



CERTIFICATE OF ACCREDITATION



Alpha Testing, LLC

in

Fort Worth, Texas, USA

has demonstrated proficiency for the testing of construction materials and has conformed to the requirements established in AASHTO R 18 and the AASHTO Accreditation policies established by the AASHTO Committee on Materials and Pavements.

The scope of accreditation can be viewed on the Directory of AASHTO Accredited Laboratories (aashtoresource.org).

A handwritten signature in black ink, appearing to read 'Jim Tymon', written over a horizontal line.

Jim Tymon,
AASHTO Executive Director

A handwritten signature in black ink, appearing to read 'Moe Jamshidi', written over a horizontal line.

Moe Jamshidi,
AASHTO COMP Chair

This certificate was generated on 02/02/2022 at 5:53 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

Alpha Testing, LLC

in Fort Worth, Texas, USA

Quality Management System

Standard:

Accredited Since:

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|-------------------|--|------------|
| R18 | Establishing and Implementing a Quality System for Construction Materials Testing Laboratories | 11/05/2010 |
| C1077 (Aggregate) | Laboratories Testing Concrete and Concrete Aggregates | 08/02/2012 |
| C1077 (Concrete) | Laboratories Testing Concrete and Concrete Aggregates | 12/04/2018 |
| D3740 (Soil) | Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction | 07/31/2020 |
| E329 (Aggregate) | Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction | 08/03/2012 |
| E329 (Concrete) | Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction | 12/04/2018 |
| E329 (Soil) | Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction | 07/31/2020 |



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Soil

Standard:

Accredited Since:

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| R58 | Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test | 11/05/2010 |
| R74 | Wet Preparation of Disturbed Soil Samples for Test | 11/05/2010 |
| T88 | Particle Size Analysis of Soils by Hydrometer | 11/05/2010 |
| T89 | Determining the Liquid Limit of Soils (Atterberg Limits) | 11/05/2010 |
| T90 | Plastic Limit of Soils (Atterberg Limits) | 11/05/2010 |
| T99 | The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop | 11/05/2010 |
| T134 | Moisture-Density Relations of Soil-Cement Mixtures | 11/05/2010 |
| T135 | Wetting-and-Drying Test of Compacted Soil-Cement Mixtures | 11/05/2010 |
| T136 | Freezing-and-Thawing Tests of Compacted Soil-Cement Mixtures | 11/05/2010 |
| T180 | Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop | 11/05/2010 |
| T191 | Density of Soil In-Place by the Sand Cone Method | 11/05/2010 |
| T193 | The California Bearing Ratio | 09/12/2014 |
| T208 | Unconfined Compressive Strength of Cohesive Soil | 09/12/2014 |
| T265 | Laboratory Determination of Moisture Content of Soils | 11/05/2010 |
| T296 | Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression | 11/15/2018 |
| T297 | Consolidated-Undrained Triaxial Compression Test on Cohesive Soils | 11/15/2018 |
| T310 | In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth) | 11/05/2010 |
| D421 | Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test | 11/05/2010 |
| D422 | Particle Size Analysis of Soils by Hydrometer | 11/05/2010 |
| D558 | Moisture-Density Relations of Soil-Cement Mixtures | 11/05/2010 |
| D559 | Wetting-and-Drying Test of Compacted Soil-Cement Mixtures | 11/05/2010 |
| D560 | Freezing-and-Thawing Tests of Compacted Soil-Cement Mixtures | 11/05/2010 |
| D698 | The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop | 11/05/2010 |



SCOPE OF AASHTO ACCREDITATION FOR:

