

Handbook for Concrete and Cement
Table of Contents
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Standards and Specifications that are dual CRD-C and ASTM or ACI may be obtained from those organizations.

1-93	ACI Standard Practice for Selecting Proportions for Structural Lightweight Concrete (ACI 211.2-91)
2-93	ACI Standard Practice for Selecting Proportions for No-Slump Concrete (ACI 211.3-75) (Revised 1987) (Reapproved 1992)
3-94	Standard Test Method for Temperature of Freshly Mixed Concrete (ASTM C 1064-86 (Reapproved 1993)).
4-91	Standard Practice for Sampling Freshly Mixed Concrete (ASTM C 172-90)
5-92	Standard Test Method for Slump of Hydraulic Cement Concrete (ASTM C 143-90a)
6-74	Method of Test for Remolding Effort of Freshly Mixed Concrete
7-94	Standard Test Method for Unit Weight, Yield, and Air Content (Gravimetric) of Concrete (ASTM C 138-92)
8-96	Standard Test Method for Air Content of Freshly Mixed Concrete by the Volumetric Method (ASTM C 173-94)
9-93	Standard Test Methods for Bleeding of Concrete (ASTM C 232-92)
10-97	Standard Practice for Making and Curing Concrete Test Specimens in the Laboratory (ASTM C 192/192M-95)
11-97	Standard Practice for Making and Curing Concrete Test Specimens in the Field (ASTM C 31/31M-95)
12-97	Standard Test Method for Air-Entraining Admixtures for Concrete (ASTM C 233-95)
13-97	Standard Specification for Air-Entraining Admixtures for Concrete (ASTM C 260-95)
14-96	Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens (ASTM C 39-94)
15-92	Standard Test Method for Compressive Strength of Concrete Using Portions of Beams Broken in Flexure (ASTM C 116-90)
16-94	Standard Test Method for Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading) (ASTM C 78-94)
17-94	Standard Test Method for Flexural Strength of Concrete (Using Simple Beam with Center-Point Loading) (ASTM C 293-94)
18-93	Standard Test Method for Fundamental Transverse, Longitudinal, and Torsional Frequencies of Concrete Specimens (ASTM C 215- 91)
19-94	Standard Test Method for Static Modulus of Elasticity and Poisson's Ratio of Concrete in Compression (ASTM C 469-94)
20-94	Standard Test Method for Resistance of Concrete to Rapid Freezing and Thawing (ASTM C 666-92)
21	Withdrawn

- 22-96 Standard Test Method for Rebound Number of Hardened Concrete (ASTM C 805-94)
- 23-91 Standard Test Method for Specific Gravity, Absorption, and Voids in Hardened Concrete (ASTM C 642-90)
- 24-01 Standard Test Method for Comparing Concretes on the Basis of the Bond Developed with Reinforcing Steel
- 25-94 Standard Test Method for Length Change of Hardened Hydraulic-Cement Mortar and Concrete (ASTM C 157-93)
- 26-96 Standard Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete (ASTM C 42-94)
- 27-96 Standard Test Method for Measuring Length of Drilled Concrete Cores (ASTM C 174-87 (Reapproved 1991))
- 28-93 Standard Practice for Capping Cylindrical Concrete Specimens (ASTM C 617-94)
- 29-94 Standard Practice for Examination and Sampling of Hardened Concrete in Constructions (ASTM C 823-95)
- 30-87 Standard Test Method for Cement Content of Hardened Portland Cement Concrete (ASTM C 85-66 (Reapproved 1973))
- 31-97 Standard Specification for Ready-Mixed Concrete (ASTM C 94-96)
- 32-84 Standard Test Method for Flow Under Water of Hydraulic-Cement Concrete
- 33-96 Standard Test Method for Restrained Expansion of Shrinkage-Compensating Concrete (ASTM C 878-95a)
- 34-48 Withdrawn
- 35-59 Withdrawn
- 36-73 Method of Test for Thermal Diffusivity of Concrete
- 37-73 Method of Test for Thermal Diffusivity of Mass Concrete
- 38-73 Method of Test for Temperature Rise in Concrete
- 39-81 Test Method for Coefficient of Linear Thermal Expansion of Concrete
- 40-94 Standard Test Method for Critical Dilation of Concrete Specimens Subjected to Freezing (ASTM C 671-94)
- 41-93 Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method (ASTM C 231-916)
- 42-92 Standard Practice for Microscopical Determination of Air-Void Content and Parameters of the Air-Void System in Hardened Concrete (ASTM C 457-90)
- 43-96 Standard Terminology Relating to Concrete and Concrete Aggregates (ASTM C 125-94Ñ)
- 44-63 Method for Calculation of Thermal Conductivity of Concrete
- 45-65 Method of Test for Thermal Conductivity of Lightweight Insulating Concrete
- 46-94 Standard Test Method for Ball Penetration in Fresh Portland Cement Concrete (ASTM C 360-92)
- 47-94 Standard Method of Test for Scaling Resistance of Concrete Surfaces Exposed to Deicing Chemicals (ASTM C 672-92)
- 48-92 Standard Test Method for Water Permeability of Concrete
- 49-74 Supplementary Standard Methods of Making and Curing Concrete Test Specimens in the Laboratory

