



ASTM STANDARDS

American Society for Testing and Materials (ASTM) documents related to aggregates, cement, and concrete that are relevant to or referred to in the text are listed as follows and can be obtained at www.astm.org.

A 820-96	Standard Specification for Steel Fibers for Fiber Reinforced Concrete	C 127-01	Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate
C 29-97	Standard Test Method for Bulk Density ("Unit Weight") and Voids in Aggregate	C 128-01	Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Fine Aggregate
C 31-00	Standard Practice for Making and Curing Concrete Test Specimens in the Field	C 131-96	Standard Test Method for Resistance to Degradation of Small Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
C 33-01	Standard Specification for Concrete Aggregates	C 136-01	Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates
C 39-01	Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens	C 138-01	Standard Test Method for Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete
C 40-99	Standard Test Method for Organic Impurities in Fine Aggregates for Concrete	C 141-97	Standard Specification for Hydraulic Hydrated Lime for Structural Purposes
C 42-99	Standard Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	C 142-97	Standard Test Method for Clay Lumps and Friable Particles in Aggregates
C 70-01	Standard Test Method for Surface Moisture in Fine Aggregate	C 143-00	Standard Test Method for Slump of Hydraulic Cement Concrete
C 78-00	Standard Test Method for Flexural Strength of Concrete (Using Simple Beam with Third Point Loading)	C 150-00	Standard Specification for Portland Cement
C 85	Test Method for Cement Content of Hardened Portland Cement Concrete (Discontinued 1989—Replaced by C 1084)	C 151-00	Standard Test Method for Autoclave Expansion of Portland Cement
C 87-83 (1995)	Standard Test Method for Effect of Organic Impurities in Fine Aggregate on Strength of Mortar	C 156-98	Standard Test Method for Water Retention by Concrete Curing Materials
C 88-99	Standard Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate	C 157-99	Standard Test Method for Length Change of Hardened Hydraulic Cement, Mortar, and Concrete
C 91-99	Standard Specification for Masonry Cement	C 171-97	Standard Specification for Sheet Materials for Curing Concrete
C 94-00	Standard Specification for Ready Mixed Concrete	C 172-99	Standard Practice for Sampling Freshly Mixed Concrete
C 109-99	Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (using 50 mm [2 in.] Cube Specimens)	C 173-01	Standard Test Method for Air Content of Freshly Mixed Concrete by the Volumetric Method
C 114-00	Standard Test Methods for Chemical Analysis of Hydraulic Cement	C 174-97	Standard Test Method for Measuring Thickness of Concrete Elements Using Drilled Concrete Cores
C 115-96	Standard Test Method for Fineness of Portland Cement by the Turbidimeter	C 177-97	Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded-Hot-Plate Apparatus
C 117-95	Standard Test Method for Materials Finer than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	C 183-97	Standard Practice for Sampling and the Amount of Testing of Hydraulic Cement
C 123-98	Standard Test Method for Lightweight Particles in Aggregate	C 184-94	Standard Test Method for Fineness of Hydraulic Cement by the 150- μ m (No. 100) and 75- μ m (No. 200) Sieves
C 125-00	Standard Terminology Relating to Concrete and Concrete Aggregates	C 185-01	Standard Test Method for Air Content of Hydraulic Cement Mortar

C 186-98	Standard Test Method for Heat of Hydration of Hydraulic Cement	C 305-99	Standard Practice for Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency
C 187-98	Standard Test Method for Normal Consistency of Hydraulic Cement	C 309-98	Standard Specification for Liquid Membrane
C 188-95	Standard Test Method for Density of Hydraulic Cement	C 311-00	Standard Test Methods for Sampling and Testing Fly Ash or Natural Pozzolans for Use as a Mineral Admixture in Portland-Cement Concrete
