqueous Engine Coolants



ASTM D 1179	(2004) Fluoride Ion in Water
ASTM D 1187	(1997; R 2002e1) Asphalt-Base Emulsions for Use as Protective Coatings for Metal
ASTM D 1188	(2007) Bulk Specific Gravity and Density of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens
ASTM D 1190	(1997) Standard Specification for Concrete Joint Sealer, Hot-Applied Elastic Type
ASTM D 1200	(1994; R 2005) Viscosity by Ford Viscosity Cup
ASTM D 1203	(1994; R 2003) Volatile Loss from Plastics Using Activated Carbon Methods
ASTM D 1204	(2008) Linear Dimensional Changes of Nonrigid Thermoplastic Sheeting or Film at Elevated Temperature
ASTM D 1210	(2005) Fineness of Dispersion of Pigment-Vehicle Systems by Hegman-Type Gage
ASTM D 1220	(1965; R 1990) Measurement and Calibration of Upright Cylindrical Tanks
ASTM D 1227	(1995; R 2007) Emulsified Asphalt Used as a Protective Coating for Roofing
ASTM D 123	(2007) Terminology Relating to Textiles
ASTM D 1238	(2004c) Melt Flow Rates of Thermoplastics by Extrusion Plastometer
ASTM D 1241	(2007) Materials for Soil-Aggregate Subbase, Base, and Surface Courses
ASTM D 1242	(1995a) Resistance of Plastic Materials to Abrasion
ASTM D 1248	(2005) Standard Specification for Polyethylene Plastics Extrusion Materials for Wire and Cable
ASTM D 1250	(2008) Standard Guide for Use of the Petroleum Measurement Tables
ASTM D 13	(2002) Standard Specification for Spirits of Turpentine
ASTM D 130	(2004e1) Standard Test Method for Corrosiveness to Copper from Petroleum Products by Copper Strip Test
ASTM D 1308	(2002; R 2007) Effect of Household Chemicals on Clear and Pigmented Organic Finishes
ASTM D 1310	(2001; R 2007) Flash Point and Fire Point of Liquids by Tag Open-Cup Apparatus

ASTM D 1327	(2004) Bitumen-Saturated Woven Burlap Fabrics Used in Roofing and Waterproofing
ASTM D 1330	(2004) Rubber Sheet Gaskets
ASTM D 1331	(1989; R 2001) Surface and Interfacial Tension of Solutions of Surface-Active Agents
ASTM D 1339	(1984) Sulfite Ion in Water
ASTM D 1384	(2005e1) Corrosion Test for Engine Coolants in Glassware
ASTM D 140	(2001; R 2007) Sampling Bituminous Materials
ASTM D 1401	(2002) Standard Test Method for Water Separability of Petroleum Oils and Synthetic Fluids
ASTM D 1418	(2006) Rubber and Rubber Latices - Nomenclature
ASTM D 1423	(2002; R 2008) Twist in Yarns by Direct-Counting
ASTM D 1429	(2008) Specific Gravity of Water and Brine
ASTM D 1435	(2005) Standard Practice for Outdoor Weathering of Plastics
ASTM D 1452	(2009) Soil Investigation and Sampling by Auger Borings
ASTM D 146	(2004) Sampling and Testing Bitumen-Saturated Felts and Woven Fabrics for Roofing and Waterproofing
ASTM D 1461	(1985; R 2006) Moisture or Volatile Distillates in Bituminous Paving Mixtures
ASTM D 1475	(1998; R 2008) Standard Test Method for Density of Liquid Coatings, Inks, and Related Products
ASTM D 149	(1997a; R 2004) Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials at Commercial Power Frequencies
ASTM D 1499	(2005) Filtered Open-Flame Carbon-Arc Type Exposures of Plastics
ASTM D 1505	(2003) Density of Plastics by the Density-Gradient Technique
ASTM D 1525	(2007) Vicat Softening Temperature of Plastics
ASTM D 1527	(1999; R 2005) Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe, Schedules 40 and 80
ASTM D 153	(1984; R 2008) Specific Gravity of Pigments

ASTM D 1533	(2000; R 2005) Standard Test Method for Water in Insulating Liquids by Coulometric Karl Fischer Titration
ASTM D 1535	(2008) Specifying Color by the Munsell System
ASTM D 1544	(2004) Standard Test Method for Color of Transparent Liquids (Gardner Color Scale)
ASTM D 1556	(2007) Density and Unit Weight of Soil in Place by the Sand-Cone Method
ASTM D 1557	(2007) Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft <sup>3</sup> ) (2700 kN-m/m <sup>3</sup> )
ASTM D 1559	(1989) Resistance to Plastic Flow of Bituminous Mixtures Using Marshall Apparatus
ASTM D 1560	(2009) Resistance to Deformation and Cohesion of Bituminous Mixtures by Means of Hveem Apparatus
ASTM D 1586	(2008a) Penetration Test and Split-Barrel Sampling of Soils
ASTM D 1587	(2008) Thin-Walled Tube Sampling of Soils for Geotechnical Purposes
ASTM D 1593	(1999) Standard Specification for Non-rigid Vinyl Chloride Plastic Film and Sheeting
ASTM D 1598	(2002; R 2008) Time-to-Failure of Plastic Pipe Under Constant Internal Pressure
ASTM D 1599	(2005) Resistance to Short-Time Hydraulic Failure Pressure of Plastic Pipe, Tubing, and Fittings
ASTM D 1603	(2006) Carbon Black Content in Olefin Plastics
ASTM D 1621	(2004a) Compressive Properties of Rigid Cellular Plastics
ASTM D 1622	(2008) Apparent Density of Rigid Cellular Plastics
ASTM D 1623	(2003) Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics
ASTM D 1625	(1971; R 2000) Standard Specifications for Chromated Copper Arsenate
ASTM D 1630	(2006) Rubber Property - Abrasion Resistance (Footwear Abrader)
ASTM D 1632	(2007) Making and Curing Soil-Cement Compression and Flexure Test Specimens in the Laboratory
ASTM D 1633	(2000; R 2007) Compressive Strength of Molded

## Soil-Cement Cylinders

ASTM D 1640	(2003) Drying, Curing, or Film Formation of Organic Coatings at Room Temperature
ASTM D 1652	(2004) Standard Test Method for Epoxy Content of Epoxy Resins
ASTM D 1653	(2003; R 2008) Water Vapor Transmission of Organic Coating Films
ASTM D 1654	(2008) Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments
ASTM D 1667	(2005) Flexible Cellular Materials - Poly (Vinyl Chloride) Foam (Closed-Cell)
ASTM D 1668	(1997a; R 2006) Glass Fabrics (Woven and Treated) for Roofing and Waterproofing
ASTM D 1682	(1964; R 1975e1) Test for Breaking Load and Elongation of Textile Fabrics
ASTM D 1693	(2008) Standard Test Method for Environmental Stress-Cracking of Ethylene Plastics
ASTM D 1710	(2008) Extruded and Compression Molded Polytetrafluoroethylene (PTFE) Rod and Heavy-Walled Tubing
ASTM D 173	(2003) Bitumen-Saturated Cotton Fabrics Used in Roofing and Waterproofing
ASTM D 1730	(2009) Standard Practices for Preparation of Aluminum and Aluminum-Alloy Surfaces for Painting
ASTM D 1731	(2009) Preparation of Hot-Dip Aluminum Surfaces for Painting
ASTM D 1735	(2008) Testing Water Resistance of Coatings Using Water Fog Apparatus
ASTM D 1751	(2004; R 2008) Standard Specification for Preformed Expansion Joint Filler for Concrete Paving and Structural Construction (Nonextruding and Resilient Bituminous Types)
ASTM D 1752	(2004a; R 2008) Standard Specification for Preformed Sponge Rubber Cork and Recycled PVC Expansion
ASTM D 1763	(2000; R 2005) Epoxy Resins
ASTM D 1777	(1996; R 2007) Thickness of Textile Materials
ASTM D 1784	(2008) Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated

Poly(Vinyl Chloride) (CPVC) Compounds

ASTM D 1785	(2006) Standard Specification for Poly(Vinyl Chloride) (PVC), Plastic Pipe, Schedules 40, 80, and 120
ASTM D 1790	(2008) Brittleness Temperature of Plastic Sheeting by Impact
ASTM D 1856	(1995a; R 2003) Recovery of Asphalt from Solution by Abson Method
ASTM D 1863	(2005) Mineral Aggregate Used on Built-Up Roofs
ASTM D 1864	(1989; R 2002) Moisture in Mineral Aggregate Used on Built-Up Roofs
ASTM D 1883	(2007e1) CBR (California Bearing Ratio) of Laboratory-Compacted Soils
ASTM D 1894	(2008) Static and Kinetic Coefficients of Friction of Plastic Film and Sheeting
ASTM D 1922	(2009) Propagation Tear Resistance of Plastic Film and Thin Sheeting by Pendulum Method
ASTM D 1927	(1981; R 1988) Rigid Poly(Vinyl Chloride) Plastic Sheet
ASTM D 1929	(1996; R 2001e1) Determining Ignition Temperature of Plastics
ASTM D 1970	(2009) Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection
ASTM D 1972	(1997; R 2005) Standard Practice for Generic Marking of Plastic Products
ASTM D 198	(2008) Standard Test Methods of Static Tests of Lumber in Structural Sizes
ASTM D 1998	(2006) Polyethylene Upright Storage Tanks
ASTM D 2000	(2008) Standard Classification System for Rubber Products in Automotive Applications
ASTM D 202	(2008) Sampling and Testing Untreated Paper Used for Electrical Insulation
ASTM D 2026	(1997; R 2004) Cutback Asphalt (Slow-Curing Type)
ASTM D 2027	(1997; R 2004) Cutback Asphalt (Medium-Curing Type)
ASTM D 2028	(1997; R 2004) Cutback Asphalt (Rapid-Curing Type)
ASTM D 2035	(2008) Standard Practice for

Coagulation-Flocculation Jar Test of Water

ASTM D 2041	(2003a) Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures
ASTM D 2047	(2004) Static Coefficient of Friction of Polish-Coated Floor Surfaces as Measured by the James Machine
ASTM D 2092	(1995; R 2001e1) Standard Guide for Preparation of Zinc-Coated (Galvanized) Steel Surfaces for Painting
ASTM D 2103	(2008) Standard Specification for Polyethylene Film and Sheeting
ASTM D 2104	(2003) Standard Specification for Polyethylene (PE) Plastic Pipe, Schedule 40
ASTM D 2113	(2008) Rock Core Drilling and Sampling of Rock for Site Investigation
ASTM D 2122	(1998; R 2004) Determining Dimensions of Thermoplastic Pipe and Fittings
ASTM D 2126	(2004) Response of Rigid Cellular Plastics to Thermal and Humid Aging
ASTM D 2136	(2002; R 2007) Coated Fabrics - Low-Temperature Bend Test
ASTM D 2167	(2008) Density and Unit Weight of Soil in Place by the Rubber Balloon Method
ASTM D 217	(2002; R 2008) Cone Penetration of Lubricating Grease
ASTM D 2170	(2007) Kinematic Viscosity of Asphalts (Bitumens)
ASTM D 2171	(2007) Viscosity of Asphalts by Vacuum Capillary Viscometer
ASTM D 2172	(2005) Quantitative Extraction of Bitumen from Bituminous Paving Mixtures
ASTM D 2176	(2007; R 2007) Folding Endurance of Paper by the M.I.T. Tester
ASTM D 2178	(2004) Asphalt Glass Felt Used in Roofing and Waterproofing
ASTM D 2186	(2005; R 2009) Deposit-Forming Impurities in Steam
ASTM D 2216	(2005) Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass
ASTM D 2217	(1985; R 1998) Wet Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil

## Constants

ASTM D 2235	(2004) Standard Specification for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings
ASTM D 2239	(2003) Standard Specification for Polyethylene (PE) Plastic Pipe (SDR-PR) Based on Controlled Inside Diameter
ASTM D 2240	(2005) Standard Test Method for Rubber Property - Durometer Hardness
ASTM D 2241	(2005) Standard Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series)
ASTM D 2244	(2007) Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates
ASTM D 2247	(2002) Testing Water Resistance of Coatings in 100% Relative Humidity
ASTM D 226	(2006) Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing
ASTM D 2261	(2007a) Tearing Strength of Fabrics by the Tongue (Single Rip) Procedure (Constant Rate-of-Extension Tensile Testing Machine)
ASTM D 227	(2003) Coal-Tar-Saturated Organic Felt Used in Roofing and Waterproofing
ASTM D 2270	(2004) Standard Practice for Calculating Viscosity Index from Kinematic Viscosity at 40 and 100°C
ASTM D 2272	(2002) Standard Test Method for Oxidation Stability of Steam Turbine Oils by Rotating Pressure Vessel
ASTM D 2282	(1999; R 2005) Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (SDR-PR)
ASTM D 2287	(1996; R 2001) Nonrigid Vinyl Chloride Polymer and Copolymer Molding and Extrusion Compounds
ASTM D 229	(2009) Rigid Sheet and Plate Materials Used for Electrical Insulation
ASTM D 2308	(2007) Standard Specification for Thermoplastic Polyethylene Jacket for Electrical Wire and Cable
ASTM D 2310	(2006) Machine-Made "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe
ASTM D 2321	(2005) Standard Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Applications

