

ASTM # **DESCRIPTION OF TESTING TITLE**

C1064	Test Method for Temperature of Freshly Mixed Portland Cement Concrete
C1077	Practice for Laboratories Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Laboratory Evaluation
C117	Test Method for Materials Finer than 75-um (No. 200) Sieve in Mineral Aggregates by Washing
C1231	Discontinued-1962
C127	Test Method for Specific Gravity and Absorption of Coarse Aggregate
C128	Test Method for Specific Gravity and Absorption of Fine Aggregate
C131	Test Method for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
C136	Test Method for Sieve Analysis of Fine and Coarse Aggregates
C138	Test Method for Unit Weight, Yield, and Air Content (Gravimetric) of Concrete
C142	Test Method for Clay Lumps and Friable Particles in Aggregates
C143	Test Method for Slump of Hydraulic Cement Concrete
C172	Practice for Sampling Freshly Mixed Concrete
C192	Practice for Making and Curing Concrete Test Specimens in the Laboratory
C231	Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method
C31	Practice for Making and Curing Concrete Test Specimens in the Field
C39	Test Method for Compressive Strength of Cylindrical Concrete Specimens
C40	Standard Test Method for Organic Impurities in Fine Aggregates for Concrete
C42	Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete
C566	Test Method for Total Moisture Content of Aggregate by Drying
C617	Standard Practice for Capping Cylindrical Concrete Specimens
C702	Practice for Reducing Samples of Aggregate to Testing Size
C78	Test Method for Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)
C88	Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate
D1140	Test Method for Amount of Material in Soils Finer Than the No. 200 (75-um) Sieve
D1188	Test Method for Bulk Specific Gravity and Density of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens
D1556	Test Method for Density of Soil In Place by the Sand-Cone Method
D1557	Test Method for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-blf/ft ³ ; 2,700 kN-m/m ³)
D1559	Test Method for Resistance to Plastic Flow of Bituminous Mixtures Using Marshall Apparatus
D1883	Test Method for CBR (California Bearing Ratio) of Laboratory-Compacted Soils
D2041	Test Method for Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures
D2166	Test Methods for Unconfined Compressive Strength of Cohesive Soil
D2172	Test Methods for Quantitative Extraction of Bitumen from Bituminous Paving Mixtures
D2216	Test Method for Laboratory Determination of Water (Moisture) Content of Soil and Rock
D2217	Standard Practice for Wet Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants
D2419	Test Method for Sand Equivalent Value of Soils and Fine Aggregate
D2435	Standard Test Method for One-Dimensional Consolidation Properties of Soils
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)
D2488	Practice for Description and Identification of Soils (Visual-Manual Procedure)
D2726	Test Method for Bulk Specific Gravity and Density of Non-Absorptive Compacted Bituminous Mixtures
D2850	Standard Test Method for Unconsolidated-Undrained Triaxial Compression Test on Cohesive Soils
D290	Practice for Bituminous Mixing Plant Inspection

- D2922 Test Methods for Density of Soil and Soil-Aggregate in Place by Nuclear Methods (Shallow Depth)
- D2950 Test Method for Density of Bituminous Concrete by Nuclear Methods
- D3017 Test Method for Water Content of Soil and Rock in Place by Nuclear Methods (Shallow Depth)
- D3080 Standard Test Method for Direct Shear Test of Soils Under Consolidated Drained Conditions
- D3203 Standard Test Method for Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures
- D3549 Test Method for Thickness or Height of Compacted Bituminous Paving Mixture Specimens
- D3666 Specification for Minimum Requirements for Agencies Testing and Inspecting Bituminous Paving Materials
- D3740 Practice for Minimum Requirements for Agencies Engaged in the Testing and/or Inspection of Soil and Rock as Used in Engrng Design& Constr
- D4125 Standard Test Methods for Asphalt Content of Bituminous Mixtures by the Nuclear Method
- D421 Standard Practice for Dry Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants
- D422 Standard Test Method for Particle-Size Analysis of Soils
- D4318 Test Method for Liquid Limit, Plastic Limit, and Plasticity Index of Soils
- D4767 Standard Test Method for Consolidated Undrained Triaxial Compression Test for Cohesive Soils
- D5084 Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Material Using a Flexible Wall Permeameter
- D5444 Standard Test Method for Mechanical Size Analysis of Extracted Aggregate
- D558 Test Method for Moisture-Density Relations of Soil-Cement Mixtures
- D698 Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400 ft-lbf/ft³; 600 kN-m/m³)
- D75 Practice for Sampling Aggregates
- D854 Test Method for Specific Gravity of Soils
- D979 Practice for Sampling Bituminous Paving Mixtures
- E329 Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction**

AASHTO DESCRIPTION OF TESTING TITLE

- T100 Standard Method of Test for Specific Gravity of Soils Twentieth Edition; ASTM D854-92 R(1999)
- T104 Standard Method of Test for Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate Twentieth Edition
- T11 Standard Method of Test for Materials Finer Than 75-um (No. 200) Sieve in Mineral Aggregates by Washing Twentieth Edition; ASTM C117-95
- T112 Standard Method of Test for Clay Lumps and Friable Particles in Aggregate Twentieth Edition; ASTM C142-97 R
- T119 Standard Method of Test for Slump of Hydraulic Cement Concrete Twentieth Edition; ASTM C143/C143M-97