C 191-99	Standard Test Method for Time of Setting of Hydraulic Cement by Vicat Needle	C 330-00	Standard Specification for Lightweight Aggregates for Structural Concrete
C 192-00	Standard Practice for Making and Curing Concrete Test Specimens in the Laboratory	C 332-99	Standard Specification for Lightweight Aggregates for Insulating Concrete
C 204-00	Standard Test Method for Fineness of Hydraulic Cement by Air Permeability Apparatus	C 341-96	Standard Test Method for Length Change of Drilled or Sawed Specimens of Hydraulic-Cement Mortar and Concrete
C 215-97	Standard Test Method for Fundamental Transverse, Longitudinal, and Torsional Frequencies of Concrete Specimens	C 342-97	Standard Test Method for Potential Volume Change of Cement-Aggregate Combinations (Discontinued 2001)
C 219-01	Standard Terminology Relating to Hydraulic Cement	C 348-97	Standard Test Method for Flexural Strength of Hydraulic-Cement Mortars
C 226-96	Standard Specification for Air-Entraining Additions for Use in the Manufacture of Air-Entraining Hydraulic Cement	C 359-99	Standard Test Method for Early Stiffening of Portland Cement (Mortar Method)
C 227-97	Standard Test Method for Potential Alkali Reactivity of Cement	C 360-92	Test Method for Ball Penetration in Fresh Portland Cement Concrete (Discontinued 1999)
C 230-98	Standard Specification for Flow Table for Use in Tests of Hydraulic Cement	C 384-98	Standard Test Method for Impedance and Absorption of Acoustical Materials by the Impedance Tube Method
C 231-97	Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method	C 387-00	Standard Specification for Packaged, Dry, Combined Materials for Mortar and Concrete
C 232-99	Standard Test Methods for Bleeding of Concrete	C 403M-99	Standard Test Method for Time of Setting of Concrete Mixtures by Penetration Resistance
C 233-01	Standard Test Method for Air-Entraining Admixtures for Concrete	C 418-98	Standard Test Method for Abrasion Resistance of Concrete by Sandblasting
C 235-68	Standard Method of Test for Scratch Hardness of Coarse Aggregate Particles (Discontinued 1978)	C 430-96	Standard Test Method for Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve
C 243-99	Standard Test Method for Bleeding of Cement Pastes and Mortars	C 441-97	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
C 260-00	Standard Specification for Air-Entraining Admixtures for Concrete	C 451-99	Standard Test Method for Early Stiffening of Hydraulic Cement (Paste Method)
C 265-99	Standard Test Method for Calcium Sulfate in Hydrated Portland Cement Mortar	C 452-95	Standard Test Method for Potential Expansion of Portland-Cement Mortars Exposed to Sulfate
C 266-99	Standard Test Method for Time of Setting of Hydraulic-Cement Paste by Gillmore Needles	C 457-98	Standard Test Method for Microscopical Determination of Parameters of the Air-Void Content and Parameters of the Air-Void System in Hardened Concrete
C 270-00	Standard Specification for Mortar for Unit Masonry	C 465-99	Standard Specification for Processing Additions for Use in the Manufacture of Hydraulic Cements
C 289-01	Standard Test Method for Potential Alkali-Silica Reactivity of Aggregates (Chemical Method)		
C 293-00	Standard Test Method for Flexural Strength of Concrete (Using Simple Beam With Center-Point Loading)		
C 294-98	Standard Descriptive Nomenclature for Constituents of Concrete Aggregates		
C 295-98	Standard Guide for Petrographic Examination of Aggregates for Concrete		

C 469-94	Standard Test Method for Static Modulus of Elasticity and Poisson's Ratio of Concrete in Compression	C 642-97	Standard Test Method for Density, Absorption, and Voids in Hardened Concrete
C 470-98	Standard Specification for Molds for Forming Concrete Test Cylinders Vertically	C 666-97	Standard Test Method for Resistance of Concrete to Rapid Freezing and Thawing