- 50-69 Method of Test for Effect of Grinding During Concrete Mixing on the Grading of Aggregates
- 51-93 Standard Method of Test for Pulse Velocity Through Concrete (ASTM C 597-83 Reapproved 1991)
- 52-97 Standard Test Method for Abrasion Resistance of Concrete or Mortar Surfaces by the Rotating-Cutter Method (ASTM C 944-95)
- 53-01 Test Method for Consistency of No-Slump Concrete Using the Modified Vebe Apparatus
- 54-94 Standard Test Method for Creep of Concrete in Compression (ASTM C 512-87 (Reapproved 1994))
- 55-92 Test Method for Within-Batch Uniformity of Freshly Mixed Concrete
- 56-94 Standard Practice for Use of Apparatus for the Determination of Length Change of Hardened Cement Paste, Mortar, and Concrete (ASTM C 490-93a)
- 57-97 Standard Practice for Petrographic Examination of Hardened Concrete (ASTM C 856-95)
- 58-92 Standard Test Method for Abrasion Resistance of Concrete by Sandblasting (ASTM C 418-90)
- 59-91 Standard Test Method for Penetration Resistance of Hardened Concrete (ASTM C 803-90)
- 60-97 Standard Test Method for Abrasion Resistance of Horizontal Concrete Surfaces (ASTM C 779-95)
- 61-89A Test Method for Determining the Resistance of Freshly Mixed Concrete to Washing Out in Water
- 62-69 Method of Testing Cylindrical Test Specimens for Planeness and Parallelism of Ends and Perpendicularity of Sides
- 63-91 Standard Test Method for Abrasion Resistance of Concrete (Underwater Method) (ASTM C 1138-89)
- 64-94 Standard Test Methods for Density of Unhardened and Hardened Concrete In Place by Nuclear Methods (ASTM C 1040-93)
- 65-94 Standard Test Method for Flexural Toughness and First-Crack Strength of Fiber-Reinforced Concrete (Using Beam With Third-Point Loading) (ASTM C 1018-94b)
- 66-94 Standard Test Method for Compressive Strength of Concrete Cylinders Cast In Place in Cylindrical Molds (ASTM C 873-94)
- 67-94 Standard Test Method for Time of Flow of Fiber-Reinforced Concrete Through Inverted Slump Cone (ASTM C 995-94)
- 68-96 Standard Test Method for Change in Height at Early Ages of Cylindrical Specimens from Cementitious Mixtures (ASTM C 827-95a)
- 69-91 Standard Test Method for Length Change of Drilled or Sawed Specimens of Hydraulic Cement Mortar and Concrete (ASTM C 341-89)
- 70-96 Standard Practice for Estimating Concrete Strength by the Maturity Method (ASTM C 1074-93)
- 71-80 Standard Test Method for Ultimate Tensile Strain Capacity of Concrete
- 72-01 Standard Test Methods for Determining the Cement Content of Freshly Mixed Concrete

- 73-96 Standard Test Method for Drying Shrinkage of Concrete Block (ASTM C 426-70 (Reapproved 1993))
- 74-97 Standard Specification for Packaged, Dry, Combined Materials for Mortar and Concrete (ASTM C 387-95)
- 75-92 Standard Test Method for Unit Weight of Structural Lightweight Concrete (ASTM C 567-91)
- 76-89 Standard Method of Test for Moisture Condition of Hardened Concrete by-the Relative Humidity Method (ASTM C 427-64)
- 77-97 Standard Test Method for Splitting Tensile Strength of Cylindrical Concrete Specimens (ASTM C 496-96)
- 78-96 Standard Test Method for Pullout Strength of Hardened Concrete (ASTM C 900-94)
- 79-94 Standard Specification for Pigments for Integrally Colored Concrete (ASTM C 979-82 (Reapproved 1993))
- 80-93 Standard Specification for Packaged, Dry, Rapid-Hardening Cementitious Materials for Concrete Repairs (ASTM C 928-92a)
- 81-93 Standard Specification for Foaming Agents Used in Making Pre-formed Foam for Cellular Concrete (ASTM C 869-91)
- 82-01 Standard Test Methods for Determining the Water Content of Freshly Mixed Concrete
- 83 Withdrawn
- 84-92 Standard Practice for Making Test Cylinders and Prisms for Determining Strength and Density of Preplaced-Aggregate in the Laboratory (ASTM C 943-80 (Reapproved 1990))
- 85-93 Standard Test Method for Portland-Cement Content of Hardened Hydraulic-Cement Concrete (ASTM C 1084-92)
- 86-96 Standard Test Method for Time of Setting of Concrete Mixtures by Penetration Resistance (ASTM C 403M-95)
- 87-93 Standard Specification for Chemical Admixtures for Concrete (ASTM C 494-92)
- 88-93 Standard Specification for Chemical Admixtures for Use in Producing Flowing Concrete (ASTM C 1017-92)
- 89-64 Method of Test for Longitudinal Shear Strength, Unconfined, Single Plane
- 90-73 Method of Test for Transverse Shear Strength, Confined, Single Plane or Double Plane
- 91-93 Standard Test Method for Compressive Strength of Lightweight Insulating Concrete (ASTM C 495-91a)
- 92-97 Standard Test Method for Obtaining and Testing Specimens of Hardened Lightweight Insulating Concrete for Compressive Strength (ASTM C 513-89(95))
- 93-93 Standard Test Method for Determining the Mechanical Properties of Hardened Concrete Under Triaxial Loads (ASTM C 801-91)
- 94-66 Corps of Engineers Specification for Surface Retarders
- 95-94 Standard Test Method for Developing Early-Age Compression Test Values and Projecting Later-Age Strengths (ASTM C 918-93)

- 96-94 Standard Specification for Molds for Forming Concrete Test Cylinders Vertically (ASTM C 470-94)
- 97-96 Standard Test Method for Making, Accelerated Curing, and Testing Concrete Compression Test Specimens (ASTM C 684-95)
- 98-97 Standard Specification for Concrete Made by Volumetric Batching and Continuous Mixing (ASTM C 685-95a)
- 99-89 Standard Practice for Selecting Proportions for Normal, Heavyweight, and Mass Concrete (ACI 211.1-91)
- 100-75 Method of Sampling Concrete Aggregate and Aggregate Sources, and Selection of Material for Testing
- 101 Withdrawn
- 102-96 Standard Specification for Wire-Cloth Sieves for Testing Purposes (ASTM E 11-95)
- 103-96 Standard Method for Sieve Analysis of Fine and Coarse Aggregates (ASTM C 136-95a)
- 104-80 Method of Calculation of the Fineness Modulus of Aggregate
- 105-96 Standard Test Method for Materials Finer than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing (ASTM C 117-95)
- 106-93 Standard Test Method for Unit Weight and Voids in Aggregate (ASTM C 29/C 29M-91a)
- 107-94 Standard Test Method for Specific Gravity, and Absorption of Coarse Aggregate (ASTM C 127-88 (Reapproved 1993))
- 108-94 Standard Test Method for Specific Gravity and Absorption of Fine Aggregate (ASTM C 128-93)
- 109 Withdrawn
- 110 Withdrawn
- 111-96 Standard Test Method for Surface Moisture in Fine Aggregate (ASTM C 70-94)
- 112-69 Method of Test for Surface Moisture in Aggregate by Water Displacement
- 113-97 Standard Test Method for Total Moisture Content of Aggregate by Drying (ASTM C 566-96)
- 114-97 Test Method for Soundness of Aggregates by Freezing and Thawing of Concrete Specimens
- 115-94 Standard Practice for Evaluation of Frost Resistance of Coarse Aggregates in Air-Entrained Concrete by Critical Dilation Procedures (ASTM C 682-94)
- 116-97 Standard Method of Test for Effect of Organic Impurities in Fine Aggregate on Strength of Mortar (ASTM C 87-83 (Reapproved 1995))
- 117-91 Standard Test Method for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine (ASTM C 131-89)
- 118-94 Standard Practice for Reducing Field Samples of Aggregate to Testing Size (ASTM C 702-93)
- 119-91 Standard Method of Test for Flat or Elongated Particles in Coarse Aggregate (ASTM D 4791-89)
- 120-94 Test Method for Flat and Elongated Particles in Fine Aggregate