ASTM D 2344/D 2344M	(2000; R 2006) Standard Test Method for Short-Beam Strength of Polymer Matrix Composite Materials and Their Laminates
ASTM D 235	(2002; R 2008) Mineral Spirits (Petroleum Spirits) (Hydrocarbon Dry Cleaning Solvent)
ASTM D 2369	(2007) Volatile Content of Coatings
ASTM D 2370	(1998; R 2002) Tensile Properties of Organic Coatings
ASTM D 2394	(2005e1) Simulated Service Testing of Wood and Wood-Base Finish Flooring
ASTM D 2397	(2005) Standard Specification for Cationic Emulsified Asphalt
ASTM D 2412	(2002; R 2008) Determination of External Loading Characteristics of Plastic Pipe by Parallel-Plate Loading
ASTM D 2419	(2002) Sand Equivalent Value of Soils and Fine Aggregate
ASTM D 242/D 242M	(2009) Mineral Filler for Bituminous Paving Mixtures
ASTM D 2434	(1968; R 2006) Permeability of Granular Soils (Constant Head)
ASTM D 244	(2004) Emulsified Asphalts
ASTM D 2447	(2003) Standard Specification for Polyethylene (PE) Plastic Pipe, Schedules 40 and 80, Based on Outside Diameter
ASTM D 2452	(2003; R 2009) Standard Test Method for Extrudability of Oil- and Resin-Base Caulking Compounds
ASTM D 2453	(2003; R 2009) Standard Test Method for Shrinkage and Tenacity of Oil- and Resin-Base Caulking Compounds
ASTM D 2454	(2008) Determining the Effect of Overbaking on Organic Coatings
ASTM D 2464	(2006) Standard Specification for Threaded Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80
ASTM D 2466	(2006) Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40
ASTM D 2467	(2006) Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80



ASTM D 2468	(1996a) Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe Fittings, Schedule 40
ASTM D 2471	(1999) Standard Test Method for Gel Time and Peak Exothermic Temperature of Reacting Thermosetting Resins
ASTM D 2472	(2000; R 2006) Standard Specification for Sulphur Hexafluoride
ASTM D 2487	(2006e1) Soils for Engineering Purposes (Unified Soil Classification System)
ASTM D 2488	(2009) Description and Identification of Soils (Visual-Manual Procedure)
ASTM D 2489/D 2489M	(2008) Estimating Degree of Particle Coating of Bituminous-Aggregate Mixtures
ASTM D 25	(1999; R 2005) Round Timber Piles
ASTM D 2513	(2009) Thermoplastic Gas Pressure Pipe, Tubing, and Fittings
ASTM D 2517	(2006) Reinforced Epoxy Resin Gas Pressure Pipe and Fittings
ASTM D 256	(2006e1) Determining the Izod Pendulum Impact Resistance of Plastics
ASTM D 2563	(2008) Classifying Visual Defects in Glass-Reinforced Plastic Laminate Parts
ASTM D 2564	(2004e1) Standard Specification for Solvent Cements for Poly(Vinyl Chloride) (PVC) Plastic Piping Systems
ASTM D 2565	(1999; R 2008) Xenon Arc Exposure of Plastics Intended for Outdoor Applications
ASTM D 257	(2007) Standard Test Methods for D-C Resistance or Conductance of Insulating Materials
ASTM D 2583	(2007) Indentation Hardness of Rigid Plastics by Means of a Barcol Impressor
ASTM D 260	(1986; R 2001) Boiled Linseed Oil
ASTM D 2609	(2002; R 2008) Standard Specification for Plastic Insert Fittings for Polyethylene (PE) Plastic Pipe
ASTM D 2621	(1987; R 2005) Infrared Identification of Vehicle Solids from Solvent-Reducible Paints
ASTM D 2628	(1991; R 2005) Standard Specification for Preformed Polychloroprene Elastomeric Joint Seals for Concrete Pavements

ASTM D 2632	(2001; R 2008) Rubber Property-Resilience by Vertical Rebound
ASTM D 2652	(2005a) Activated Carbon
ASTM D 2657	(2007) Heat Fusion Joining Polyolefin Pipe and Fittings
ASTM D 2661	(2008) Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40, Plastic Drain, Waste, and Vent Pipe and Fittings
ASTM D 2665	(2009) Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings
ASTM D 2672	(1996a; R 2003) Joints for IPS PVC Pipe Using Solvent Cement
ASTM D 2680	(2001; R 2009) Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Composite Sewer Piping
ASTM D 2683	(2004) Standard Specification for Socket-Type Polyethylene Fittings for Outside Diameter-Controlled Polyethylene Pipe and Tubing
ASTM D 2688	(2005) Corrosivity of Water in the Absence of Heat Transfer (Weight Loss Methods)
ASTM D 2697	(2003; R 2008) Volume Nonvolatile Matter in Clear or Pigmented Coatings
ASTM D 2726	(2008) Bulk Specific Gravity and Density of Non-Absorptive Compacted Bituminous Mixtures
ASTM D 2729	(2003) Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings
ASTM D 2737	(2003) Polyethylene (PE) Plastic Tubing
ASTM D 2751	(2005) Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Sewer Pipe and Fittings
ASTM D 2765	(2001; R 2006) Determination of Gel Content and Swell Ratio of Crosslinked Ethylene Plastics
ASTM D 2774	(2008) Underground Installation of Thermoplastic Pressure Piping
ASTM D 2794	(1993; R 2004) Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact)
ASTM D 281	(1995; R 2007) Oil Absorption of Pigments by Spatula Rub-Out

ASTM D 2822	(2005) Asphalt Roof Cement
ASTM D 2824	(2006) Aluminum-Pigmented Asphalt Roof Coatings, Non-Fibered, Asbestos Fibered, and Fibered without Asbestos
ASTM D 2835	(1989; R 2007) Lubricant for Installation of Preformed Compression Seals in Concrete Pavements
ASTM D 2837	(2008) Standard Test Method for Obtaining Hydrostatic Design Basis for Thermoplastic Pipe Materials or Pressure Design Basis for Thermoplastic Pipe Products
ASTM D 2842	(2006) Water Absorption of Rigid Cellular Plastics
ASTM D 2843	(1999; R 2004e1) Density of Smoke from the Burning or Decomposition of Plastics
ASTM D 2844	(2007) Resistance R-Value and Expansion Pressure of Compacted Soils
ASTM D 2846/D 2846M	(2009) Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution Systems
ASTM D 2854	(2009) Apparent Density of Activated Carbon
ASTM D 2855	(1996; R 2002) Standard Practice for Making Solvent-Cemented Joints with Poly(Vinyl Chloride) (PVC) Pipe and Fittings
ASTM D 2856	(1994; R 1998) Open-Cell Content of Rigid Cellular Plastics by the Air Pycnometer
ASTM D 2859	(2006) Ignition Characteristics of Finished Textile Floor Covering Materials
ASTM D 2862	(1997; R 2004) Particle Size Distribution of Granular Activated Carbon
ASTM D 2863	(2008) Measuring the Minimum Oxygen Concentration to Support Candle-Like Combustion of Plastics (Oxygen Index)
ASTM D 2866	(1994; R 2004) Total Ash Content of Activated Carbon
ASTM D 2867	(2004) Moisture in Activated Carbon
ASTM D 2898	(2008e1) Accelerated Weathering of Fire-Retardant-Treated Wood for Fire Testing
ASTM D 2917	(2007) Methyl Isoamyl Ketone
ASTM D 2922	(2005) Density of Soil and Soil-Aggregate in Place by Nuclear Methods (Shallow Depth)
ASTM D 2937	(2004) Density of Soil in Place by the

Drive-Cylinder Method

ASTM D 2939	(2003) Emulsified Bitumens Used as Protective Coatings
ASTM D 2940	(2003) Graded Aggregate Material for Bases or Subbases for Highways or Airports
ASTM D 2950	(2005) Density of Bituminous Concrete in Place by Nuclear Methods
ASTM D 297	(1993; R 2006) Rubber Products - Chemical Analysis
ASTM D 2974	(2007a) Moisture, Ash, and Organic Matter of Peat and Other Organic Soils
ASTM D 2990	(2001) Tensile, Compressive, and Flexural Creep and Creep-Rupture of Plastics
ASTM D 2992	(2006) Obtaining Hydrostatic or Pressure Design Basis for "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe and Fittings
ASTM D 2995	(1999; R 2009) Determining Application Rate of Bituminous Distributors
ASTM D 2996	(2001; R 2007e1) Filament-Wound "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe
ASTM D 2997	(2001; R 2007e1) Centrifugally Cast "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe
ASTM D 3017	(2005) Water Content of Soil and Rock in Place by Nuclear Methods (Shallow Depth)
ASTM D 3018	(2003; R 2009) Class A Asphalt Shingles Surfaced With Mineral Granules
ASTM D 3019	(2008) Lap Cement Used with Asphalt Roll Roofing Non Fibered, Asbestos Fibered, and Non Asbestos Fibered
ASTM D 3020	(1989) Polyethylene and Ethylene Copolymer Plastic Sheeting for Pond, Canal, and Reservoir Lining
ASTM D 3034	(2008) Standard Specification for Type PSM Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings
ASTM D 3035	(2008) Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter
ASTM D 3039/D 3039M	(2008) Tensile Properties of Polymer Matrix Composite Materials
ASTM D 304	(2005) n-Butyl Alcohol (Butanol)
ASTM D 3045	(1992; R 2003) Practice for Heat Aging of Plastics

Without Load

ASTM D 3083	(1989) Flexible Poly(Vinyl Chloride) Plastic Sheeting for Pond, Canal, and Reservoir Lining
ASTM D 312	(2000; R 2006) Standard Specification for Asphalt Used in Roofing
ASTM D 3122	(1995; R 2002) Solvent Cements for Styrene-Rubber (SR) Plastic Pipe and Fittings
ASTM D 3138	(2004) Solvent Cements for Transition Joints Between Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Non-Pressure Piping Components
ASTM D 3139	(1998; R 2005) Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals
ASTM D 3171	(2009) Standard Test Method for Constituent Content of Composite Materials
ASTM D 3203	(2005) Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures
ASTM D 3212	(2007) Standard Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals
ASTM D 3222	(2005) Unmodified Poly(Vinylidene Fluoride) (PVDF) Molding Extrusion and Coating Materials
ASTM D 323	(2008) Vapor Pressure of Petroleum Products (Reid Method)
ASTM D 3261	(2003) Standard Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing
ASTM D 3262	(2006) "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Sewer Pipe
ASTM D 3273	(2000; R 2005) Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber
ASTM D 3274	(2009) Evaluating Degree of Surface Disfigurement of Paint Films by Microbial (Fungal or Algal) Growth or Soil and Dirt Accumulation
ASTM D 3276	(2007) Painting Inspectors (Metal Substrates)
ASTM D 3278	(1996; R 2004e1) Flash Point of Liquids by Small Scale Closed-Cup Apparatus
ASTM D 3299	(2008) Filament-Wound Glass-Fiber-Reinforced Thermoset Resin Corrosion-Resistant Tanks

ASTM D 3307	(2008) Perfluoroalkoxy (PFA)-Fluorocarbon Resin Molding and Extrusion Materials
ASTM D 3308	(2006) PTFE Resin Skived Tape
ASTM D 3311	(2009) Drain, Waste, and Vent (DWV) Plastic Fittings Patterns
ASTM D 333	(2001; R 2007) Standard Guide for Clear and Pigmented Lacquers
ASTM D 3330/D 3330M	(2004) Peel Adhesion of Pressure-Sensitive Tape
ASTM D 3335	(1985a; R 2009) Low Concentrations of Lead, Cadmium, and Cobalt in Paint by Atomic Absorption Spectroscopy
ASTM D 3350	(2008) Polyethylene Plastics Pipe and Fittings Materials
ASTM D 3359	(2009) Measuring Adhesion by Tape Test
ASTM D 3363	(2005) Film Hardness by Pencil Test
ASTM D 3370	(2008) Sampling Water from Closed Conduits
ASTM D 3381	(2005) Viscosity-Graded Asphalt Cement for Use in Pavement Construction
ASTM D 3389	(2005) Coated Fabrics Abrasion Resistance (Rotary Platform, Double-Head Abrader)
ASTM D 3418	(2008) Transition Temperatures of Polymers by Differential Scanning Calorimetry
ASTM D 3427	(2007) Standard Test Method for Air Release Properties of Petroleum Oils
ASTM D 3451	(2006) Testing Coating Powders and Powder Coatings
ASTM D 3453	(2007) Flexible Cellular Materials - Urethane for Furniture and Automotive Cushioning, Bedding, and Similar Applications
ASTM D 3455	(2002) Compatibility of Construction Material with Electrical Insulating Oil of Petroleum Origin
ASTM D 3462	(2009) Asphalt Shingles Made From Glass Felt and Surfaced with Mineral Granules
ASTM D 3487	(2008) Standard Specification for Mineral Insulating Oil Used in Electrical Apparatus
ASTM D 3498	(2003) Adhesives for Field-Gluing Plywood to Lumber Framing for Floor Systems
ASTM D 3551	(2008) Laboratory Preparation of Soil-Lime Mixtures