C 490-00	Standard Practice for Use of Apparatus for the Determination of Length Change of Hardened Cement Paste, Mortar, and Concrete	C 671-94	Standard Test Method for Critical Dilation of Concrete Specimens Subjected to Freezing
C 494-99	Standard Specification for Chemical Admixtures for Concrete	C 672-98	Standard Test Method for Scaling Resistance of Concrete Surfaces Exposed to Deicing Chemicals
C 495-99	Standard Test Method for Compressive Strength of Lightweight Insulating Concrete	C 682-94	Standard Practice for Evaluation of Frost Resistance of Coarse Aggregates in Air-Entrained Concrete by Critical Dilation Procedures
C 496-96	Standard Test Method for Splitting Tensile Strength of Cylindrical Concrete Specimens	C 684-99	Standard Test Method for Making, Accelerated Curing, and Testing Concrete Compression Test Specimens
C 511-98	Standard Specification for Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the Testing of Hydraulic Cements and Concretes	C 685-00a	Standard Specification for Concrete Made By Volumetric Batching and Continuous Mixing
C 512-87 (1994)	Standard Test Method for Creep of Concrete in Compression	C 688-00	Standard Specification for Functional Additions for Use in Hydraulic Cements
C 513-89 (1995)	Standard Test Method for Obtaining and Testing Specimens of Hardened Lightweight Insulating Concrete for Compressive Strength	C 702-98	Standard Practice for Reducing Samples of Aggregate to Testing Size
C 535-96	Standard Test Method for Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	C 778-00	Standard Specification for Standard Sand
C 566-97	Standard Test Method for Total Evaporable Moisture Content of Aggregate by Drying	C 779-00	Standard Test Method for Abrasion Resistance of Horizontal Concrete Surfaces
C 567-00	Standard Test Method for Density of Structural Lightweight Concrete	C 786-96	Standard Test Method for Fineness of Hydraulic Cement and Raw Materials by the 300- μ m (No. 50), 150- μ m (No. 100), and 75- μ m (No. 200) Sieves by Wet Methods
C 586-99	Standard Test Method for Potential Alkali Reactivity of Carbonate Rocks for Concrete Aggregates (Rock Cylinder Method)	C 796-97	Standard Test Method for Foaming Agents for Use in Producing Cellular Concrete Using Preformed Foam
C 595-00	Standard Specification for Blended Hydraulic Cements	C 801-98	Standard Test Method for Determining the Mechanical Properties of Hardened Concrete Under Triaxial Loads
C 597-97	Standard Test Method for Pulse Velocity Through Concrete	C 803-97	Standard Test Method for Penetration Resistance of Hardened Concrete
C 617-98	Standard Practice for Capping Cylindrical Concrete Specimens	C 805-97	Standard Test Method for Rebound Number of Hardened Concrete
C 618-00	Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use as a Mineral Admixture in Concrete	C 806-95	Standard Test Method for Restrained Expansion of Expansive Cement Mortar
C 637-98	Standard Specification for Aggregates for Radiation-Shielding Concrete	C 807-99	Standard Test Method for Time of Setting of Hydraulic Cement Mortar by Modified Vicat Needle
C 638-92 (1997)	Standard Descriptive Nomenclature of Constituents of Aggregates for Radiation-Shielding Concrete	C 823-00	Standard Practice for Examination and Sampling of Hardened Concrete in Constructions
C 641-98	Standard Test Method for Staining Materials in Lightweight Concrete Aggregates	C 827-01	Standard Test Method for Change in Height at Early Ages of Cylindrical Specimens of Cementitious Mixtures
		C 845-96	Standard Specification for Expansive Hydraulic Cement

C 856-95	Standard Practice for Petrographic Examination of Hardened Concrete	C 979-99	Standard Specification for Pigments for Integrally Colored Concrete
C 869-91 (1999)	Standard Specification for Foaming Agents Used in Making Preformed Foam for Cellular Concrete	C 989-99	Standard Specification for Ground Granulated Blast-Furnace Slag for Use in Concrete and Mortars