- T121 Standard Method of Test for Mass per Cubic Meter (Cubic Foot), Yield, and Air Content (Gravimetric) of Concrete 20th Edition; ASTM C138
- T126 Standard Method of Test for Making and Curing Concrete Test Specimens in the Laboratory Twentieth Edition; ASTM C192-90a
- T134 Standard Method of Test for Moisture-Density Relations of Soil-Cement Mixtures Twentieth Edition; ASTM D 558-82
- T141 Standard Method of Test for Sampling Freshly Mixed Concrete Twentieth Edition; ASTM C172-90
- T146 Standard Method of Test for Wet Preparation of Disturbed Soil Samples for Test Twentieth Edition
- T152 Standard Method of Test for Air Content of Freshly Mixed Concrete by the Pressure Method Twentieth Edition; ASTM C231-91b
- T164 Standard Method of Test for Quantitative Extraction of Bitumen from Bituminous Paving Mixtures Twentieth Edition; ASTM D2172-88
- T166 Standard Method of Test for Bulk Specific Gravity of Compacted Bituminous Mixtures Using Saturated Surface-Dry Specimens Twentieth Edition
- T168 Standard Method of Test for Sampling Bituminous Paving Mixtures Twentieth Edition
- T172 Standard Specification for Bituminous Mixing Plant Inspection Nineteenth Edition; ASTM D290-91a; Discontinued
- T176 Standard Method of Test for Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test Twentieth Edition
- T180 Standard Method of Test for Moisture-Density Relations of Soils Using a 4.54-kg (10-lb) Rammer and a 457-mm (18-in.) Drop Twentieth Edition

T191 Standard Method of Test for Density of Soil In-Place by the Sand-Cone Method Twentieth Edition; ASTM D1556-90(1996) R(1996)
 T193 Standard Method of Test for the California Bearing Ratio Twentieth Edition
 T208 Standard Method of Test for Unconfined Compressive Strength of Cohesive Soil Twentieth Edition; ASTM D2166-85
 T209 Standard Method of Test for Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures Twentieth Edition
 T21 Standard Method of Test for Organic Impurities in Fine Aggregates for Concrete Twentieth Edition; ASTM C40-98 R(1996)
 T216 Standard Method of Test for One-Dimensional Consolidation Properties of Soils Twentieth Edition; ASTM D2435-90
 T22 Standard Method of Test for Compressive Strength of Cylindrical Concrete Specimens Twentieth Edition; ASTM C39-86
 T23 Standard Method of Test for Making and Curing Concrete Test Specimens in the Field Twentieth Edition; ASTM C 31-95
 T231 Standard Method of Test for Capping Cylindrical Concrete Specimens Twentieth Edition; ASTM C 617-94
 T236 Standard Method of Test for Direct Shear Test of Soils under Consolidated Drained Conditions Twentieth Edition; ASTM D3080-72(1979)R(1996)
 T238 Standard Method of Test for Density of Soil and Soil-Aggregate In-Place by Nuclear Methods (Shallow Depth) Twentieth Edition; Discontinued

 T239 Standard Method of Test for Moisture Content of Soil and Soil-Aggregate In-Place by Nuclear Methods (Shallow Depth) 20th Ed.; Discontinued
 T24 Standard Method of Test for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete Twentieth Edition; ASTM C42-94
 T245 Standard Method of Test for Resistance to Plastic Flow of Bituminous Mixtures Using Marshall Apparatus Twentieth Edition; ASTM D1559-76
 T248 Standard Method of Test for Reducing Samples of Aggregate to Testing Size Twentieth Edition; ASTM C702-93
 T255 Standard Method of Test for Total Ecaparable Moisture Content of Aggregate by Drying Twentieth Edition; ASTM C566-97
 T265 Standard Method of Test for Laboratory Determination of Moisture Content of Soils Twentieth Edition R(1996)
 T269 Standard Method of Test for Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures 20th Edition; ASTM D3203-94
 T27 Standard Method of Test for Sieve Analysis of Fine and Coarse Aggregates Twentieth Edition; ASTM C136-96a
 T275 Standard Method of Tests for Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens 20th Edition R(1996)
 T287 Standard Method of Test for Asphalt Cement Content of Asphalt Concrete Mixtures by the Nuclear Method Twentieth Edition; ASTM D4125-92
 T296 Standard Method of Test for Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression Twentieth Edition
 T297 Standard Method of Test for Consolidated, Undrained Triaxial Compression Test on Cohesive Soils Twentieth Edition
 T30 Standard Method of Test for Mechanical Analysis of Extracted Aggregate Twentieth Edition R(1998)
 T310 Standard Specification for In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth) 20th Edition
 T84 Standard Method of Test for Specific Gravity and Absorption of Fine Aggregate Twentieth Edition; ASTM C128-97
 T85 Standard Method of Test for Specific Gravity and Absorption of Coarse Aggregate Twentieth Edition; ASTM C127-88(1993) R(1996)
 T87 Standard Method of Test for Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test Twentieth Edition R(1996)
 T88 Standard Method of Test for Particle Size Analysis of Soils Twentieth Edition
 T89 Standard Method of Test for Determining the Liquid Limit of Soils Twentieth Edition
 T90 Standard Method of Test for Determining the Plastic Limit and Plasticity Index of Soils Twentieth
 T96 Standard Method of Test for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion&Impact in LAMachine 20thEd;ASTMC131-
 T97 Standard Method of Test for Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading) Twentieth Edition; ASTM C78-94
 T99 Standard Specification for the Moisture-Density Relations of Soils Using a 2.5 kg (5.5 lb) Rammer and a 305 mm (12 in.) Drop Twentieth Edition