- 121-94 Standard Test Method for Organic Impurities in Fine Aggregates for Concrete (ASTM C 40-94)
- 122-96 Standard Test Method for Lightweight Pieces in Aggregate (ASTM C 123-94)
- 123-92 Standard Test Method for Potential Alkali Reactivity of Cement-Aggregate Combinations (Mortar-Bar Method) (ASTM C 227-90)
- 124-73 Method of Test for Specific Heat of Aggregates, Concrete, and Other Materials (Method of Mixtures)
- 125-63 Method of Test for Coefficient of Linear Thermal Expansion of Coarse Aggregate (Strain-Gage Method)
- 126-63 Method of Test for Coefficient of Thermal Expansion of Mortar
- 127-92 Standard Practice for Petrographic Examination of Aggregates for Concrete (ASTM C 295-90)
- 128-94 Standard Test Method for Potential Reactivity of Aggregates (Chemical Method) (ASTM C 289-94)
- 129-96 Standard Test Method for Index of Aggregate Particle Shape and Texture (ASTM D 3398-93)
- 130-01 Standard Recommended Practice for Estimating Scratch Hardness of Coarse Aggregate Particles
- 131-97 Standard Test Method for Length Change of Concrete Due to Alkali-Carbonate Rock Reaction (ASTM C 1105-95)
- 132-92 Standard Test Method for Staining Materials in Lightweight Concrete Aggregates (ASTM C 641-82 (Reapproved 1991))
- 133-94 Standard Specification for Concrete Aggregates (ASTM C 33-93)
- 134-91 Standard Specification for Lightweight Aggregates for Structural Concrete (ASTM C 330-89)
- 135-94 Standard Specification for Lightweight Aggregates for Concrete Masonry Units (ASTM C 331-94)
- 136-93 Standard Specification for Lightweight Aggregates for Insulating Concrete (ASTM C 332-87 (Reapproved 1991))
- 137-92 Standard Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate (ASTM C 88-90)
- 138-97 Standard Specification for Inorganic Aggregates for Use in Gypsum Plaster (ASTM C 35-95)
- 139-92 Standard Descriptive Nomenclature of Constituents of Natural Mineral Aggregates (ASTM C 294-86 (Reapproved 1991))
- 140-91 Standard Test Method for Potential Volume Change of Cement-Aggregate Combinations (ASTM C 342-90)
- 141-96 Standard Test Method for Degradation of Fine Aggregate Due to Attrition (ASTM C 137-90)
- 142-91 Standard Test Method for Clay Lumps and Friable Particles in Aggregates (ASTM C 142-78 (Reapproved 1990))
- 143-62 Specifications for Meters for Automatic Indication of Moisture in Fine Aggregates
- 144-92 Standard Test Method for Resistance of Rock to Freezing and Thawing

- 145-91 Standard Test Method for Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine (ASTM C 535-89)
- 146-93 Standard Test Method for Potential Alkali Reactivity of Carbonate Rocks for Concrete Aggregates (Rock Cylinder Method) (ASTM C 586-92)
- 147 Withdrawn
- 148-69 Method of Testing Stone for Expansive Breakdown on Soaking in Ethylene Glycol
- 149 Withdrawn
- 150 Withdrawn
- 151 Withdrawn
- 152-92 Standard Specification for Aggregates for Radiation-Shielding Concrete (ASTM C 637-90)
- 153-93 Standard Descriptive Nomenclature of Constituents of Aggregates for Radiation- Shielding Concrete (ASTM C 638-92)
- 154-77 Standard Test Method for Determination of Moisture in Fine Aggregate for Concrete by Means of a Calcium-Carbide Gas Pressure Meter
- 155-94 Standard Practice for Sampling Aggregate (ASTM D 75-87 (Reapproved 1992))
- 156-96 Standard Specification for Standard Sand (ASTM C 778-92)
- 157-96 Standard Practice for Evaluation of Rock to be Used for Erosion Control (ASTM D 4992-94)
- 158-93 Standard Practice for Calculating Thermal Diffusivity of Rocks (ASTM D 4612-86 (Reapproved 1990)
- 159-93 Standard Test Method for Specific Heat of Rock and Soil (ASTM D 4611-86)
- 160-94 Standard Practice for Making Roller-Compacted Concrete Specimens in Cylinder Molds Using a Vibrating Table (ASTM C 1176-92)
- 161-92 Standard Practice for Selecting Proportions for Roller-Compacted Concrete (RCC) Pavement Mixtures Using Soil Compaction Concepts
- 162-93 Standard Test Method for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft (2,700 kN-m/m)) (ASTM D 1557-91)
- 163-92 Test Method for Water Permeability of Concrete Using Triaxial Cell
- 164-92 Standard Test Method for Direct Tensile Strength of Cylindrical Concrete or Mortar Specimens
- 165-92 Standard Practice for Preparation of Rock Slabs for Durability Testing (ASTM: D 5121-90)
- 166-92 Standard Test Method for Static Modulus of Elasticity of Concrete in Tension
- 167 Withdrawn
- 168 Withdrawn
- 169-97 Standard Test Method for Resistance of Rock to Wetting and Drying
- 170-94 Standard Test Methods for Uncompacted Void Content of Fine Aggregate (as Influenced by Particle Shape, Surface Texture, and Grading) (ASTM C 1252-93)
- 171-94 Standard Test Method for Determining Percentage of Crushed Particles in Aggregate