C 873-99	Standard Test Method for Compressive Strength of Concrete Cylinders Cast in Place in Cylindrical Molds	C 995-94	Standard Test Method for Time of Flow of Fiber-Reinforced Concrete Through Inverted Slump Cone
C 876-91 (1999)	Standard Test Method for Half-Cell Potentials of Uncoated Reinforcing Steel in Concrete	C 1012-95	Standard Test Method for Length Change of Hydraulic-Cement Mortars Exposed to a Sulfate Solution
C 878-95a	Standard Test Method for Restrained Expansion of Shrinkage-Compensating Concrete	C 1017-98	Standard Specification for Chemical Admixtures for Use in Producing Flowing Concrete
C 881-99	Standard Specification for Epoxy-Resin-Base Bonding Systems for Concrete	C 1018-97	Standard Test Method for Flexural Toughness and First-Crack Strength of Fiber-Reinforced Concrete (Using Beam With Third-Point Loading)
C 900-99	Standard Test Method for Pullout Strength of Hardened Concrete	C 1038-95	Standard Test Method for Expansion of Portland Cement Mortar Bars Stored in Water
C 917-98	Standard Test Method for Evaluation of Cement Strength Uniformity From a Single Source	C 1040-93 (2000)	Standard Test Methods for Density of Unhardened and Hardened Concrete In Place By Nuclear Methods
C 918-97	Standard Test Method for Measuring Early-Age Compressive Strength and Projecting Later-Age Strength	C 1059-99	Standard Specification for Latex Agents for Bonding Fresh To Hardened Concrete
C 926-98	Standard Specification for Application of Portland Cement-Based Plaster	C 1064-99	Standard Test Method for Temperature of Freshly Mixed Portland Cement Concrete
C 928-00	Standard Specification for Packaged, Dry, Rapid-Hardening Cementitious Materials for Concrete Repairs	C 1073-97	Standard Test Method for Hydraulic Activity of Ground Slag by Reaction with Alkali
C 937-97	Standard Specification for Grout Fluidifier for Preplaced-Aggregate Concrete	C 1074-98	Standard Practice for Estimating Concrete Strength by the Maturity Method
C 938-97	Standard Practice for Proportioning Grout Mixtures for Preplaced-Aggregate Concrete	C 1077-00	Standard Practice for Laboratories Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Laboratory Evaluation
C 939-97	Standard Test Method for Flow of Grout for Preplaced-Aggregate Concrete (Flow Cone Method)	C 1078-87 (1992)	Test Method for Determining Cement Content of Freshly Mixed Concrete
C 940-98	Standard Test Method for Expansion and Bleeding of Freshly Mixed Grouts for Preplaced-Aggregate Concrete in the Laboratory	C 1084-97	Standard Test Method for Portland-Cement Content of Hardened Hydraulic-Cement Concrete
C 941-96	Standard Test Method for Water Retentivity of Grout Mixtures for Preplaced-Aggregate Concrete in the Laboratory	C 1105-95	Standard Test Method for Length Change of Concrete Due to Alkali-Carbonate Rock Reaction
C 942-99	Standard Test Method for Compressive Strength of Grouts for Preplaced-Aggregate Concrete in the Laboratory	C 1116-00	Standard Specification for Fiber-Reinforced Concrete and Shotcrete
C 943-96	Standard Practice for Making Test Cylinders and Prisms for Determining Strength and Density of Preplaced-Aggregate Concrete in the Laboratory	C 1137-97	Standard Test Method for Degradation of Fine Aggregate Due to Attrition
C 944-99	Standard Test Method for Abrasion Resistance of Concrete or Mortar Surfaces by the Rotating-Cutter Method	C 1138-97	Standard Test Method for Abrasion Resistance of Concrete (Underwater Method)
C 953-87 (1997)	Standard Test Method for Time of Setting of Grouts for Preplaced-Aggregate Concrete in the Laboratory	C 1150-96	Standard Test Method for The Break-Off Number of Concrete
		C 1151-91	Standard Test Method for Evaluating the Effectiveness of Materials for Curing Concrete (Discontinued 2000)

C 1152-97	Standard Test Method for Acid-Soluble Chloride in Mortar and Concrete	C 1500	Standard Test Method for Water-Extractable Chloride in Aggregate (Soxhlet Method)