Using a Mechanical Mixer

ASTM D 3567	(1997; R 2006) Standard Practice for Determining Dimensions of "Fiberglass" (Glass-Fiber-Reinforced Thermosetting Resin) Pipe and Fittings
ASTM D 3575	(2008) Flexible Cellular Materials Made From Olefin Polymers
ASTM D 3595	(2002; R 2007) Polychlorotrifluoroethylene (PCTFE) Extruded Plastic Sheet and Film
ASTM D 3612	(2002) Standard Test Method for Analysis of Gases Dissolved in Electrical Insulating Oil by Gas Chromatography
ASTM D 3617	(2007) Sampling and Analysis of New Built-Up Roof Membranes
ASTM D 3625	(1996; R 2005) Standard Practice for Effect of Water on Bituminous-Coated Aggregate Using Boiling Water
ASTM D 3656	(2007) Insect Screening and Louver Cloth Woven from Vinyl-Coated Glass Yarns
ASTM D 3665	(2007) Random Sampling of Construction Materials
ASTM D 3666	(2009) Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials
ASTM D 3667	(2005) Rubber Seals Used in Flat-Plate Solar Collectors
ASTM D 3676	(2007) Rubber Cellular Cushion Used for Carpet or Rug Underlay
ASTM D 3678	(1997e1; R 2008) Rigid Poly (Vinyl Chloride) (PVC) Interior-Profile Extrusions
ASTM D 3689	(1990, R 1995) Individual Piles Under Static Axial Tensile Load
ASTM D 3691	(2002) Woven, Lace, and Knit Household Curtain and Drapery Fabrics
ASTM D 3699	(2008) Standard Specification for Kerosine
ASTM D 3718	(1985a; R 2005) Low Concentrations of Chromium in Paint by Atomic Absorption Spectroscopy
ASTM D 3721	(2005) Synthetic Red Iron Oxide Pigment
ASTM D 3737	(2008) Standard Practice for Establishing Allowable Properties for Structural Glued Laminated Timber (Glulam)

ASTM D 374	(1999; R 2004) Thickness of Solid Electrical Insulation
ASTM D 3740	(2008) Minimum Requirements for Agencies Engaged in the Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction
ASTM D 3744	(2003) Standard Test Method for Aggregate Durability Index
ASTM D 374M	(1999; R 2005) Thickness of Solid Electrical Insulation (Metric)
ASTM D 3753	(2005e1) Glass-Fiber-Reinforced Polyester Manholes and Wetwells
ASTM D 3754	(2006) "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Sewer and Industrial Pressure Pipe
ASTM D 3775	(2008) Warp End Count and Filling Pick Count of Woven Fabric
ASTM D 3776	(2009) Mass Per Unit Area (Weight) of Fabric
ASTM D 3786	(2008a) Hydraulic Bursting Strength of Textile Fabrics-Diaphragm Bursting Strength Tester Method
ASTM D 3787	(2007) Bursting Strength of Textiles - Constant-Rate-of-Traverse (CRT), Ball Burst Test
ASTM D 3802	(1979; R 2005) Ball-Pan Hardness of Activated Carbon
ASTM D 3833/D 3833M	(1996; R 2006) Water Vapor Transmission of Pressure-Sensitive Tapes
ASTM D 3839	(2008) Underground Installation of "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe
ASTM D 3840	(2001; R 2005) "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe Fittings for Nonpressure Applications
ASTM D 3841	(1997e1; R 2008) Standard Specification for Glass Fiber-Reinforced Polyester Plastic Panels
ASTM D 3860	(1998; R 2008) Determination of Adsorptive Capacity of Activated Carbon by Aqueous Phase Isotherm Technique
ASTM D 3867	(2009) Nitrite-Nitrate in Water
ASTM D 3884	(2009) Abrasion Resistance of Textile Fabrics (Rotary Platform, Double-Head Method)
ASTM D 3887	(1996; R 2008) Tolerances for Knitted Fabrics



ASTM D 3892	(1993; R 2009) Packaging/Packing of Plastics
ASTM D 3895	(2007) Oxidative-Induction Time of Polyolefins by Differential Scanning Calorimetry
ASTM D 390	(1992; R 1999) Coal-Tar Creosote for the Preservative Treatment of Piles, Poles and Timbers for Marine, Land, and Fresh Water Use
ASTM D 3910	(2007) Design, Testing, and Construction of Slurry Seal
ASTM D 3915	(2006) Rigid Poly(Vinyl Chloride) (PVC) and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds for Plastic Pipe and Fittings Used in Pressure Applications
ASTM D 3916	(2008) Tensile Properties of Pultruded Glass-Fiber-Reinforced Plastic Rod
ASTM D 3924	(1980; R 2005) Standard Environment for Conditioning and Testing Paint, Varnish, Lacquer, and Related Materials
ASTM D 3925	(2002) Sampling Liquid Paints and Related Pigmented Coatings
ASTM D 395	(2003; R 2008) Standard Test Methods for Rubber Property - Compression Set
ASTM D 3951	(1998; R 2004) Commercial Packaging
ASTM D 396	(2009) Standard Specification for Fuel Oils
ASTM D 3960	(2005) Determining Volatile Organic Compound (VOC) Content of Paints and Related Coatings
ASTM D 3965	(2005) Rigid Acrylonitrile-Butadiene-Styrene (ABS) Materials for Pipe and Fittings
ASTM D 3966	(1990; R 1995) Piles Under Lateral Loads
ASTM D 4	(1986; R 2004) Bitumen Content
ASTM D 4000	(2009a) Standard Classification System for Specifying Plastic Materials
ASTM D 4016	(2008) Viscosity of Chemical Grouts by Brook field Viscometer (Laboratory Method)
ASTM D 402	(2008) Distillation of Cut-Back Asphaltic (Bituminous) Products
ASTM D 4020	(2005) Ultra-High-Molecular-Weight Polyethylene Molding and Extrusion Materials
ASTM D 4021	(1992) Glass-Fiber-Reinforced Polyester Underground

## Petroleum Storage Tanks

ASTM D 4024	(2005) Machine Made "Fiberglass" (Glass-Fiber-Reinforced Thermosetting Resin) Flanges
ASTM D 4057	(2006) Standard Practice for Manual Sampling of Petroleum and Petroleum Products
ASTM D 4059	(2000; R 2005e1) Analysis of Polychlorinated Biphenyls in Insulating Liquids by Gas Chromatography
ASTM D 4060	(2007) Abrasion Resistance of Organic Coatings by the Taber Abraser
ASTM D 4068	(2001) Chlorinated Polyethylene Sheeting for Concealed Water-Containment Membrane
ASTM D 4073	(2006) Standard Test Method for Tensile-Tear Strength of Bituminous Roofing Membranes
ASTM D 4078	(2002; R 2008) Water Emulsion Floor Polish
ASTM D 4093	(1995; R 2005e1) Photoelastic Measurements of Birefringence and Residual Strains in Transparent or Translucent Plastic Materials
ASTM D 4097	(2001) Contact-Molded Glass-Fiber-Reinforced Thermoset Resin Corrosion-Resistant Tanks
ASTM D 4099	(1995) Poly(Vinyl Chloride) (PVC) Prime Windows and Sliding Glass Doors
ASTM D 41	(2005) Asphalt Primer Used in Roofing, Dampproofing, and Waterproofing
ASTM D 4101	(2008) Standard Specification for Polypropylene Injection and Extrusion Materials
ASTM D 412	(2006ae1e2) Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers - Tension
ASTM D 4125	(2005) Asphalt Content of Bituminous Mixtures by the Nuclear Method
ASTM D 413	(1998; R 2007) Rubber Property - Adhesion to Flexible Substrate
ASTM D 4157	(2007) Standard Test Method for Abrasion Resistance of Textile Fabrics (Oscillatory Cylinder Method)
ASTM D 4161	(2001; R 2005) "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe Joints Using Flexible Elastomeric Seals
ASTM D 4167	(1997; R 2007) Fiber-Reinforced Plastic Fans and Blowers

ASTM D 4177	(1995; R 2005) Standard Practice for Automatic Sampling of Petroleum and Petroleum Products
ASTM D 420	(1998; R 2003) Site Characterization for Engineering Design, and Construction Purposes
ASTM D 4206	(1996; R 2007) Sustained Burning of Liquid Mixtures Using the Small Scale Open-Cup Apparatus
ASTM D 4214	(2007) Standard Test Method for Evaluating the Degree of Chalking of Exterior Paint Films
ASTM D 4216	(2006) Rigid Poly (Vinyl Chloride) (PVC) and Related PVC and Chlorinated Poly (Vinyl Chloride) (CPVC) Building Products Compounds
ASTM D 4218	(1996; R 2008) Determination of Carbon Black Content in Polyethylene Compounds by the Muffle-Furnace Technique
ASTM D 422	(1963; R 2007) Particle-Size Analysis of Soils
ASTM D 4220	(1995; R 2007) Preserving and Transporting Soil Samples
ASTM D 4253	(2000; R 2006) Maximum Index Density and Unit Weight of Soils Using a Vibratory Table
ASTM D 4254	(2000e1; R 2006) Minimum Index Density and Unit Weight of Soils and Calculation of Relative Density
ASTM D 4263	(1983; R 2005) Indicating Moisture in Concrete by the Plastic Sheet Method
ASTM D 4280	(2008) Extended Life Type, Nonplowable, Raised, Retroreflective Pavement Markers
ASTM D 4285	(1983; R 2006) Indicating Oil or Water in Compressed Air
ASTM D 429	(2008) Rubber Property-Adhesion to Rigid Substrates
ASTM D 43	(2000; R 2006) Coal Tar Primer Used in Roofing, Dampproofing, and Waterproofing
ASTM D 430	(2006) Standard Test Methods for Rubber Deterioration - Dynamic Fatigue
ASTM D 4318	(2005) Liquid Limit, Plastic Limit, and Plasticity Index of Soils
ASTM D 4329	(2005) Standard Practice for Fluorescent UV Exposure of Plastics
ASTM D 4354	(1999; R 2009) Sampling of Geosynthetics for Testing
ASTM D 4355	(2007) Deterioration of Geotextiles from Exposure

	to Light, Moisture and Heat in a Xenon-Arc Type Apparatus
ASTM D 4357	(1996) Plastic Laminates Made from Woven-Roving and Woven-Yarn Glass Fabrics
ASTM D 4380	(1984; R 2006) Standard Test Method for Density of Bentonitic Slurries
ASTM D 4397	(2009) Standard Specification for Polyethylene Sheeting for Construction, Industrial, and Agricultural Applications
ASTM D 4400	(1999; R 2007) Sag Resistance of Paints Using a Multinotch Applicator
ASTM D 4402	(2006) Viscosity Determination of Asphalt at Elevated Temperatures Using a Rotational Viscometer
ASTM D 4417	(2003) Field Measurement of Surface Profile of Blast Cleaned Steel
ASTM D 4427	(2007) Peat Samples by Laboratory Testing
ASTM D 4434/D 4434M	(2009) Poly(Vinyl Chloride) Sheet Roofing
ASTM D 4439	(2004) Geosynthetics
ASTM D 4444	(2008) Use and Calibration of Hand-Held Moisture Meters
ASTM D 445	(2006) Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (and the Calculation of Dynamic Viscosity)
ASTM D 4479	(2007) Asphalt Roof Coatings - Asbestos-Free
ASTM D 448	(2008) Sizes of Aggregate for Road and Bridge Construction
ASTM D 449	(2003; R 2008) Asphalt Used in Dampproofing and Waterproofing
ASTM D 4491	(1999a; R 2004e1) Water Permeability of Geotextiles by Permittivity
ASTM D 450	(2007) Coal-Tar Pitch Used in Roofing, Dampproofing, and Waterproofing
ASTM D 4501	(2001e1) Adhesive Bonds Between Rigid Substrates by the Block-Shear Method
ASTM D 4505	(2005) Preformed Retroreflective Pavement Marking Tape for Extended Service Life
ASTM D 4533	(2004) Trapezoid Tearing Strength of Geotextiles