- 172-96 Standard Practice for Random Sampling of Construction Materials (ASTM D 3665-82 (Reapproved 1992))
- 173-94 Standard Practice for Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders (ASTM C 1231-93)
- 174-94 Standard Test Method for Potential Alkali Reactivity of Aggregates (Mortar-Bar Method (ASTM C 1260-94))
- 175-96 Standard Test Method for Concrete Aggregates by Determination of Length Change of Concrete Due to Alkali-Silica Reaction (ASTM C1293-95)
- 200 Withdrawn
- 201-97 Standard Specification for Portland Cement (ASTM C 150-95a)
- 202-97 Standard Specification for Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the Testing of Hydraulic Cements and Concretes (ASTM C 511-95a)
- 203-96 Standard Specification for Blended Hydraulic Cements [Metric] (ASTM C 595-95a)
- 204-97 Standard Specification for Expansive Hydraulic Cement (ASTM C 845-96)
- 205-97 Standard Specification for Ground Granulated Blast-Furnace Slag for Use in Concrete and Mortars (ASTM C 989-95)
- 206-92 Standard Test Method for Hydraulic Activity of Ground Slag by Reaction with Alkali (ASTM C 1073-91)
- 207-97 Standard Practice for Sampling and the Amount of Testing of Hydraulic Cement (ASTM C 183-95a)
- 208-97 Standard Terminology Relating to Hydraulic Cement (ASTM C 219- 95a)
- 209-96 Standard Test Methods for Chemical Analysis of Hydraulic Cement (ASTM C 114-94)
- 210-94 Standard Practice for Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency (ASTM C 305-94)
- 211-97 Standard Test Method for Length Change of -Hydraulic-Cement Mortars Exposed to a Sulfate Solution (ASTM C 1012-95a)
- 212-97 Standard Test Method for Fineness of Hydraulic Cement by the 45-m (No. 325) Sieve (ASTM C 430-95)
- 213-92 Test Method for the Presence of Sugar in Cement, Mortar, Concrete, or Aggregates
- 214-97 Standard Test Method for Fineness of Portland Cement by the Turbidimeter (ASTM C 115-96)
- 215 Withdrawn
- 216-97 Standard Test Method for Fineness of Hydraulic Cement by the 150-m (No. 100) and 75-m (No. 200) Sieves (ASTM C 184-94)
- 217-96 Standard Test Method for Fineness of Hydraulic Cement and Raw Materials by the 300-m (No. 50), 150-m (No. 100) and 75-m (No. 200) Sieves by Wet Methods (ASTM C 786-94)
- 218-97 Standard Test Method for Fineness of Portland Cement by Air Permeability Apparatus (ASTM C 204-96)
- 219-96 Standard Test Method for Air Content of Hydraulic Cement Mortar (ASTM C 185-95)

- 220-93 Standard Test Method for Normal Consistency of Hydraulic Cement (ASTM C 187-86 (Reapproved 1991))
- 221 Withdrawn
- 222-94 Standard Test Method for Time of Setting of Hydraulic Cement by Vicat Needle (ASTM C 191-92)
- 223-97 Standard Test Method for Time-of Setting of Hydraulic-Cement Paste by Gillmore Needles (ASTM C 266-89(95))
- 224-94 Standard Test Method for Autoclave Expansion of Portland Cement (ASTM C 151-93a)
- 225-97 Standard Test Method for Restrained Expansion of Expansive Cement Mortar (ASTM C 806-95)
- 226-91 Standard Specification for Flow Table for Use in Tests of Hydraulic Cement (ASTM C 230-90)
- 227-96 Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or 50-mm Cube Specimens) (ASTM C 109/109M-95)
- 228-97 Standard Test Method for Density of Hydraulic Cement (ASTM C 188-95)
- 229-97 Standard Test Method for Heat of Hydration of Hydraulic Cement (ASTM C 186-95)
- 230-97 Standard Test Method for Time of Setting of Hydraulic Cement Mortar by Modified Vicat Needle (ASTM C 807-89(95))
- 231-63 Method of Test for Volume Changes in Neat Cement Bars
- 232-96 Standard Test Method for Potential Expansion of Portland-Cement Mortars Exposed to Sulfate (ASTM C 452-95)
- 233 Withdrawn
- 234 Withdrawn
- 235-96a Standard Specification for Reference Masses and Devices for Determining Mass for Use in the Physical Testing of Hydraulic Cements (ASTM C 1005-96)
- 236-96 Standard Specification for Processing Additions for Use in the Manufacture of Hydraulic Cements (ASTM C 465-95)
- 237-94 Standard Test Method for Time of Setting of Portland-Cement Pastes Containing Accelerating Admixtures for Shotcrete by the Use of Gillmore Needles (ASTM C 1102-94)
- 238-96 Standard Test Method for Time of Setting of Shotcrete Mixtures by Penetration Resistance (ASTM C 1117-89 (Reapproved 1994))
- 239 Withdrawn
- 240 Withdrawn
- 241-96 Standard Specification for Air-Entraining Additions for Use in the Manufacture of Air-Entraining Portland Cement (ASTM C 226-95)
- 242 Withdrawn
- 243 Withdrawn
- 244 Withdrawn
- 245-97 Standard Test Method for Bleeding of Cement Pastes and Mortars (ASTM C 243-95)
- 246 Withdrawn
- 247 Withdrawn