C 1157-00	Standard Performance Specification for Hydraulic Cement	D 75-97	Standard Practice for Sampling Aggregates
C 1170-91 (1998)	Standard Test Methods for Determining Consistency and Density of Roller-Compacted Concrete Using a Vibrating Table	D 98-98	Standard Specification for Calcium Chloride
C 1202-97	Standard Test Method for Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	D 345-97	Standard Test Method for Sampling and Testing Calcium Chloride for Roads and Structural Applications
C 1218-99	Standard Test Method for Water-Soluble Chloride in Mortar and Concrete	D 448-98	Standard Classification for Sizes of Aggregate for Road and Bridge Construction
C 1231-00	Standard Practice for Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	D 512-89 (1999)	Standard Test Methods for Chloride Ion in Water
C 1240-01	Standard Specification for Use of Silica Fume for Use as a Mineral Admixture in Hydraulic-Cement Concrete, Mortar, and Grout	D 516-90 (1995)	Standard Test Method for Sulfate Ion in Water
C 1252-98	Standard Test Methods for Uncompacted Void Content of Fine Aggregate (as Influenced by Particle Shape, Surface Texture, and Grading)	D 558-96	Standard Test Methods for Moisture-Density Relations of Soil-Cement Mixtures
C 1260-94	Standard Test Method for Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	D 632-01	Standard Specification for Sodium Chloride
C 1263-95 (2000)	Standard Test Method for Thermal Integrity of Flexible Water Vapor Retarders	D 2240-00	Standard Test Method for Rubber Property-Durometer Hardness
C 1293-01	Standard Test Method for Determination of Length Change of Concrete Due to Alkali-Silica Reaction	D 3042-97	Standard Test Method for Insoluble Residue in Carbonate Aggregates
C 1315-00	Standard Specification for Liquid Membrane-Forming Compounds Having Special Properties for Curing and Sealing Concrete	D 3398-00	Standard Test Method for Index of Aggregate Particle Shape and Texture
C 1328-00	Standard Specification for Plastic (Stucco) Cement	D 3963-01	Standard Specification for Fabrication and Jobsite Handling of Epoxy-Coated Steel Reinforcing Bars
C 1329-00	Standard Specification for Mortar Cement	D 4263-83 (1999)	Standard Test Method for Indicating Moisture in Concrete by the Plastic Sheet Method
C 1356-96	Standard Test Method for Quantitative Determination of Phases in Portland Cement Clinker by Microscopical Point-Count Procedure	D 4580-86 (1997)	Standard Practice for Measuring Delaminations in Concrete Bridge Decks by Sounding
C 1362-97	Standard Test Method for Flow of Freshly Mixed Hydraulic Cement Concrete	D 4791-99	Standard Test Method for Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate
C 1365-98	Standard Test Method for Determination of the Proportion of Phases in Portland Cement and Portland-Cement Clinker Using X-Ray Powder Diffraction Analysis	E 11-01	Standard Specification for Wire Cloth and Sieves for Testing Purposes
C 1383-98	Standard Test Method for Measuring the P-Wave Speed and the Thickness of Concrete Plates Using the Impact-Echo Method	F 1869-98	Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride
C 1437-99	Standard Test Method for Flow of Hydraulic Cement Mortar	G 59-97	Standard Test Method for Conducting Potentiodynamic Polarization Resistance Measurements
C 1451-99	Standard Practice for Determining Uniformity of Ingredients of Concrete From a Single Source	IEEE-ASTM-SI-10	Standard for Use of the International System of Units (SI): The Modern Metric System
		PS 118-99	Standard Test Method for Water-Extractable Chloride in Aggregate (Soxhlet Method)



AASHTO STANDARDS

American Association of State Highway and Transportation Officials (AASHTO) documents related to aggregates, cement, and concrete that are relevant to or referred to in the text are listed as follows and can be obtained at www.aashto.org.