ASTM D 4541	(2009) Pull-Off Strength of Coatings Using Portable Adhesion Testers
ASTM D 4551	(1996e1; R 2008) Poly(Vinyl Chloride) (PVC) Plastic Flexible Concealed Water-Containment Membrane
ASTM D 4552	(1992; R 2004) Classifying Hot-Mix Recycling Agents
ASTM D 4586	(2007) Asphalt Roof Cement, Asbestos-Free
ASTM D 4587	(2005) Standard Practice for Fluorescent UV-Condensation Exposures of Paint and Related Coatings
ASTM D 4595	(2009) Tensile Properties of Geotextiles by the Wide-Width Strip Method
ASTM D 4601	(2004) Asphalt-Coated Glass Fiber Base Sheet Used in Roofing
ASTM D 4607	(1994; R 2006) Determination of Iodine Number of Activated Carbon
ASTM D 4632	(2008) Grab Breaking Load and Elongation of Geotextiles
ASTM D 4635	(2008a) Standard Specification for Polyethylene Films Made from Low-Density Polyethylene for General Use and Packaging Applications
ASTM D 4637	(2008) EPDM Sheet Used in Single-Ply Roof Membrane
ASTM D 4643	(2008) Determination of Water (Moisture) Content of Soil by the Microwave Oven Method
ASTM D 4689	(1999; R 2005) Standard Specification for Adhesive, Casein-Type
ASTM D 4690	(1999; R 2005) Standard Specification for Urea Formaldehyde Resin Adhesives
ASTM D 470	(2005) Crosslinked Insulations and Jackets for Wire and Cable
ASTM D 471	(2006; R 2008) Standard Test Method for Rubber Property - Effect of Liquids
ASTM D 4716	(2008) Determining the (In-Plane) Flow Rate Per Unit Width and Hydraulic Transmissivity of a Geosynthetic Using a Constant Head
ASTM D 4750	(1987; R 2001) Determining Subsurface Liquid Levels in a Borehole or Monitoring Well (Observation Well)
ASTM D 4751	(2004) Determining Apparent Opening Size of a Geotextile

ASTM D 4759	(2002; R 2007) Determining the Specification Conformance of Geosynthetics
ASTM D 476	(2000; R 2005) Dry Pigmentary Titanium Dioxide Pigments
ASTM D 4791	(2005e1) Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate
ASTM D 4802	(2002) Poly(Methyl Methacrylate) Acrylic Plastic Sheet
ASTM D 4811	(2006) Nonvulcanized (Uncured) Rubber Sheet Used as Roof Flashing
ASTM D 4814	(2009) Automotive Spark-Ignition Engine Fuel
ASTM D 4832	(2002) Preparation and Testing of Controlled Low Strength Material (CLSM) Test Cylinders
ASTM D 4833	(2007) Index Puncture Resistance of Geotextiles, Geomembranes, and Related Products
ASTM D 4840	(1999; R 2004) Sampling Chain-Of-Custody Procedures
ASTM D 4867/D 4867M	(2004) Effect of Moisture on Asphalt Concrete Paving Mixtures
ASTM D 4869	(2005; R 2006) Asphalt-Saturated Organic Felt Underlayment Used in Steep Slope Roofing
ASTM D 4873	(2002) Identification, Storage, and Handling of Geosynthetic Rolls and Samples
ASTM D 4884	(1996; R 2003) Strength of Sewn or Thermally Bonded Seams of Geotextiles
ASTM D 4887	(1998; R 2003) Preparation of Viscosity Blends for Hot Recycled Bituminous Materials
ASTM D 4897	(2001) Asphalt-Coated Glass-Fiber Venting Base Sheet Used in Roofing
ASTM D 490	(1992; R 2005) Road Tar
ASTM D 4944	(2004) Field Determination of Water (Moisture) Content of Soil by the Calcium Carbide Gas Pressure Tester Method
ASTM D 4945	(2008) High-Strain Dynamic Testing of Piles
ASTM D 495	(1999; R 2004) Standard Test Method for High-Voltage, Low-Current, Dry Arc Resistance of Solid Electrical Insulation
ASTM D 4959	(2007) Determination of Water (Moisture) Content of Soil by Direct Heating

ASTM D 4972	(2001; R 2007) pH of Soils
ASTM D 4976	(2006) Standard Specification for Polyethylene Plastics Molding and Extrusion Materials
ASTM D 4992	(2007) Evaluation of Rock to be Used for Erosion Control
ASTM D 5	(2006e1) Penetration of Bituminous Materials
ASTM D 5034	(2009) Breaking Strength and Elongation of Textile Fabrics (Grab Test)
ASTM D 5035	(2006; R 2008e1) Breaking Force and Elongation of Textile Fabrics (Strip Method)
ASTM D 5079	(2008) Preserving and Transporting Rock Core Samples
ASTM D 5084	(2003) Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter
ASTM D 5088	(2002; R 2008) Decontamination of Field Equipment Used at Nonradioactive Waste Sites
ASTM D 5092	(2004e1) Design and Installation of Ground Water Monitoring Wells in Aquifers
ASTM D 5106	(2008) Steel Slag Aggregates for Bituminous Paving Mixtures
ASTM D 512	(2004) Chloride Ion in Water
ASTM D 5147	(2007b) Standard Test Methods for Sampling and Testing Modified Bituminous Sheet Material
ASTM D 5148	(1997, R 2002) Standard Test Method for Centrifuge Kerosine Equivalent
ASTM D 5158	(1998; R 2005) Determination of the Particle Size of Powdered Activated Carbon by Air Jet Sieving
ASTM D 516	(2007) Sulfate Ion in Water
ASTM D 517	(1998; R 2008) Asphalt Plank
ASTM D 5195	(2008) Density of Soil and Rock In-Place at Depths Below the Surface by Nuclear Methods
ASTM D 5199	(2001; R 2006) Measuring Nominal Thickness of Geosynthetics
ASTM D 520	(2000; R 2005) Zinc Dust Pigment
ASTM D 5203	(2007) Polyethylene Plastics Molding and Extrusion Materials from Recycled Post-Consumer (HDPE) Sources

ASTM D 522	(1993a; R 2008) Mandrel Bend Test of Attached Organic Coatings
ASTM D 5228	(1992; R 2005) Determination of the Butane Working Capacity of Activated Carbon
ASTM D 523	(2008) Standard Test Method for Specular Gloss
ASTM D 5249	(1995; R 2006) Backer Material for Use with Cold-and Hot-Applied Joint Sealants in Portland-Cement Concrete and Asphalt Joints
ASTM D 5252	(2005) Operation of the Hexapod Drum Tester
ASTM D 5261	(1992; R 2003) Measuring Mass Per Unit Area of Geotextiles
ASTM D 5262	(2007) Evaluating the Unconfined Tension Creep Behavior of Geosynthetics
ASTM D 5268	(2007) Topsoil Used for Landscaping Purposes
ASTM D 5299	(1999; R 2005) Decommissioning of Ground Water Wells, Vadose Zone Monitoring Devices, Boreholes, and Other Devices for Environmental Activities
ASTM D 5312	(2004) Evaluation of Durability of Rock for Erosion Control Under Freezing and Thawing Conditions
ASTM D 5313	(2004) Evaluation of Durability of Rock for Erosion Control Under Wetting and Drying Conditions
ASTM D 5321	(2008) Determining the Coefficient of Soil and Geosynthetic or Geosynthetic and Geosynthetic Friction by the Direct Shear Method
ASTM D 5385	(1993; R 2006) Hydrostatic Pressure Resistance of Waterproofing Membranes
ASTM D 5397	(2007) Evaluation of Stress Crack Resistance of Polyolefin Geomembranes Using Notched Constant Tensile Load Test
ASTM D 5417	(2005) Operation of the Vettermann Drum Tester
ASTM D 542	(2000; R 2006) Index of Refraction of Transparent Organic Plastics
ASTM D 5420	(2004) Impact Resistance of Flat, Rigid Plastic Specimen by Means of a Strike Impacted by a Falling Weight (Gardner Impact)
ASTM D 5421	(2005) Contact Molded "Fiberglass" (Glass-Fiber-Reinforced Thermosetting Resin) Flanges
ASTM D 543	(2006) Standard Practices for Evaluating the Resistance of Plastics to Chemical Reagents



ASTM D 5434	(2009) Field Logging of Subsurface Explorations of Soil and Rock
ASTM D 5444	(2008) Mechanical Size Analysis of Extracted Aggregate
ASTM D 5456	(2009a) Evaluation of Structural Composite Lumber Products
ASTM D 546	(2005) Sieve Analysis of Mineral Filler for Bituminous Paving Mixtures
ASTM D 5469	(2000; R 2005) Application of New Spray Applied Polyurethane Foam and Coated Roofing Systems
ASTM D 5505	(2006) Classifying Emulsified Recycling Agents
ASTM D 5519	(2007) Particle Size Analysis of Natural and Man-Made Riprap Materials
ASTM D 5521	(2005) Development of Ground-Water Monitoring Wells in Granular Aquifers
ASTM D 5539	(1994; R 2008) Seed Starter Mix
ASTM D 5543	(1994; R 2005) Standard Test Methods for Low-Level Dissolved Oxygen in Water
ASTM D 558	(2004) Moisture-Density (Unit Weight) Relations of Soil-Cement Mixtures
ASTM D 559	(2003) Wetting and Drying Compacted Soil-Cement Mixtures
ASTM D 5596	(2003) Microscopic Evaluation of the Dispersion of Carbon Black in Polyolefin Geosynthetics
ASTM D 56	(2005) Flash Point by Tag Closed Cup Tester
ASTM D 560	(2003) Freezing and Thawing Compacted Soil-Cement Mixtures
ASTM D 5603	(2001; R 2008) Rubber Compounding Materials - Recycled Vulcanizate Particulate Rubber
ASTM D 5608	(2001; R 2006) Decontamination of Field Equipment Used at Low Level Radioactive Waste Sites
ASTM D 561	(1982; R 2008) Carbon Black Pigment for Paint
ASTM D 562	(2001; R 2005) Consistency of Paints Measuring Krebs Unit (KU) Viscosity Using a Stormer-Type Viscometer
ASTM D 5641	(1994; R 2006) Geomembrane Seam Evaluation by Vacuum Chamber

ASTM D 566	(2002) Dropping Point of Lubricating Grease
ASTM D 5663	(1997; R 2003) Validating Recycled Content in Packaging Paper and Paperboard
ASTM D 5677	(2005) Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe and Pipe Fittings, Adhesive Bonded Joint Type, for Aviation Jet Turbine Fuel Lines
ASTM D 5685	(2005) "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pressure Pipe Fittings
ASTM D 570	(1998; R 2005) Standard Test Method for Water Absorption of Plastics
ASTM D 572	(2004) Rubber Deterioration by Heat and Oxygen
ASTM D 5721	(2008) Air-Oven Aging of Polyolefin Geomembranes
ASTM D 5727	(2000; R 2004e1) Emulsified Refined Coal Tar (Mineral Colloid Type)
ASTM D 573	(2004) Standard Test Method for Rubber - Deterioration in an Air Oven
ASTM D 575	(1991; R 2007) Rubber Properties in Compression
ASTM D 5759	(1995; R 2005) Characterization of Coal Fly Ash and Clean Coal Combustion Fly Ash for Potential Uses
ASTM D 578	(2005) Glass Fiber Strands
ASTM D 579	(2009) Standard Specification for Greige Woven Glass Fabrics
ASTM D 5793	(2005) Binding Sites Per Unit Length or Width of Pile Yarn Floor Coverings
ASTM D 5848	(2007) Mass Per Unit Area of Pile Yarn Floor Coverings
ASTM D 5851	(1995; R 2006) Planning and Implementing a Water Monitoring Program
ASTM D 5852	(2000; R 2007) Standard Test Method for Erodibility Determination of Soil in the Field or in the Laboratory by the Jet Index Method
ASTM D 5864	(2005) Standard Test Method for Determining Aerobic Aquatic Biodegradation of Lubricants or Their Components
ASTM D 5885	(2006) Oxidative Induction Time of Polyolefin Geosynthetics by High-Pressure Differential Scanning Calorimetry