- 248 Withdrawn
- 249 Withdrawn
- 250 Withdrawn
- 251 Withdrawn
- 252 Withdrawn
- 253-92 Standard Test Method for Calcium Sulfate in Hydrated Portland Cement Mortar (ASTM C 265-91)
- 254-91 Standard Test Method for Chemical Resistance of Mortars, Grouts, and Monolithic Surfacing (ASTM C 267-82 (Reapproved 1990))
- 255-97 Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use as a Mineral Admixture in Portland Cement Concrete (ASTM C 618-96)
- 256-97 Standard Test Methods for Sampling and Testing Fly Ash or Natural Pozzolans for Use as a Mineral Admixture in Portland Cement Concrete (ASTM C 311-96a)
- 257-91 Standard Test Method for Effectiveness of Mineral Admixtures or Ground Blast- Furnace Slag in Preventing Excessive Expansion of Concrete Due to the Alkali- Silica Reaction (ASTM C 441-89)
- 258 Withdrawn
- 259-97 Standard Method of Test for Early Stiffening of Portland Cement (Paste Method) (ASTM C 451-95)
- 260-01 Standard Test Method for Tensile Strength of Hydraulic Cement Mortars
- 261-76 Method of Test to Determine Whether Portland Cement is Contaminated with Fly Ash
- 262 Withdrawn
- 263 Withdrawn
- 264-96 Standard Test Method for Average Particle Size of Powders of Standard Test Method for Average Particle Size of Powders of Refractory Metals and Their Compounds by the Fisher Sub-Sieve Sizer (ASTM B 330-88 (Reapproved 1993))
- 265 Withdrawn
- 266 Withdrawn
- 267-91 Standard Test Method for Acid-Soluble Chloride in Mortar and Concrete (ASTM C 1152-90)
- 268-93 Standard Test Method for Specific Surface Area of Alumina or Quartz by Nitrogen Adsorption (ASTM C 1069-86 (Reapproved 1992))
- 269-93a Standard Test Method for Water-Soluble Chloride in Mortar and Concrete (ASTM C 1218-92)
- 270-97 Standard Specification for Silica Fume for Use in Hydraulic-Cement Concrete and Mortar (ASTM C 1240-95a)
- 271-96 Standard Performance Specification for Blended Hydraulic Cement (ASTM C 1157M-95)
- 272-97 Standard Test Method for Expansion of Portland Cement Mortar Bars Stored in Water (ASTM C 1038-95)
- 300-90 Corps of Engineers Specifications for Membrane-Forming Compounds for Curing Concrete

- 301-67 Methods for Sampling, Packaging, Marking, and Delivery of Membrane-Forming Compounds for Curing Concrete
- 302-79 Test Method for Sprayability and Unit Moisture Loss Through the Membrane Formed by a Concrete Curing Compound
- 303-96 Standard Test Method for Flash Point by Tag Closed Tester (ASTM D 56-93)
- 304-97 Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete (ASTM C 309-95)
- 305-93 Standard Test Method-for Density of Paint, Varnish, Lacquer, and Related Products (ASTM D 1475-90)
- 306-96 Standard Test Method for Water Retention by Concrete Curing Materials (ASTM C 156-95)
- 307-91 Method for Calculation of Amount of Ice Needed to Produce Mixed Concrete of a Specified Temperature
- 308-96 Standard Test Methods for Flash Point by Pensky-Martens Closed Tester (ASTM D 93-94)
- 309-96 Standard Test Method for Measuring Humidity with a Psychrometer (The Measurement of Wet- and Dry-Bulb Temperatures) (ASTM E 337-84 (Reapproved 1990))
- 310-97 Standard Specification for Sheet Materials for Curing Concrete (ASTM C 171-95)
- 311-69 Method of Test for Drying Time and Reflectance by the Membrane Formed by a Concrete Curing Compound
- 312 Withdrawn
- 313 Withdrawn
- 314 Withdrawn
- 315 Withdrawn
- 316-79 Federal Specification, Thinner, Paint, Mineral Spirits, Regular and Odorless (TT-T-291F w/Int Amdt-1)
- 317 Withdrawn
- 318-79 Federal Specifications (for) Cloth, Burlap, Jute (or Kenaf) (CCC-C-467c)
- 319-96 Standard Test Methods for Nonvolatile Content of Varnishes (ASTM D 1644-88 (Reapproved 1993))
- 320-96 Standard Test Method for Evaluating the Effectiveness of Materials for Curing Concrete (ASTM C 1151-91))
- 321-97 Standard Specification for Liquid Membrane-Forming Compounds Having Special Properties for Curing and Sealing (ASTM C 1315-95)
- 400-63 Requirements for Water for Use in Mixing or Curing Concrete
- 401-75 Method of Test for the Staining Properties of Water
- 402-91 Standard Test Methods for Iron in Water (ASTM D 1068-90)
- 403-71 Method of Test for Determination of Sulfate Ion in Soils and Water
- 404-96 Standard Test Methods for Chloride Ion in Water (ASTM D 512-89 (Reapproved 1994))
- 405-92 Standard Test Methods for Of of Water (ASTM D 1293-84)
- 406-79 Test Method for Compressive Strength of Mortar for Use in Evaluating Water for Mixing Concrete