M 6-93 (1997)	Fine Aggregate for Portland Cement Concrete	T 11-91 (1996)	Materials Finer than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing
M 43-88 (1999)	Sizes of Aggregate for Road and Bridge Construction	T 19-00	Bulk Density ("Unit Weight") and Voids in Aggregate
M 80-87 (1999)	Coarse Aggregate for Portland Cement Concrete	T 21-00	Organic Impurities in Fine Aggregate for Concrete
M 85-00	Portland Cement	T 22-97	Compressive Strength of Cylindrical Concrete Specimens
M 92-96	Wire-Cloth Sieves for Testing Purposes	T 23-97	Making and Curing Concrete Test Specimens
M 143-86 (1993)	Sodium Chloride	T 24-97	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete
M 144-86 (1996)	Calcium Chloride	T 26-79 (1996)	Quality of Water to be Used in Concrete
M 148-97	Liquid Membrane-Forming Compounds for Curing Concrete	T 27-99	Sieve Analysis of Fine and Coarse Aggregate
M 152-00	Flow Table for Use in Test of Hydraulic Cements	T 71-93 (1997)	Effect of Organic Impurities in Fine Aggregate on Strength of Mortar
M 154-00	Air-Entraining Admixtures for Concrete	T 84-00	Specific Gravity and Absorption of Fine Aggregate
M 157-00	Ready-Mixed Concrete	T 85-91 (1996)	Specific Gravity and Absorption of Coarse Aggregate
M 171-00	Sheet Materials for Curing Concrete	T 96-99	Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
M 182-91 (1996)	Burlap Cloth Made From Jute or Kenaf	T 97-97	Flexural Strength of Concrete (Using Simple Beam with Third Point Loading)
M 194-00	Chemical Admixtures For Concrete	T 98-99	Fineness of Portland Cement by the Turbidimeter
M 195-00	Lightweight Aggregate for Structural Concrete	T 103-91 (1996)	Soundness of Aggregates by Freezing and Thawing
M 200-73 (1996)	Epoxy Protective Coatings	T 104-99	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate
M 201-00	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the Testing of Hydraulic Cements and Concretes	T 105-00	Chemical Analysis of Hydraulic Cement
M 205-97	Molds for Forming Concrete Test Cylinders Vertically	T 106-00	Compressive Strength of Hydraulic Cement Mortar (Using 50-mm or 2-in. Cube Specimens)
M 210-99	Use of Apparatus for the Determination of Length Change of Hardened Cement Paste, Mortar, and Concrete	T 107-00	Autoclave Expansion of Portland Cement
M 224-91 (1996)	Use of Protective Sealers for Portland Cement Concrete	T 112-00	Clay Lumps and Friable Particles in Aggregate
M 231-95 (1999)	Weighing Devices Used in the Testing of Materials	T 113-96	Lightweight Pieces in Aggregate
M 233-86 (1996)	Boiled Linseed Oil Mixture for Treatment of Portland Cement Concrete	T 119-99	Slump of Hydraulic Cement Concrete
M 235-91 (1996)	Epoxy Resin Adhesives	T 121-97	Mass per Cubic Meter (Cubic Foot), Yield, and Air Content (Gravimetric) of Concrete
M 240-00	Blended Hydraulic Cements	T 126-97	Making and Cuing Concrete Test Specimens in the Laboratory
M 241-97	Concrete Made by Volumetric Batching and Continuous Mixing	T 127-00	Sampling and Amount of Testing by Hydraulic Cement
M 284-95	Epoxy Coated Reinforcing Bars		