ASTM D 5887	(2008) Measurement of Index Flux Through Saturated Geosynthetic Clay Liner Specimens Using a Flexible Wall Permeameter
ASTM D 5888	(2006) Storage and Handling of Geosynthetic Clay Liners
ASTM D 5889	(1997; R 2008) Quality Control of Geosynthetic Clay Liners
ASTM D 5890	(2006) Swell Index of Clay Mineral Component of Geosynthetic Clay Liners
ASTM D 5891	(2002) Fluid Loss of Clay Component of Geosynthetic Clay Liners
ASTM D 5893	(2004) Cold Applied, Single Component, Chemically Curing Silicone Joint Sealant for Portland Cement Concrete Pavements
ASTM D 5894	(2005) Cyclic Salt Fog/UV Exposure of Painted Metal, (Alternating Exposures in a Fog/Dry Cabinet and a UV/Condensation Cabinet)
ASTM D 5948	(2005e1) Standard Specification for Molding Compounds, Thermosetting
ASTM D 596	(2001; R 2006) Reporting Results of Analysis of Water
ASTM D 5993	(1999; R 2004) Measuring Mass Per Unit of Geosynthetic Clay Liners
ASTM D 5994	(1998; R 2003) Measuring Core Thickness of Textured Geomembrane
ASTM D 6	(1995; R 2006) Loss on Heating of Oil and Asphaltic Compounds
ASTM D 6007	(2002; R 2008) Standard Test Method for Determining Formaldehyde Concentration in Air from Wood Products Using a Small Scale Chamber
ASTM D 6072	(2008) Obtaining Samples of Geosynthetic Clay Liners
ASTM D 6081	(1998; R 2004) Aquatic Toxicity Testing of Lubricants: Sample Preparation and Results Interpretation
ASTM D 610	(2008) Evaluating Degree of Rusting on Painted Steel Surfaces
ASTM D 6108	(2003) Standard Test Method for Compressive Properties of Plastic Lumber and Shapes
ASTM D 6109	(2005) Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastic

## Lumber and Related Products

ASTM D 6111	(2003) Standard Test Method for Bulk Density and Specific Gravity of Plastic Lumber and Shapes by Displacement
ASTM D 6112	(1997; R 2005) Compressive and Flexural Creep and Creep-Rupture of Plastic Lumber and Shapes
ASTM D 6117	(1997; R 2005) Standard Test Methods for Mechanical Fasteners in Plastic Lumber and Shapes
ASTM D 6155	(2006) Nontraditional Coarse Aggregate for Bituminous Paving Mixtures
ASTM D 6162	(2000a; R 2008) Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements
ASTM D 6163	(2000; R 2008) Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Glass Fiber Reinforcements
ASTM D 6164	(2005e1) Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Polyester Reinforcements
ASTM D 6222	(2008) Atactic Polypropylene (ARP) Modified Bituminous Sheet Materials Using Polyester Reinforcements
ASTM D 6223	(2002e1e2) Atactic Polypropylene (ARP) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements
ASTM D 6237	(2009) Painting Inspectors (Concrete and Masonry Substrates)
ASTM D 624	(2000; R 2007) Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers
ASTM D 6243	(2008) Determining the Internal and Interface Shear Resistance of Geosynthetic Clay Liner by the Direct Shear Method
ASTM D 6245	(2007) Using Indoor Carbon Dioxide Concentrations to Evaluate Indoor Air Quality and Ventilation
ASTM D 6270	(2008) Use of Scrap Tires in Civil Engineering Applications
ASTM D 6298	(2005e1) Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Bituminous Sheet with Factory Applied Metal Surface
ASTM D 6304	(2007) Standard Test Method for Determination of

	Water in Petroleum Products, Lubricating Oils, and Additives by Coulometric Karl Fischer Titration
ASTM D 6307	(2005) Asphalt Content of Hot Mix Asphalt by Ignition Method
ASTM D 633	(1997; R 2005) Volume Correction Table for Road Tar
ASTM D 6330	(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 D 6345	(1998; R 2003e1) Selection of Methods for Active, Integrative Sampling of Volatile Organic Compounds in Air
ASTM D 635	(2006) Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position
ASTM D 6368	(2006) Standard Specification for Vapor-Degreasing Grade, and General Grade Normal - Propyl Bromide
ASTM D 6369	(1999; R 2006) Design of Standard Flashing Details for EPDM Roof Membranes
ASTM D 638	(2008) Standard Test Method for Tensile Properties of Plastics
ASTM D 6380	(2003; R 2009) Standard Specification for Asphalt Roll Roofing (Organic Felt)
ASTM D 6386	(1999; R 2005) Standard Practice for Preparation of Zinc (Hot-Dip Galvanized) Coated Iron and Steel Product and Hardware Surfaces for Painting
ASTM D 6390	(2005) Determination of Draindown Characteristics in Uncompacted Asphalt Mixtures
ASTM D 6392	(2008) Determining the Integrity of Nonreinforced Geomembrane Seams Produced Using Thermo-Fusion Methods
ASTM D 648	(2007) Deflection Temperature of Plastics Under Flexural Load in the Edgewise Position
ASTM D 6496	(2004a) Determining Average Bonding Peel Strength Between the Top and Bottom Layers of Needle-Punched Geosynthetic Clay Liners
ASTM D 6497	(2002) Mechanical Attachment of Geomembrane to Penetrations or Structures
ASTM D 6629	(2001; R 2007) Selection of Methods for Estimating Soil Loss by Erosion

ASTM D 6637	(2001) Standard Test Method for Determining Tensile Properties of Geogrids by the Single or Multi-Rib Tensile Method
ASTM D 6638	(2007) Determining Connection Strength Between Geosynthetic Reinforcement and Segmental Concrete Units (Modular Concrete Blocks)
ASTM D 664	(2009) Standard Test Method for Acid Number of Petroleum Products by Potentiometric Titration
ASTM D 665	(2006) Standard Test Method for Rust-Preventing Characteristics of Inhibited Mineral Oil in the Presence of Water
ASTM D 6662	(2009) Standard Specification for Polyolefin-Based Plastic Lumber Decking Boards
ASTM D 6690	(2007) Joint and Crack Sealants, Hot Applied, for Concrete and Asphalt Pavements
ASTM D 6706	(2001; R 2007) Standard Test Method for Measuring Geosynthetic Pullout Resistance in Soil
ASTM D 6725	(2001) Standard Practice for Direct Push Installation of Prepacked Screen Monitoring Wells.
ASTM D 673	(1993ae1) Mar Resistance of Plastics
ASTM D 6754	(2002) Standard Specification for Ketone Ethylene Ester Based Sheet Roofing
ASTM D 6757	(2007) Standard Specification for Underlayment Felt Containing Inorganic Fibers Used in Steep-Slope Roofing
ASTM D 6765	(2002; R 2008) Standard Practice for Live Staking
ASTM D 6768	(2004) Tensile Strength of Geosynthetic Clay Liners
ASTM D 6836	(2002ele2; R 2008) 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 D 6848	(2002) Aluminum Pigmented Emulsified Asphalt Used as a Protective Coating for Roofing
ASTM D 692/D 692M	(2009) Coarse Aggregate for Bituminous Paving Mixtures
ASTM D 6925	(2008) Standard Test Method for Preparation and Determination of the Relative Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyrotory Compactor

ASTM D 6926	(2004) Preparation of Bituminous Specimens Using Marshall Apparatus
ASTM D 6927	(2006) Standard Test Method for Marshall Stability and Flow of Bituminous Mixtures
ASTM D 6938	(2007a) Standard Test Method for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)
ASTM D 695	(2008) Standard Test Method for Compressive Properties of Rigid Plastics
ASTM D 696	(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 D 698	(2007e1) Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400 ft-lbf/cu. ft. (600 kN-m/cu. m.))
ASTM D 70	(2009) Specific Gravity and Density of Semi-Solid Bituminous Materials (Pycnometer Method)
ASTM D 7005	(2003; R 2008) Standard Test Method for Determining the Bond Strength (Ply Adhesion) of Geocomposites
ASTM D 709	(2001; R 2007) Laminated Thermosetting Materials
ASTM D 7091	(2005) 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 D 711	(1989; R 2004) No-Pick-Up Time of Traffic Paint
ASTM D 7116	(2005) Standard Specification for Joint Sealants, Hot Applied, Jet Fuel Resistant Types, for Portland Cement Concrete
ASTM D 7127	(2005) Measurement of Surface Roughness of Abrasive Blast Cleaned Metal Surfaces using a Portable Stylus Instrument
ASTM D 714	(2002e1) Evaluating Degree of Blistering of Paints
ASTM D 7155	(2006) Standard Practice for Evaluating Compatibility of Mixtures of Turbine Lubricating Oils
ASTM D 737	(2004; R 2008e1) Air Permeability of Textile Fabrics
ASTM D 740	(2005) Methyl Ethyl Ketone
ASTM D 746	(2007) Standard Test Method for Brittleness

	Temperature of Plastics and Elastomers by Impact
ASTM D 747	(2008) Apparent Bending Modulus of Plastics by Means of a Cantilever Beam
ASTM D 75/D 75M	(2009) Standard Practice for Sampling Aggregates
ASTM D 751	(2006) Coated Fabrics
ASTM D 774/D 774M	(1997; R 2007) Bursting Strength of Paper
ASTM D 785	(2008) Rockwell Hardness of Plastics and Electrical Insulating Materials
ASTM D 789	(2007) Determination of Relative Viscosity and Moisture Content of Polyamide (PA)
ASTM D 790	(2007e1) Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials
ASTM D 792	(2008) Density and Specific Gravity (Relative Density) of Plastics by Displacement
ASTM D 814	(1995; R 2005) Rubber Property - Vapor Transmission of Volatile Liquids
ASTM D 822	(2001; R 2006) Filtered Open-Flame Carbon-Arc Exposures of Paint and Related Coatings
ASTM D 823	(1995; R 2007) Producing Films of Uniform Thickness of Paint, Varnish, and Related Products on Test Panels.
ASTM D 828	(1997; R 2002) Tensile Properties of Paper and Paperboard Using Constant-Rate-of-Elongation Apparatus
ASTM D 841	(2002e1; R 2008) Nitration Grade Toluene
ASTM D 854	(2006e1) Specific Gravity of Soil Solids by Water Pycnometer
ASTM D 877	(2002; R 2007) Standard Test Method for Dielectric Breakdown Voltage of Insulating Liquids Using Disk Electrodes
ASTM D 882	(2009) Tensile Properties of Thin Plastic Sheeting
ASTM D 883	(2008) Terminology Relating to Plastics
ASTM D 888	(2005) Dissolved Oxygen in Water
ASTM D 892	(2006e1) Standard Test Method for Foaming Characteristics of Lubricating Oils
ASTM D 903	(1998; R 2004) Peel or Stripping Strength of



## Adhesive Bonds

ASTM D 905	(2008e1) Strength Properties of Adhesive Bonds in Shear by Compression Loading
ASTM D 92	(2005a) Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester
ASTM D 923	(2007) Standard Practice for Sampling Electrical Insulating Liquids
ASTM D 924	(2008) Standard Test Method for Dissipation Factor (or Power Factor) and Relative Permittivity (Dielectric Constant) of Electrical Insulating Liquids
ASTM D 93	(2008) Flash-Point by Pensky-Martens Closed Cup Tester
ASTM D 943	(2004a) Standard Test Method for Oxidation Characteristics of Inhibited Mineral Oils
ASTM D 946	(1982; R 2005) Penetration-Graded Asphalt Cement for Use in Pavement Construction
ASTM D 962	(1981; R 2008e1) Aluminum Powder and Paste Pigments for Paints
ASTM D 968	(2005e1) Abrasion Resistance of Organic Coatings by Falling Abrasive
ASTM D 97	(2009) Pour Point of Petroleum Products
ASTM D 974	(2008) Standard Test Method for Acid and Base Number by Color-Indicator Titration
ASTM D 975	(2009a) Standard Specification for Diesel Fuel Oils
ASTM D 977	(2005) Emulsified Asphalt
ASTM D 979	(2001; R 2006e1) Sampling Bituminous Paving Mixtures
ASTM D 98	(2005) Calcium Chloride
ASTM D 995	(1995b; R 2002) Mixing Plants for Hot-Mixed, Hot-Laid Bituminous Paving Mixtures
ASTM DEF	(2005) ASTM Dictionary of Engineering Science and Technology, 10th Edition
ASTM E 1	(2007) Standard Specification for ASTM Liquid-in-Glass Thermometers
ASTM E 10	(2008) Brinell Hardness of Metallic Materials
ASTM E 100	(2005) ASTM Hydrometers

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MIL-C-18480	(Rev B; Notice 2) Coating Compound, Bituminous, Solvent, Coal-Tar Base
MIL-C-24368/1	(Rev B) Connector Assemblies; Plug, Power Transfer, Shore to Ship and Ship to Ship, 500 Volts, 500 Amperes, 60 Hertz, Symbol Number 1160
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MIL-DTL-12276	(Rev E) Varnish, Phenolic, Baking
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MIL-DTL-16884	(Rev L) Fuel, Naval Distillate
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MIL-E-17814	(Rev F; CANC Notice 1) Expansion Joints, Pipe, Slip-Type, Packed
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MIL-F-83402	(CANC Notice 1) Filter-Separator, Liquid Fuel FFU-25/E
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MIL-I-24092	(Rev D; Supp 1) Insulating Varnishes and Solventless Resins For Applications by the Dip Process
MIL-I-24768/14	INSULATION, PLASTIC, LAMINATED, THERMOSETTING, COTTON-FABRIC-BASE, PHENOLIC-RESIN (FBG)
MIL-I-631	(Rev D; Am 1-6) Insulation, Electrical, Synthetic-Resin Composition, Nonrigid
MIL-L-19140	(Rev E; Am 2) Lumber and Plywood, Fire-Retardant