- 407-93 Standard Test Method for Iron Bacteria in Water and Water-Formed Deposits (ASTM D 932-85 (Reapproved 1990))
- 408-93 Standard Test Methods for Sulfate Ion in Water (ASTM D 516-90)
- 409 Withdrawn
- 410-97 Standard Specification for Oil- and Resin-Base Caulking Compound for Building Construction (ASTM C 570-95)
- 411 Withdrawn
- 412 Withdrawn
- 500-96 Standard Practice for Use in the Evaluation of Testing and Inspection Agencies as Used in Construction (ASTM E 329-93b)
- 501-96 Standard Specification for Deformed and Plain Billet-Steel Bars for Concrete Reinforcement (ASTM A 615/A 615M-94)
- 502-96 Standard Specifications for Rail-Steel Deformed and Plain Bars for Concrete Reinforcement (ASTM A 616/A 616M-93)
- 503-96 Standard Specification for Steel Strand, Uncoated Seven-Wire for Prestressed Concrete (ASTM A 416-94)
- 504-93 Standard Specification for Steel Fibers for Fiber Reinforced Concrete (ASTM A 820-90)
- 505-96 Standard Specification for Calcium Chloride (ASTM D 98-93)
- 506 Withdrawn
- 507 Withdrawn
- 508-93 Standard Specification for Preformed Expansion Joint Fillers for Concrete Paving and Structural Construction (Nonextruding and Resilient Bituminous Types) (ASTM D 1751-83 (Reapproved 1991))
- 509-93 Standard Specifications for Preformed Sponge Rubber and Cork Expansion Joint Fillers for Concrete Paving and Structural Construction (ASTM D 1752-84 (Reapproved 1992))
- 510-96 Standard Specification for Steel Welded Wire Fabric, Plain, for Concrete Reinforcement (ASTM A 185-94)
- 511-96 Standard Methods of Testing Preformed Expansion Joint Fillers for Concrete Construction (Nonextruding and Resilient Types) (ASTM D 545-84 (Reapproved 1993))
- 512-94 Standard Practices for Force Verification of Testing Machines (ASTM E 4-94)
- 513-74 Corps of Engineers Specifications for Rubber Waterstops
- 514-92 Concrete Plant Standards - Ninth Revision
- 515-81 Method of Preparation of Test Specimens from Rubber or Plastic Waterstop
- 516-71 Method of Test for Verification of Compression Testing Machines Using Calibrated Proving Rings
- 517-71 Method of Test for Verifying Machines for Use in Flexural Strength Tests of Concrete Mattresses
- 518-94 Standard Test Method for Foaming Agents for Use in Producing Cellular Concrete Using Preformed Foam (ASTM C 796-87a (Reapproved 1993))
- 519-93 Standard Specification for Axle-Steel Deformed and Plain Bars for Concrete Reinforcement (ASTM A 617/A 617M-92)
- 520-96 Standard Specifications for Steel Wire, Plain, for Concrete Reinforcement (ASTM A 82-94)

- 521-81 Standard Test Method for Frequency and Amplitude of Vibrators for Concrete
- 522-88 Standard Methods of Testing Joint Sealants, Cold-Applied, Non-Jet-Fuel-Resistant for Rigid and Flexible Pavements
- 523-93 Standard Specifications for Uncoated Stress-Relieved Steel Wire for Prestressed Concrete (ASTM A 421-91)
- 524-93 Standard Specification for Steel Bars, Alloy, Standard Grades (ASTM A 322-91)
- 525-89 Corps of Engineers Test Method for Evaluation of Hot-Applied Joint Sealants for Bubbling Due to Heating
- 526-92 Federal Specification: Sealants, Joint, Two-Component, Jet-Fuel-Resistant, Cold-Applied for Portland Cement Concrete Pavement, (SS-S-200E with Amendment 1)
- 527-88 Standard Specification for Joint Sealants., Cold-Applied, Non-Jet-Fuel-Resistant, for Rigid and Flexible Pavements
- 528-87 Standard Specification for Concrete Joint Sealer, Cold-Application Type (ASTM D 1850-74 (Reapproved 1979))
- 529-92 Federal Specification, Sealants, Joint, Jet-Fuel-Resistant, Hot-Applied, for Portland Cement and Tar Concrete Pavements, (SS-S-1614A with Notice 1)
- 530-92 Federal Specification, Sealant, Joint, Non-Jet-Fuel-Resistant, Hot-Applied, for Portland Cement and Asphalt Concrete Pavements, (SS-S-1401C with Notice 1)
- 531-92 Standard Specification for Preformed Polychloroprene Elastomeric Joint Seals for Concrete Pavements (ASTM D 2628-91)
- 532-96 Standard Specification for Lubricant for Installation of Preformed Compression Seals in Concrete Pavements (ASTM D 2835-89 (Reapproved 1993))
- 533-96 Standard Test Method for Rubber Property-Effect of Liquids (ASTM D 471-95)
- 534-93 Standard Test Method for Rubber Deterioration-Surface Cracking (ASTM D 518-86 (Reapproved 1991))
- 535-96 Standard Test Method for Rubber-Deterioration in an Air Oven (ASTM D 573-88 (Reapproved 1994))
- 536-93 Standard Test Method for Rubber Deterioration-Surface Ozone Cracking in a Chamber (ASTM D 1149-91)
- 537-96 Standard Specification for Steel Welded Wire Fabric. Deformed. for Concrete Reinforcement (ASTM A 497-94a)
- 538-93 Standard Specification for Steel Bars and Shapes, Carbon Rolled from "T" Rails (ASTM A 499-89)
- 539-93 Standard Specification for Steel Bars, Carbon, Hot-Wrought, Special Quality, Mechanical Properties (ASTM A 675/A 675M-90a)
- 540-01 Standard Specification for Nonbituminous Inserts for Contraction Joints in Portland Cement Concrete Airfield Pavements, Sawable Type
- 541-88 Interim Federal Specification, Sealing Compound, Elastomeric Type, Single Component (for Calking, Sealing, and Glazing in Buildings and Other Structures), TT-S-00230c with Amendment-2