M 295-00	Coal Fly Ash and Raw and Calcined Natural Pozzolan for use as a Mineral Admixture in Concrete		
M 302-00	Ground Granulated Blast-Furnace Slag for Use in Concrete and Mortars		
M 307-95 (1999)	Microsilica for Use in Concrete and Mortar		
T 2-91 (1996)	Sampling of Aggregates		

T 128-97	Fineness of Hydraulic Cement by the 150- μm (No. 100) and 75- μm (No. 200) Sieves	T 271-83 (1996)	Density of Plastic and Hardened Portland Cement Concrete in-Place by Nuclear Methods
T 129-88 (1995)	Normal Consistency of Hydraulic Cement	T 276-97	Developing Early-Age Compression Test Values and Projecting Later-Age Strength
T 131-93 (1999)	Time of Setting of Hydraulic Cement by Vicat Needle	T 277-96	Electrical Indication of Concrete's Ability to resist Chloride Ion Penetration
T 133-98	Density of Hydraulic Cement	T 290	Determining Water-Soluble Sulfate Ion Content in Soil
T 134-95	Moisture-Density Relations of Soil-Cement Mixtures	T 299-93	Rapid Identification of Alkali-Silica Reaction Products in Concrete
T 137-00	Air Content of Hydraulic Cement Mortar	T 303-00	Accelerated Detection of Potentially Deleterious Expansion of Mortar Bars Due to Alkali-Silica Reaction
T 141-97	Sampling Freshly Mixed Concrete	T 304-96	Uncompacted Void Content of Fine Aggregate
T 152-97	Air Content of Freshly Mixed Concrete by the Pressure Method	T 309-99	Temperature of Freshly Mixed Portland Cement Concrete
T 153-98	Fineness of Hydraulic Cement by Air Permeability Apparatus	TP 23-93 (1996)	Standard Test Method for Water Content of Freshly Mixed Concrete Using Microwave Oven Drying
T 154-91 (1996)	Time of Setting of Hydraulic Cement by Gillmore Needles	TP 60-00	Standard Test Method for the Coefficient of Thermal Expansion of Hydraulic Cement Concrete
T 155-91 (1996)	Water Retention by Concrete Curing Materials		
T 157-00	Air-Entraining Admixtures for Concrete		
T 158-97	Bleeding of Concrete		
T 160-97	Length Change of Hardened Hydraulic Cement Mortar and Concrete		
T 161-00	Resistance of Concrete to Rapid Freezing and Thawing		
T 177-97	Flexural Strength of Concrete (Using Simple Beam with Center-Point Loading)		
T 178-98	Cement Content of Hardened Portland Cement Concrete		
T 185-91 (1996)	Early Stiffening of Portland Cement (Mortar Method)		
T 186-97	Early Stiffening of Hydraulic Cement (Paste Method)		
T 192-99	Fineness of Hydraulic Cement by the 45- μm (No. 325) Sieve		
T 196-96	Air Content of Freshly Mixed Concrete by the Volumetric Method		
T 197-00	Time of Setting of Concrete Mixtures By Penetration Resistance		
T 198	Splitting Tensile Strength of Cylindrical Concrete Specimen		
T 199-00	Air Content of Freshly Mixed Concrete by the Chace Indicator		
T 210-96	Aggregate Durability Index		
T 231-97	Capping Cylindrical Concrete Specimen		
T 248-96	Reducing Samples of Aggregates to Testing Size		
T 255-00	Total Evaporable Moisture Content of Aggregate by Drying		
T 259-80	Resistance of Concrete to Chloride Ion Penetration		
T 260-97	Sampling and Testing for Chloride Ion in Concrete and Concrete Raw Materials		