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MIL-L-26764	(Rev B) Light, Marker, Airport Approach, High Intensity, Type MB-2
MIL-L-26990	(Rev B; Am 2) Light, Marker, Airport Approach, High Intensity, Type MB-1
MIL-L-29575	Light, Wave-Off, Flashing, Capacitance-Discharge
MIL-L-5904	(Rev D; Am 1) Light, Runway Marker, Elevated, Type C-1
MIL-L-7158	(Rev E; Notice 1) Light, Beacon, Rotating, 24-Inch
MIL-P-21035	(Rev B; Notice 2) Paint, High Zinc Dust Content, Galvanizing Repair (Metric)
MIL-P-24396	(Rev A) Packing Material, Braided PTFE (Polytetrafluoroethylene)
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MIL-PRF-81380	(Rev E) Filter/Monitor, Contamination, Aviation Fuel Dispensing System
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MIL-PRF-907	(Rev F) Antiseize Thread Compound, High Temperature
MIL-R-24243	(Rev C, Supp 1; Am 1) Rivets, Blind, Nonstructural, Retained Mandrel
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CID A-A-1923	(Rev A; Notice 1) Shield, Expansion (Lag, Machine and Externally Threaded Wedge Bolt Anchors)
CID A-A-1924	(Rev A; Notice 1) Shield, Expansion (Self Drilling Tubular Expansion Shell Bolt Anchors)
CID A-A-1925	(Rev A; Notice 1) Shield Expansion (Nail Anchors)
CID A-A-1928	(Rev C) Padlock (Combination)
CID A-A-2246	(Rev B) paint, Latex
CID A-A-272	(Rev A; Notice 2) Caulking Compounds
CID A-A-3120	(Basic; Notice 2) Paint: For Swimming Pools
CID A-A-3130	(Rev A) Paint (For Application to Wet Surfaces)
CID A-A-3132	(Basic) Coating System: Epoxy Primer/Urethane Topcoat for Minimally Prepared Atmospheric Steel
CID A-A-378	(Basic; Notice 1) Putty Linseed Oil Type, (for Wood-Sash-Glazing
CID A-A-50541	(Basic; Notice 1) Valves, Tank Float, Angle and Globe Pattern (Inch-Pound
CID A-A-50542	(Rev A) Coating System: Reflective, Slip-Resistant, Chemical-Resistant Urethane for Maintenance Facility Floors

CID A-A-50553	(Basic; Notice 1) Fitting for Conduit, Metal, Rigid (Thick-Wall and Thin-Wall (EMT) Type)
CID A-A-50558	(Basic) Valves, Pressure Regulating, Steam
CID A-A-50559	(Basic) Valves, Temperature-Regulating (Thermostatically Controlled)
CID A-A-50562	(Basic) Pump Units, Centrifugal, Water, Horizontal; General Service and Boiler-Feed: Electric-Motor or Steam-Turbine-Driven
CID A-A-50566	(Basic) Monitoring Devices, Emission, Stack Related
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-55614	(Basic; Notice 1) Shield, Expansion (Non-Drilling Expansion Anchors)
CID A-A-55615	(Basic; Notice 1) Shield, Expansion (Wood Screw and Lag Bolt Self-Threading Anchors)
CID A-A-59223	(Basic; Notice 1) Cooling Towers, Liquid
CID A-A-59249	(Basic; Notice 1) Filters, Fluid, Pressure, Feedwater
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 1) Frames, Covers, Gratings, Steps, Sump And Catch Basin, Manhole
FED-STD-141	(Rev D; Am 1) Paint, Varnish, Lacquer and Related Materials: Methods of Inspection, Sampling and Testing
FED-STD-209	(Rev C) Clean Room and Work Station Requirements, Controlled Environment
FED-STD-228	(2000) Cable and Wire, Insulated; Methods of Testing
FED-STD-313	(Rev D; Am 1) Material Safety Data, Transportation Data and Disposal Data for Hazardous Materials Furnished to Government Activities

FED-STD-595	(Rev B; Am 1) Colors Used in Government Procurement
FS A-A-1689	(Rev B) Tape, Pressure-Sensitive Adhesive, (Plastic Film)
FS A-A-1923	(Rev A; Notice 1) Shield, Expansion (Lag, Machine and Externally threaded Wedge Bolt Anchors)
FS A-A-1924	(1995, R 2001-Rev A) Standard for Shield, Expansion; (Self Drilling Tubular Expansion Shell Bolt Anchors)
FS A-A-1925	(Rev A; Notice 1) Shield, Expansion (Nail Anchors)
FS A-A-203	(Rev C; Notice 2) Paper, Kraft, Untreated
FS A-A-272	(Rev A, Notice 2) Caulking Compounds
FS A-A-2745	(Rev A) Sprinkler, Lawn
FS A-A-2886	(Rev A) Paint, Traffic, Solvent Based
FS A-A-2962	(Rev J) Enamel, Alkyd, Gloss, Low VOC Content
FS A-A-3120	(Basic) Paint: For Swimming Pools
FS A-A-344	(Rev A) Lacquer (Clear Gloss)
FS A-A-50032	(Rev B) Fans, Ventilating, Propeller
FS A-A-50457	(2001a) Valves Radiator, Heating Packless Bonnett, Class 125 PSIG
FS A-A-50494	(Basic) Exhaust Head, Steam
FS A-A-50502	(Basic) Air Conditioners, (Unitary Heat Pump), Air to Air (3,000 to 300,000 BTU)
FS A-A-50504	(Basic) Analyzers, Flue-Gas, Orsat-Type, Portable
FS A-A-50543	(Basic; Notice 1) Heaters, Convection, Steam or Hot Water
FS A-A-50544	(Basic; Notice 1) Radiators, Heating, Steam and Hot Water, Cast Iron
FS A-A-50545	(Basic; Notice 1) Radiator, Heating, Baseboard Panel, Steam and Hot Water
FS A-A-50555	(Basic) Pumping Units, Sewage, Duplex, Centrifugal, Automatic Wet-Pit Type
FS A-A-50558	(Basic) Valves, Pressure Regulating, Steam
FS A-A-50560	(Basic) Pumps, Centrifugal, Water Circulating, Electric-Motor-Driven



FS A-A-50561	(Basic) Pumps, Rotary, Power-Driven, Viscous Liquids
FS A-A-50562	(Basic) Pump Units, Centrifugal, Water, Horizontal; General Service and Boiler-Feed: Electric-Motor- or Steam-Turbine-Driven
FS A-A-50565	(Basic) Cabinet, Storage; Wardrobe, Three Drawer
FS A-A-50567	(Basic; Notice 1) Vanity; Cabinet (Wood or Wood and Steel)
FS A-A-50568	(Basic) Gages, Liquid Level Measuring, Tank
FS A-A-51145	(Rev D) Flux, Soldering, Non-Electronic, Paste and Liquid
FS A-A-52128	(Basic) Shelving, Storage, Stationary and Mobile, Food Storage
FS A-A-52557	(Rev A)) Fuel Oil, Diesel; for Posts, Camps and Stations
FS A-A-52913	Splice Connectors
FS A-A-55619B	(2003) Casters, Industrial, Heavy Duty
FS A-A-58092	(Basic) Tape, Antiseize, Polytetrafluoroethylene
FS A-A-59222	(Basic) Fans, Centrifugal, Draft, Forced and Induced
FS A-A-59224	(Basic; Notice 1) Meters, Fluid Quantity Volumetric
FS A-A-59248	Meter, Volumetric, Positive Displacement, Liquid, Aircraft Fuel, 600 GPM
FS A-A-60001	(Basic) Traps, Steam
FS A-A-60005	(Basic) Frames.Covers, Gratings, Steps, Sump and Catch Basin, Manhole
FS A-A-857	(Rev B, Notice 2) Thinner, Dope and Lacquer
FS AA-D-600	(Rev C, Am 1) 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) Cloth, Burlap, Jute (or Kenaf)
FS CCC-W-408	(Rev C) Wallcovering, Vinyl Coated
FS F-B-2902	(Basic) 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) Boilers, Steam and Hot 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	Feeders, Boiler Water Treatment, By-Pass and Compound Receiver Types
FS F-F-351	(Rev F) Filters and Filter Elements, Fluid Pressure: Lubricating Oil, Bypass and Full Flow
FS F-P-2908	(Basic) pumping Units, Condensate, Return; and Boiler Feed Package
FS F-T-2907	(Basic) Tanks, Portable Hot Water Storage
FS F-V-2906	(Basic) Valves, Air Venting, Steam
FS FF-B-588	(Rev E) Bolt, Toggle: and Expansion Sleeve, Screw
FS FF-S-325	(Int Amd 3) Shield, Expansion; Nail, Expansion; and Nail, Drive Screw (Devices, Anchoring, Masonry)
FS FF-T-1813	(Basic) Tack
FS HH-I-558	(Rev C) 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) Coating, Pipe, Thermoplastic Resin
FS L-S-125	(Rev B) Screening, Insect, Nonmetallic
FS LLL-B-810	(Rev B) Building Board, (Hardboard) Hard Pressed, Vegetable Fiber
FS MM-L-736	(1983c) Lumber; Hardwood
FS MM-L-751	(Rev H) Lumber; Softwood
FS MM-T-371	(Rev E) Ties, Railroad, Wood (Cross and Switch)
FS MMM-A-001993	(1978) Adhesive, Epoxy, Flexible, Filled (For Binding, Sealing, and Grouting)
FS O-D-1276	(Rev B) Disinfectant-Detergent, General Purpose (Pine Oil)
FS OO-A-373	(Rev D) Air Conditioners, Single Package Type

FS OO-A-374	(Rev C) Air Conditioners with Remote Condensing Units or Remote Air-Cooled, and Water-Cooled Condenser Units, Unitary
FS QQ-B-654	(Rev A; Notice 1) Brazing Alloys, Silver
FS RR-C-271	(Rev D; Am 1) 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 D) Fencing, Wire and Post, Metal (Chain-Link Fence Fabric)
FS RR-F-191/2	(Rev D) Fencing, Wire and Post, Metal (Chain-Link Fence Gates)
FS RR-F-191/3	(Rev D) Fencing, Wire and Post, Metal (Chain-Link Fence Posts, Top Rails and Braces)
FS RR-F-191/4	(Rev D) Fencing, Wire and Post, Metal (Chain-Link Fence Accessories)
FS RR-S-331	(Rev D) Shoes: For Wood Piles
FS RR-W-410	(Rev E) Wire Rope and Strand
FS S-R-2834	(Basic) Radiators: Heating, Steel, Multifin Type
FS S-U-2833	(Basic) Unit Heater, Air-Circulating, Steam - Hot Water
FS SS-L-30	(Rev D; Int Am 3) Lath and Board Products, Gypsum
FS SS-S-1401	(Rev C; Am 1) Sealant, Joint, Non-Jet-Fuel-Resistant, Hot-Applied, for Portland Cement and Asphalt Concrete Pavements
FS SS-S-1614	(Rev A; Am 1) Sealants, Joint, Jet-Fuel-Resistant, Hot-Applied, for Portland Cement and Tar Concrete Pavements
FS SS-S-200	(Rev E; Am 2) Sealant, Joint, Two-Component, Jet-Blast-Resistant, Cold-Applied, for Portland Cement Concrete Pavement
FS SS-S-210	(Rev A, Am 1) Sealing Compound, Preformed Plastic, for Expansion Joints and Pipe Joints
FS SS-W-40	(Rev A; Int Am 1, Notice 1) Wall Base: Rubber, and Vinyl Plastic
FS TT-B-1325	(Rev C) Beads (Glass Spheres) Retro-Reflective (Metric)
FS TT-C-490	(1990; Am 2) Cleaning Methods for Ferrous Surfaces

and Pretreatments for Organic Coatings

FS TT-C-520	(Rev B; Am 1) Coating Compound, Bituminous, Solvent Type, Underbody (for Motor Vehicles)
FS TT-C-542	(Rev F; Notice 1) Coating, Polyurethane, Oil-Free, Moisture Curing
FS TT-E-1593	(Rev B) Enamel, Silicone Alkyd Copolymer, Gloss (For Exterior and Interior Use)
FS TT-E-489	(Rev J; Notice 1) Enamel, Alkyd, Glass, Low VOC Content
FS TT-E-491	(Rev C) Enamel; Gloss, Synthetic (for Metal and Wood Furniture)
FS TT-E-751	(Rev C) Ethyl Acetate
FS TT-F-336	(Rev E) Filler, Wood, Paste
FS TT-P-115	(Rev F) Paint, Traffic (Highway, White and Yellow)
FS TT-P-1952	(Rev D) Paint, Traffic and Airfield Markings, Waterborne
FS TT-P-28	(Rev G) Paint, Aluminum, Heat Resisting (1200 Degrees F.)
FS TT-P-38	(Rev E) Paint, Aluminum, Ready-Mixed
FS TT-P-645	(Rev B) Primer, Paint, Zinc-Molybdate, Alkyd Type
FS TT-P-650	(Rev D) Primer Coating, Latex Base, Interior, White (for Gypsum Wallboard, or Plaster)
FS TT-S-001543	(Rev A) Sealing Compound: Silicone Rubber Base (For Calking, Sealing, and Glazing in Buildings and Other Structures)
FS TT-V-121	(Rev H) Varnish, Spar, Water-Resisting
FS UU-B-790	(Rev A) Building Paper, Vegetable Fiber: (Kraft, Waterproofed, Water Repellent and Fire Resistant)
FS W-C-375	(Rev C) Circuit Breakers, Molded Case, Branch Circuit and Service
FS W-H-2904	(Basic) Heaters, Fluid, Deaerating (For Water Only) 1,000 to 1,600,000 Pounds Per Hour Capacity
FS WW-H-191	(Rev E) Heater, Fluid, Industrial (Instantaneous, Steam, Water Converter Type)
FS WW-P-421	(Rev D) Pipe, Cast, Gray and Ductile Iron, Pressure (For Water and Other Liquids)