- 542-79 Interim Federal Specification, Sealing Compound; Silicone Rubber Base (for Calking, Sealing, and Glazing in Buildings and Other Structures) (TT-S-001543A)
- 543-79 Interim Federal Specification, Sealing Compound-Single Component, Butyl Rubber Based, Solvent Release Type (for Buildings and Other Types of Construction) (TT-S-001657)
- 544-92 Federal Specification: Insulation, Blankets, Thermal (Mineral Fiber, Industrial Type) ([Inch-Pound] HH-I-558C)
- 545 Withdrawn
- 546-96 Standard Specification for Copper Sheet, Strip, Plate, and Rolled Bar (ASTM: B 152-94)
- 547-88 Standard Methods of Testing for Jet-Fuel and Heat Resistance of Preformed Polychloroprene Elastomeric Joint Seals for Rigid Pavements
- 548-88 Standard Specification for Jet-Fuel and Heat-Resistant Preformed Polychloroprene Elastomeric Joint Seals for Rigid Pavements
- 549-96 Standard Specification for Elastomeric Cellular Preformed Gasket and Sealing Material (ASTM C 509-94)
- 550-96 Standard Test Methods for Determination of Relative Viscosity, Melting Point, and Moisture Content of Polyamide (PA) (ASTM D 789-94)
- 551-96 Standard Specification for Concrete Joint Sealer, Hot-Poured Elastic Type (ASTM D 1190-94)
- 552-96 Standard Specification for Joint Sealants, Hot-Poured, for Concrete and Asphalt Pavements (ASTM D 3405-94)
- 553-97 Standard Practice for Laboratories Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Laboratory Evaluation (ASTM C 1077-96)
- 554-96 Standard Specification for Elastomeric Joint Sealants (ASTM C 920-94)
- 555-96 Standard Test Methods for Water Vapor Transmission of Materials (ASTM E 96-95)
- 556 Withdrawn
- 557 Withdrawn
- 558 Withdrawn
- 559 Withdrawn
- 560 Withdrawn
- 561 Withdrawn
- 562-93 Standard Specification for Fabricated Deformed Steel Bar Mats for Concrete Reinforcement (ASTM A 184/184M-90)
- 563 Withdrawn
- 564 Withdrawn
- 565 Withdrawn
- 566 Withdrawn
- 567-96 Standard Practice for Rubber - Materials, Equipment, and Procedures for Mixing Standard Compounds and Preparing Standard Vulcanized Sheets (ASTM D 3182-89 (1994))
- 568-93 Standard Practice for Rubber - Preparation of Pieces for Test Purposes from Products (ASTM D 3183-84 (Reapproved 1992))

- 569-93 Standard Test Method for Rubber Property Durometer Hardness (ASTM D 2240-91)
- 570-89 Standard Test Method for Brittleness Temperature of Plastics and Elastomers by Impact (ASTM D 746-79 (Reapproved 1987))
- 571-96 Standard Test Method for Apparent Bending Modulus of Plastics by Means of a Cantilever Beam (ASTM D 747-93)
- 572-74 Corps of Engineers Specifications for Polyvinylchloride Waterstops
- 573-96 Standard Test Methods for Rubber Properties in Tension (ASTM D 412-92)
- 574 Withdrawn
- 575-74 Method of Test for Change in Weight of Rubber on Immersion in Water
- 576-96 Standard Test Methods for Rubber Property - Compression Set (ASTM D 395-89 (Reapproved 1994))
- 577-96 Standard Test Method for Rubber-Deterioration by Heat and Oxygen (ASTM D 572-88 (Reapproved 1994))
- 578-91 Standard Test Methods for Collection of a Gross Sample of Coal (ASTM D 2234-89")
- 579-93 Standard Practice for Probability Sampling of Materials (ASTM E 105-58 (Reapproved 1989))
- 580-91 Standard Practice for Choice of Sample Size to Estimate a Measure of the Quality for a Lot or Process (ASTM E 122-89)
- 581-93 Standard Practice for Acceptance of Evidence Based on the Results of Probability Sampling (ASTM E 141-91)
- 582-91 Standard Practice for Use of the Terms Precision and Bias in ASTM Test Methods (ASTM E 177-90a)
- 583-97 Standard Practice for Preparing Precision and Bias Statements for Test Methods for Construction Materials (ASTM C 670-95)
- 584-91 Standard Test Method for Water Absorption of Plastics (ASTM D 570-81 (Reapproved 1988))
- 585-93 Standard Test Methods for Nonvolatile Content of Resin Solutions (ASTM D 1259-85 (Reapproved 1990))
- 586-96 Standard Test Method for Epoxy Content of Epoxy Resins (ASTM D 1652-90)
- 587-89A Standard Test Method for Viscosity of Epoxy Resins and Related Components (ASTM D 2393-86)
- 588 Withdrawn
- 589-92 Standard Specification for Latex Agents for Bonding Fresh to Hardened Concrete (ASTM C 1059-91)
- 590 Withdrawn
- 591 Withdrawn
- 592-93 Standard Test Methods for Moisture-Density Relations of Soil-Cement Mixtures (ASTM D 558-82 (Reapproved 1990))
- 593-91 Standard Test Methods for Wetting and Drying Compacted Soil-Cement Mixtures (ASTM D 559-89)
- 594-91 Standard Test Methods for Freezing and Thawing Compacted Soil-Cement Mixtures (ASTM D 560-89)
- 595-91 Standard Specification for Epoxy-Resin-Base Bonding Systems for Concrete (ASTM C 881-90)

- 596-92 Standard Test Method for Bond Strength of Epoxy-Resin Systems Used with Concrete (ASTM C 882-91)
- 597-91 Standard Test Method for Effective Shrinkage of Epoxy-Resin Systems Used with Concrete (ASTM C 883-89)
- 598-94 Standard Test Method for Thermal Compatibility Between Concrete and an Epoxy-Resin Overlay (ASTM C 884-92)
- 599-92 Standard Test Method for Bond Strength of Latex Systems Used with Concrete (ASTM C 1042-91)
- 600-93 Standard Test Method for Measuring Changes in Height of Cylindrical Specimens from Hydraulic-Cement Grout (ASTM C 1090-92)
- 601-96 Standard Methods of Sampling and Testing Concrete Masonry Units (ASTM C 140-94a)
- 602-93 Standard Specification for Aggregate for Masonry Mortar (ASTM C 144-91)
- 603 Withdrawn
- 604 Withdrawn
- 605-96 Standard Specification for Concrete Building Brick (ASTM C 55-94a)
- 606-96 Standard Specification for Load-Bearing Concrete Masonry Units (ASTM C 90-94b)
- 607-96 Standard Specifications for Non-Load-Bearing Concrete Masonry Units (ASTM C 129-94a)
- 608-89 Withdrawn
- 609-96 Standard Test Methods of Sampling and Testing Brick and Structural Clay Tile (ASTM C 67-94)
- 610 Withdrawn
- 611-94 Standard Test Method for Flow of Grout for Preplaced-Aggregate Concrete (Flow Cone Method) (ASTM C 939-94a)
- 612-91 Standard Test Method for Water Retentivity of Grout Mixtures for Preplaced-Aggregate Concrete in the Laboratory (ASTM C 941-90)
- 613-91 Standard Test Method for Expansion and Bleeding Grouts for Preplaced-Aggregate Concrete of Freshly Mixed in the Laboratory (ASTM C 940-89)
- 614-94 Standard Test Method for Time of Setting of Grouts for Pre-placed-Aggregate Concrete in the Laboratory (ASTM C 953-87 (Reapproved 1992))
- 615-93 Standard Practice for Proportioning Grout Mixtures for Pre-placed-Aggregate Concrete (ASTM C 938-80 (Reapproved 1991))
- 616-93 Standard Test Method for Compressive Strength of Grouts for Preplaced-Aggregate Concrete in the Laboratory (ASTM C 942-86 (Reapproved 1991))
- 617-97 Standard Specification for Masonry Cement (ASTM C 91-95c)
- 618-96 Standard Specification for Mortar for Unit Masonry (ASTM C 270-94)
- 619-92 Standard Specification for Grout Fluidifier for Preplaced-Aggregate Concrete (ASTM C 937-80 (Reapproved 1991))
- 620-80 Standard Method of Sampling Fresh Grout
- 621-93 Standard Specification for Packaged, Dry, Hydraulic-Cement Grout (Nonshrink) (ASTM C 1107-91a)
- 622-93 Standard Specification for Hydrated Lime for Masonry Purposes (ASTM C 207-91 (Reapproved 1992))