FS WW-P-541	(1990e; Am 1) Plumbing Fixtures
FS WW-S-2739	(Basic) Strainers, Sediment: Pipeline, Water, Air, Gas, Oil, or Steam
FS XX-C-2816	(Basic) Compressor, Air, Reciprocating or Rotary, Electric Motor Driven, Stationary, 10 HP and Larger
QPL-TNT-AP-28	(2004) Paint, Aluminum, Heat Resisting (1200 Degrees F)

U.S. GREEN BUILDING COUNCIL (USGBC)

LEED	(2002; R 2005) Leadership in Energy and Environmental Design(tm) Green Building Rating System for New Construction (LEED-NC)
LEED Reference Guide	(2005) LEED-NC Reference Guide for New Construction

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

10 CFR 20	Standards for Protection Against Radiation
10 CFR 430	Energy Conservation Program for Consumer Products
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 1910.306	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 1926.16	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 1926.500	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 1926.757	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 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 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
PL 102-486	(1992) Residential Energy Efficiency Ratings
PL 109-58	Energy Policy Act of 2005 (EPA05)

U.S. NAVAL FACILITIES ENGINEERING COMMAND (NAVFAC)

NAVFAC A-A-50570	(1997) Paint, Water-Borne, Acrylic Or Modified Acrylic, Semigloss, For Metal Surfaces
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NAVFAC MO 225	(1990) Industrial Water Treatment
NAVFAC MO 324	(1992) Inspection and Certification of Boilers and Unfired Pressure Vessels
NAVFAC P-355	(1992) Seismic Design for Buildings
ND OPNAVINST 5100.23	(Rev G) Navy Occupational Safety and Health (NAVOSH) Program Manual

U.S. NAVAL FACILITIES ENGINEERING SERVICE CENTER (NFESC)

NFESC CR 80.025	(1980) Testing and Evaluation of Attack Resistance and Hardening Retrofits of Marine Barrack Construction Types to Small Arms Multiple Impact Threat
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U.S. NAVAL SEA SYSTEMS COMMAND (NAVSEA)

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

UL 1	(2005; Rev thru Jul 2007) Standard for Flexible Metal Conduit
UL 1002	(2006) Electrically Operated Valves For Use in Hazardous (Classified) Locations
UL 1004	(1994; Rev thru Mar 2006) Electric Motors
UL 1008	(1996; Rev thru Dec 2007) Standard for Transfer Switch Equipment
UL 1010	(2006) Receptacle-Plug Combinations for Use in Hazardous (Classified) Locations
UL 1012	(2005; Rev thru Oct 2008) Power Units Other than Class 2
UL 1025	(1980; R 1990, Bul. 1991) Electric Air Heaters
UL 1029	(1994; Rev thru Dec 2007) Standard for Safety High-Intensity-Discharge Lamp Ballasts
UL 1034	(2000; Aug 2008) Burglary-Resistant Electric Locking Mechanisms
UL 1037	(1999; Rev thru Nov 2004) Standard for Safety Antitheft Alarms and Devices
UL 1042	(1994; Rev thru Feb 2008) Electric Baseboard Heating Equipment
UL 1059	(2001; Rev thru Dec 2006) Terminal Blocks

UL 1063	(2006) Standard for Safety Machine-Tools Wires and Cables
UL 1066	(1997; Rev thru Oct 2006) Low-Voltage AC and DC Power Circuit Breakers Used in Enclosures
UL 1067	(2006) Electrically Conductive Equipment and Materials for Use in Flammable Anesthetizing Locations
UL 1069	(2007; Rev thru Jan 2009) Standard for Safety Hospital Signaling and Nurse Call Equipment
UL 1072	(2006; Rev thru Sep 2007) Medium-Voltage Power Cables
UL 1076	(1995; Rev thru Mar 2005) Standard for Safety Proprietary Burglar Alarm Units and Systems
UL 1086	(2005; Rev thru Apr 2008) Household Trash Compactors
UL 109	(1997; Rev May 2009) Tube Fittings for Flammable and Combustible Fluids, Refrigeration Service, and Marine Use
UL 10A	(2009) Tin-Clad Fire Doors
UL 10B	(2008; Rev thru Apr 2009) Fire Tests of Door Assemblies
UL 1236	(2006; Rev thru Feb 2009) Standard for Safety Battery Chargers for Charging Engine-Starter Batteries
UL 1242	(2006; Rev thru Jul 2007) Standard for Electrical Intermediate Metal Conduit -- Steel
UL 1247	(200; Rev thru Sep 2008) Diesel Engines for Driving Centrifugal Fire Pumps
UL 125	(2009) Standard for Valves for Anhydrous Ammonia and LP-Gas (Other than Safety Relief)
UL 1256	(2002; Rev thru Jan 2007) Fire Test of Roof Deck Constructions
UL 1283	(2005; Rev thru Feb 2009) Electromagnetic Interference Filters
UL 1286	(2008; Rev thru May 2009) Office Furnishings
UL 1316	(1994; Rev May 2006) Glass-Fiber-Reinforced Plastic Underground Storage Tanks for Petroleum Products, Alcohols, and Alcohol-Gasoline Mixtures
UL 140	(2006; Rev thru Jan 2008) Standard for Relocking Devices for Safes and Vaults

UL 142	(2006; Rev thru Dec 2007) Steel Aboveground Tanks for Flammable and Combustible Liquids
UL 1437	(2006) Electrical Analog Instruments - Panel Board Types
UL 1449	(2006; Rev thru Jun 2009) Surge Protective Devices
UL 1479	(2003; Rev thru Dec 2008) Standard for Fire Tests of Through-Penetration Fire Stops
UL 1480	(2003; Rev thru Dec 2006); Standard for Safety Speakers for Fire Alarm, Emergency, and Commercial and Professional Use
UL 1492	(1996; Rev May 2004) Safety Audio-Video Products and Accessories
UL 14B	(2008) Sliding Hardware for Standard, Horizontally Mounted Tin-Clad Fire Doors
UL 14C	(2006; Rev thru Dec 2008) Swinging Hardware for Standard Tin-Clad Fire Doors Mounted Singly and in Pairs
UL 154	(2005; Rev thru Apr 2009) Standards for Carbon Dioxide Fire Extinguishers
UL 155	(2005) Standard Tests for Fire Resistance of Vault and File Room Doors
UL 1558	(1999; Rev thru Jun 2009) Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear
UL 1561	(1999; Rev thru Sep 2005) Dry-Type General Purpose and Power Transformers
UL 1569	(1999; Rev thru Jun 2009) Metal-Clad Cables
UL 1581	(2001; Rev thru Jul 2008) Reference Standard for Electrical Wires, Cables, and Flexible Cords
UL 1598	(2008; Rev thru Feb 2009) Luminaires
UL 1610	(1998; Rev thru Aug 2005) Central-Station Burglar-Alarm Units
UL 1635	(1996; Rev thru Aug 2005) Digital Alarm Communicator System Units
UL 1638	(2001; Rev thru Oct 2008) Visual Signaling Appliances - Private Mode Emergency and General Utility Signaling
UL 1660	(2004; Rev thru Jan 2005) Liquid-Tight Flexible Nonmetallic Conduit

UL 1666	(2007) Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts
UL 1684	(2000; Rev thru Aug 2004) Reinforced Thermosetting Resin Conduit (RTRC) and Fittings
UL 1686	(2007) Pin and Sleeve Configurations
UL 1699	(1999; Rev thru May 2003) Arc-Fault Circuit-Interrupters
UL 1738	(1993; Rev thru Oct 2006) Venting Systems for Gas-Burning Appliances, Categories II, III and IV
UL 174	(2004; Rev thru Apr 2009) Household Electric Storage Tank Water Heaters
UL 1746	(2007) External Corrosion Protection Systems for Steel Underground Storage Tanks
UL 1778	(2005; Rev thru Jul 2006) Uninterruptible Power Systems
UL 181	(2005; Rev thru Oct 2008) Standard for Factory-Made Air Ducts and Air Connectors
UL 1863	(2004; Rev thru Aug 2008) Communication Circuit Accessories
UL 19	(2001) Standard for Lined Fire Hose and Hose Assemblies
UL 1951	(1994; Rev thru Oct 2008) Standard for Electric Plumbing Accessories
UL 197	(2003; Rev thru Mar 2006) Commercial Electric Cooking Appliances
UL 1971	(2002; Rev thru Oct 2008) Signaling Devices for the Hearing Impaired
UL 1981	(2003) Central Station Automation Systems
UL 198M	(2003; Rev thru Oct 2007) Mine-Duty Fuses
UL 1995	(2005) Standard for Heating and Cooling Equipment
UL 1996	(2004; Rev Dec 2006) Standard for Electric Duct Heaters
UL 20	(2000 ; Rev thru Dec 2008) Standard for General-Use Snap Switches
UL 2017	(2008) Standard for Safety for General-Purpose Signaling Devices and Systems

UL 2034	(2008; Rev thru 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) National Industrial Security Systems
UL 207	(2009) Standard for Refrigerant-Containing Components and Accessories, Nonelectrical
UL 2079	(2004; Mar 2006) Tests for Fire Resistance of Building Joint Systems
UL 2085	(1997; Rev thru Dec 1999) Protected Aboveground Tanks for Flammable and Combustible Liquids
UL 209	(2005; Rev thru May 2007) Cellular Metal Floor Raceways and Fittings
UL 2129	(2005; Rev thru Jan 2007) Standards for Halocarbon Clean Agent Fire Extinguishers
UL 214	(1997; Rev thru Aug 2001) Tests for Flame-Propagation of Fabrics and Films
UL 228	(2006; Rev thru Nov 2008) Door Closers-Holders, With or Without Integral Smoke Detectors
UL 231	(2008) Power Outlets
UL 246	(1993; Rev thru Dec 1998) Hydrants for Fire-Protection Service
UL 250	(1993; Rev thru Aug 2000) Household Refrigerators and Freezers
UL 262	(2004) Standard for Gate Valves for Fire-Protection Service
UL 263	(2003; Rev thru Oct 2007) Fire Tests of Building Construction and Materials
UL 268	(2006) Standard for Smoke Detectors for Fire Alarm Signaling Systems
UL 268A	(2008) Smoke Detectors for Duct Application
UL 294	(1999; Rev thru Aug 2005) Access Control System Units
UL 296	(2003; Rev thru Jan 2009) Oil Burners
UL 299	(2002; Rev thru Apr 20097) Standards for Dry Chemical Fire Extinguishers

UL 312	(2004; Rev thru Jun 2009) Check Valves for Fire-Protection Service
UL 325	(2002; Rev thru Jun 2009) Door, Drapery, Gate, Louver, and Window Operators and Systems
UL 33	(2003; Rev thru Sep 2005) Heat Responsive Links for Fire-Protection Service
UL 346	(2005) Waterflow Indicators for Fire Protective Signaling Systems
UL 353	(1994; Rev thru Jun 2009) Limit Controls
UL 360	(2009; Rev thru Jun 2009) Liquid-Tight Flexible Steel Conduit
UL 38	(2008; Rev thru Dec 2008) Standard for Signaling Boxes for Fire Alarm Systems
UL 4	(2004; Rev thru Oct 2008) Armored Cable
UL 412	(2004; Rev thru Jan 2009) Refrigeration Unit Coolers
UL 427	(2006; Rev thru Mar 2009) Refrigerating Units
UL 429	(1999; Rev thru Dec 2008) Electrically Operated Valves
UL 430	(2004; Rev thru Nov 2007) Waste Disposers
UL 437	(2000; Rev thru Jul 2008) Key Locks
UL 44	(2005; Rev thru Nov 2005) Thermoset-Insulated Wires and Cables
UL 441	(1996; Rev thru Aug 2006) Gas Vents
UL 444	(2008; Rev thru Jul 2008) Communications Cables
UL 448	(2007) Pumps for Fire-Protection Service
UL 464	(2003; Rev thru Feb 2008) Standard for Audible Signal Appliances
UL 467	(2007) Standard for Grounding and Bonding Equipment
UL 471	(2006; Rev thru Oct 2008) Commercial Refrigerators and Freezers
UL 484	(2007; Rev thru Mar 2009) Room Air Conditioners
UL 486A-486B	(2003; Rev thru Apr 2009) Standard for Wire Connectors
UL 486C	(2004; Rev thru Apr 2009) Standard for Splicing



## Wire Connectors

UL 486E	(2009) Equipment Wiring Terminals for Use with Aluminum and/or Copper Conductors
UL 489	(2002; Rev thru Mar 2009) Standard for Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures
UL 497	(2001; Rev thru Apr 2009) Protectors for Paired Conductor Communication Circuits
UL 497B	(2004; Rev thru Oct 2008) Protectors for Data Communication and Fire Alarm Circuits
UL 498	(2001; Rev thru Jul 2009) Attachment Plugs and Receptacles
UL 499	(2005; Rev thru May 2009) Electric Heating Appliances
UL 5	(2004; Rev thru May 2007) Surface Metal Raceways and Fittings
UL 50	(2007) Standard for Enclosures for Electrical Equipment
UL 506	(2000; Rev thru May 2006) Standard for Specialty Transformers
UL 507	(1999; Rev thru Apr 2007) Electric Fans
UL 508	(1999; Rev thru Sep 2008) Standard for Industrial Control Equipment
UL 5085-3	(2006e1; Rev thru Jun 2007) UL Standard for Safety Standard Low Voltage Transformers - Part 3: Class 2 and Class 3 Transformers
UL 508A	(2001; Rev thru Dec 2007) Standard for Industrial Control Panels
UL 508C	(2002; Rev thru Feb 2008) Power Conversion Equipment
UL 510	(2005; Rev thru Aug 2005) Polyvinyl Chloride, Polyethylene, and Rubber Insulating Tape
UL 512	(1993; Rev thru Jan 2008) Fuseholders
UL 514A	(2004; Rev thru Aug 2007) Standard for Metallic Outlet Boxes
UL 514B	(2004; Rev thru Aug 2007) Standard for Conduit, Tubing and Cable Fittings
UL 514C	(1996; Rev thru Dec 2008) Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers

UL 521	(1999; Rev thru Jul 2005) Heat Detectors for Fire Protective Signaling Systems
UL 536	(1997; Rev thru Jun 2003) Standard for Flexible Metallic Hose
UL 544	(1998; Rev thru Jul 1999) Medical and Dental Equipment
UL 555	(2006; Rev thru Feb 2009) Standard for Fire Dampers
UL 555S	(1999; Rev thru Mar 2009) Smoke Dampers
UL 567	(2003; Rev thru Oct 2004) Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Petroleum Products and LP-Gas
UL 574	(2003; Rev thru Apr 2009) Electric Oil Heaters
UL 58	(1996; Rev thru Jul 1998) Steel Underground Tanks for Flammable and Combustible Liquids
UL 580	(2006; Rev thru Jul 2009) Tests for Uplift Resistance of Roof Assemblies
UL 586	(1996; Rev thru Aug 2008) Standard for High-Efficiency Particulate, Air Filter Units
UL 595	(1985; Rev thru Sep 1991) Marine-Type Electric Lighting Fixtures
UL 5A	(2003; Rev thru Aug 2008) Nonmetallic Surface Raceways and Fittings
UL 6	(2007) Standard for Electrical Rigid Metal Conduit-Steel
UL 609	(1996; Rev thru Mar 2005) Local Burglar Alarm Units and Systems
UL 60950	(2000; Rev thru Oct 2007) Safety of Information Processing and Business Equipment
UL 626	(2005; Rev thru Jan 2007) Standards for Water Fire Extinguishers
UL 632	(2000) Electrically-Actuated Transmitters
UL 634	(2007) Connectors and Switches for Use with Burglar-Alarm Systems
UL 636	(1996; Rev thru Oct 2008) Holdup Alarm Units and Systems
UL 639	(2007) Intrusion Detection Units
UL 641	(1995; Rev thru Jul 2009) Type L, Low-Temperature

## Venting Systems

- UL 651 (2005; Rev thru May 2007) Standard for Schedule 40 and 80 Rigid PVC Conduit and Fittings
- UL 651A (2000; Rev thru Sep 2007) Type EB and A Rigid PVC Conduit and HDPE Conduit
- UL 668 (2004; Rev thru Aug 2008) Hose Valves for Fire Protection Service
- UL 67 (2009) Standard for Panelboards
- UL 674 (2003; Rev thru Aug 2008) Standard for Electric Motors and Generators for Use in Division 1 Hazardous (Classified) Locations
- UL 681 (1999; Rev thru Jan 2001) Installation and Classification of Burglar and Holdup Alarm Systems
- UL 698 (2006) Industrial Control Equipment for Hazardous (Classified) Locations
- UL 6A (2008) Electrical Rigid Metal Conduit - Aluminum, Red Brass, and Stainless Steel
- UL 705 (2004; Rev thru Mar 2009) Standard for Power Ventilators
- UL 710 (1995; Rev thru Feb 2007) Exhaust Hoods for Commercial Cooking Equipment
- UL 719 (2006; Rev thru Oct 2007) Nonmetallic-Sheathed Cables
- UL 723 (2008) Standard for Test for Surface Burning Characteristics of Building Materials
- UL 726 (1995; Rev thru Mar 2006) Oil-Fired Boiler Assemblies
- UL 727 (2006) Oil-Fired Central Furnaces
- UL 731 (1995; Rev thru Dec 2008) Oil-Fired Unit Heaters
- UL 732 (1995; Rev thru Feb 2005) Oil-Fired Storage Tank Water Heaters
- UL 746C (2004; Rev thru Feb 2006) Polymeric Materials - Use in Electrical Equipment Evaluations
- UL 749 (2008) Household Dishwashers
- UL 752 (2005; Rev thru Dec 2006) Bullet-Resisting Equipment
- UL 763 (2000; Rev thru Dec 2007) Standard Specification for Motor-Operated Commercial Food Preparing

## Machines

- UL 768 (2006; Rev thru Mar 2007) Standard for Combination Locks
- UL 773 (1995; Rev thru Mar 2002) Standard for Plug-In Locking Type Photocontrols for Use with Area Lighting
- UL 773A (2006) Nonindustrial Photoelectric Switches for Lighting Control
- UL 778 (2002; Rev thru Feb 2006) UL Standard for Safety Motor-Operated Water Pumps
- UL 779 (1995; Rev thru Nov 2005) Electrically Conductive Floorings
- UL 789 (2004; Rev thru Aug 2008) Indicator Posts for Fire-Protection Service
- UL 790 (2004; Rev thru Oct 2008) Test Methods for Fire Tests of Roof Coverings
- UL 795 (2006) Commercial-Industrial Gas Heating Equipment
- UL 796 (2006; Rev thru Apr 2009) Printed-Wiring Boards
- UL 797 (2007) Standard for Electrical Metallic Tubing -- Steel
- UL 8 (2005; Rev thru Apr 2009) Standards for Water Base Agent Fire Extinguishers
- UL 80 (2007; Rev thru Jan 2008) Steel Tanks for Oil-Burner Fuel
- UL 817 (2001; Rev thru Jul 2009) Cord Sets and Power-Supply Cords
- UL 823 (2006; Rev thru Nov 2007) Electric Heaters for Use in Hazardous (Classified) Locations
- UL 827 (1996; Rev thru Jan 2007) Central Station Alarm Services
- UL 83 (20086) Standard for Thermoplastic-Insulated Wires and Cables
- UL 842 (2007) Standard for Valves for Flammable Fluids
- UL 844 (2006; Rev thru Nov 2008) Standard for Electric Lighting Fixtures for Use in Hazardous (Classified) Locations
- UL 845 (2005; Rev thru Aug 2006) Standard for Motor Control Centers

UL 854	(2004; Rev thru Oct 2007) Service-Entrance Cables
UL 857	(2009) Busways
UL 858	(2005; Rev thru Nov 2007) Household Electric Ranges
UL 860	(2001) Standard for Pipe Unions for Flammable and Combustible Fluids and Fire-Protection Service
UL 864	(2003; Rev thru May 2007) Control Units and Accessories for Fire Alarm Systems
UL 869A	(2006) Reference Standard for Service Equipment
UL 870	(1995; Rev thru Jul 2003) Standard for Wireways, Auxiliary Gutters, and Associated Fittings
UL 873	(2007) Temperature-Indicating and -Regulating Equipment
UL 877	(1993; Rev thru Nov 1999) Circuit Breakers and Circuit-Breaker Enclosures for Use in Hazardous (Classified) Locations
UL 886	(1994; Rev thru Nov 2005) Outlet Boxes and Fittings for Use in Hazardous (Classified) Locations
UL 891	(2005) Dead-Front Switchboards
UL 894	(1993; Rev thru Feb 2009) Switches for Use in Hazardous (Classified) Locations
UL 9	(2009) Fire Tests of Window Assemblies
UL 900	(2004; Rev thru Nov 2007) Standard for Air Filter Units
UL 910	(1998) Test for Flame-Propagation and Smoke-Density Values for Electrical and Optical-Fiber Cables Used in Spaces Transporting Environmental Air
UL 916	(2007) Energy Management Equipment
UL 921	(2006) Commercial Electric Dishwashers
UL 923	(20087) Microwave Cooking Appliances
UL 924	(2006; Rev thru Jan 2009) Standard for Emergency Lighting and Power Equipment
UL 935	(2001; Rev thru Dec 2007) Standard for Fluorescent-Lamp Ballasts
UL 94	(1996; Rev thru Jun 2009) Tests for Flammability of Plastic Materials for Parts in Devices and Appliances

UL 943	(2006; Rev thru Feb 2008) Ground-Fault Circuit-Interrupters
UL 96	(2005) Standard for Lightning Protection Components
UL 969	(1995; Rev thru Nov 2008) Marking and Labeling Systems
UL 96A	(2007) Standard for Installation Requirements for Lightning Protection Systems
UL 972	(2006) Burglary Resisting Glazing Material
UL 98	(2004; Rev thru Apr 2006) Enclosed and Dead-Front Switches
UL 984	(1996; Rev thru Sept 2005) Hermetic Refrigerant Motor-Compressors
UL 997	(1995; Rev Jul 1998) Wind Resistance of Prepared Roof Covering Materials
UL Bld Mat Dir	(2009) Building Materials Directory
UL Elec Equip Dir	(2009) Electrical Appliance and Utilization Equipment Directory
UL Electrical Constructn	(2009) Electrical Construction Equipment Directory
UL Fire Prot Dir	(2009) Fire Protection Equipment Directory
UL Fire Resistance	(2009) Fire Resistance Directory
UL Gas&Oil Dir	(2008) Flammable and Combustible Liquids and Gases Equipment Directory
UL MEAPD	(2003) Mechanical Equipment and Associated Products Directory
UL RMSD	(2009) Roofing Materials and Systems Directory

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UBPPA UNI-B-3	(1992) Recommended Practice for the Installation of Polyvinyl Chloride (PVC) Pressure Pipe (Nominal Diameters 4-36 Inch)
UBPPA UNI-B-6	(1998) Recommended Practice for Low-Pressure Air Testing of Installed Sewer Pipe
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WATER ENVIRONMENT FEDERATION (WEF)

WEF MOP OM-5 (1984) Prime Movers: Engines, Motors, Turbines, Pumps, Blowers & Generators

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WQA S-100 (1995) Household Commercial and Portable Exchange Water Softeners an Equipment Validation Standard

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WCLIB 17 (2000) Standard Grading Rules

WESTERN WOOD PRESERVERS INSTITUTE (WWPI)

WWPI Mgt Practices (1996) Best Management Practices for the Use of Treated Wood in Aquatic Environments

WESTERN WOOD PRODUCTS ASSOCIATION (WWPA)

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WDMA I.S. 1-A (1997) Architectural Wood Flush Doors

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WDMA I.S. 6 (1997) Wood Stile and Rail Doors

WDMA TM-5 (1990) Split Resistance Test Method

WDMA TM-7 (1990) Cycle Slam Test Method

WDMA TM-8 (1990) Hinge Loading Test Method

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WMMPA WM 6 (1987) Industry Standard for Non-Pressure Treating of Wood Millwork

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Woolmark (1964) Certification for Use of 100 Percent Wool