- 623-97 Standard Specification for Application of Portland Cement-Based Plaster (ASTM C 926-95a)
- 624-96 Standard Practice for Preparing and Testing Specimens from Shotcrete Test Panels (ASTM C 1140-89 (Reapproved 1994))
- 625-97 Standard Specification for Admixtures for Shotcrete (ASTM C 1141-95)
- 626-92 Standard Test Method for Half-Cell Potentials of Uncoated Reinforcing Steel in Concrete (ASTM C 876-91)
- 627-97 Standard Specification for Fiber-Reinforced Concrete and Shotcrete (ASTM C 1116-95)
- 628-93 Standard Practice for Measuring Delaminations in Concrete Bridge Decks by Sounding (ASTM D 4580-86 (Reapproved 1992))
- 629-96 Standard Test Methods for Measuring Adhesion by Tape Test (ASTM D 3359-93)
- 630-96 Standard Test Method for Measurement of Dry Film Thickness of Protective Coating Systems by Destructive Means (ASTM D 4138-94)
- 631-93 Standard Practice for Surface Cleaning Concrete for Coating ASTM D 4258-83 (Reapproved 1992))
- 632-93 Standard Practice for Abrading Concrete (ASTM D 4259-88 (Reapproved 1992))
- 633-93 Standard Practice for Acid Etching Concrete (ASTM D 4260-88 (Reapproved 1992))
- 634-96 Standard Practice for Surface Cleaning Concrete Unit Masonry for Coating (ASTM D 4261-83 (Reapproved 1993))
- 635-96 Standard Test Method for pH of Chemically Cleaned or Etched Concrete Surfaces (ASTM D 4262-83 (Reapproved 1993))
- 636-96 Standard Test Method for Indicating Moisture in Concrete by the Plastic Sheet Method (ASTM D 4263-83 (Reapproved 1993))
- 637-91 Standard Practice for Measurement of Wet Film Thickness by Notch Gages (ASTM D 4414-84 (Reapproved 1990))
- 638-96 Standard Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers (ASTM D 4541-93)
- 639-94 Standard Practice for Conducting an Interlaboratory Test Program to Determine the Precision of Test Methods for Construction Materials (ASTM C 802-94)
- 640-96 Standard Method of Sampling and Testing Grout (ASTM C 1019-89a (Reapproved 1993))
- 641-92 Standard Test Method for Determining Floor Flatness and Levelness using the E-Number System (ASTM E 1155-87)
- 642-92 Standard Test Method for Splitting Tensile Strength of Masonry Units (ASTM C 1006-84)
- 643-01 Standard Test Methods for Compressive Strength of Masonry Prisms
- 644-92 Standard Practice for Preparing Concrete Blocks for Testing Sealants, for Joints and Cracks (ASTM D 1985-91)
- 645-93 Standard Test Method for Viscosity of Adhesives (ASTM D 1084-88)
- 646-93 Withdrawn

- 647-96 Standard Test Method for Liquid Limit, Plastic Limit, and Plasticity Index of Soils (ASTM D 4318-93)
- 648-94A Standard Test Method for Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration (ASTM C 1202-94)
- 649-95 Standard Test Method for Unit Weight, Marshall Stability, and Flow of Bituminous Mixtures
- 650-95 Standard Test Method for Density and Percent Voids in Compacted Bituminous Paving Mixtures
- 651-95 Standard Gyrotory Testing Machine Method for Design of Hot-Mix Bituminous Pavement Mixtures
- 652-95 Standard Test Method for Measurement of Reduction in Marshall Stability of Bituminous Mixtures Caused by Immersion in Water
- 653-95 Standard Test Method for Determination of Moisture-Density Relation of Soils
- 654-95 Standard Test Method for Determining the California Bearing Ratio of Soils
- 655-95 Standard Test Method for Determining the Modulus of Soil Reaction
- 656-95 Standard Test Method for Determining the California Bearing Ratio and for Sampling Pavement by the Small-Aperture Procedure
- 657-96 Standard Practice for Conducting a Ruggedness or Screening Program for Test Methods for Construction Materials (ASTM C 1067-87 (Reapproved 1993))
- 658-95 Standard Test Method for The Break-Off Number of Concrete ASTM C 1150-90)
- 659-96 Standard Test Method for Determining Bond Strength Between Hardened Roller Compacted Concrete and Other Hardened Cementitious Mixtures (Point Load Test) (ASTM C 1245-93)
- 660-96 Standard Test Methods for Determining Consistency and Density of Roller-Compacted Concrete Using a Vibrating Table (ASTM C 1170-91)
- 661-06 Specification for Antiwashout Admixtures for Concrete
- 662-10 Standard Test Method for use of Lithium to Mitigate ASR