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Soil (Continued)

| Standard: | Accredited Since: |
|---|--------------------------|
| D1140 Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve | 11/05/2010 |
| D1556 Density of Soil In-Place by the Sand Cone Method | 11/05/2010 |
| D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop | 11/05/2010 |
| D1883 The California Bearing Ratio | 09/12/2014 |
| D2166 Unconfined Compressive Strength of Cohesive Soil | 09/12/2014 |
| D2216 Laboratory Determination of Moisture Content of Soils | 11/05/2010 |
| D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System) | 11/05/2010 |
| D2488 Description and Identification of Soils (Visual-Manual Procedure) | 11/05/2010 |
| D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression | 11/15/2018 |
| D4318 Determining the Liquid Limit of Soils (Atterberg Limits) | 11/05/2010 |
| D4318 Plastic Limit of Soils (Atterberg Limits) | 11/05/2010 |
| D4546 One-Dimensional Swell or Settlement Potential of Cohesive Soils | 04/10/2012 |
| D4643 Determination of Water (Moisture) Content of Soil by Microwave Oven Heating | 07/24/2014 |
| D4718 Oversize Particle Correction | 07/24/2014 |
| D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils | 11/15/2018 |
| D4972 pH Testing of Soils | 11/05/2010 |
| D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis | 09/12/2014 |
| D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth) | 11/05/2010 |



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Aggregate

Standard:

Accredited Since:

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| R76 Reducing Samples of Aggregate to Testing Size | 09/13/2018 |
| R90 Sampling Aggregate | 06/24/2016 |
| T11 Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing | 09/13/2018 |
| T19 Bulk Density ("Unit Weight") and Voids in Aggregate | 09/13/2018 |
| T21 Organic Impurities in Fine Aggregates for Concrete | 09/13/2018 |
| T27 Sieve Analysis of Fine and Coarse Aggregates | 09/13/2018 |
| T84 Specific Gravity (Relative Density) and Absorption of Fine Aggregate | 09/13/2018 |
| T85 Specific Gravity and Absorption of Coarse Aggregate | 09/13/2018 |
| T255 Total Moisture Content of Aggregate by Drying | 09/13/2018 |
| C29 Bulk Density ("Unit Weight") and Voids in Aggregate | 05/20/2013 |
| C40 Organic Impurities in Fine Aggregates for Concrete | 12/14/2010 |
| C117 Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing | 12/14/2010 |
| C127 Specific Gravity and Absorption of Coarse Aggregate | 12/14/2010 |
| C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate | 12/14/2010 |
| C136 Sieve Analysis of Fine and Coarse Aggregates | 12/14/2010 |
| C566 Total Moisture Content of Aggregate by Drying | 12/14/2010 |
| C702 Reducing Samples of Aggregate to Testing Size | 12/14/2010 |
| D75 Sampling Aggregate | 06/24/2016 |



SCOPE OF AASHTO ACCREDITATION FOR:

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Concrete

| Standard: | | Accredited Since: |
|----------------------------|---|-------------------|
| M201 | Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes | 12/04/2018 |
| R60 | Sampling Freshly Mixed Concrete | 09/13/2018 |
| T22 | Compressive Strength of Cylindrical Concrete Specimens | 12/04/2018 |
| T23 | Making and Curing Concrete Test Specimens in the Field | 12/04/2018 |
| T24 | Obtaining and Testing Drilled Cores and Sawed Beams of Concrete | 12/04/2018 |
| T97 | Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading) | 12/04/2018 |
| T119 | Slump of Hydraulic Cement Concrete | 09/13/2018 |
| T121 | Density (Unit Weight), Yield, and Air Content of Concrete | 09/13/2018 |
| T152 | Air Content of Freshly Mixed Concrete by the Pressure Method | 09/13/2018 |
| T196 | Air Content of Freshly Mixed Concrete by the Volumetric Method | 12/04/2018 |
| T231 (11000 psi and below) | Capping Cylindrical Concrete Specimens | 02/04/2021 |
| T309 | Temperature of Freshly Mixed Portland Cement Concrete | 12/04/2018 |
| T325 | Estimating Concrete Strength by the Maturity Method | 12/04/2018 |
| C31 | Making and Curing Concrete Test Specimens in the Field | 12/04/2018 |
| C39 | Compressive Strength of Cylindrical Concrete Specimens | 12/04/2018 |
| C42 | Obtaining and Testing Drilled Cores and Sawed Beams of Concrete | 05/20/2013 |
| C78 | Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading) | 12/04/2018 |
| C138 | Density (Unit Weight), Yield, and Air Content of Concrete | 12/14/2010 |
| C143 | Slump of Hydraulic Cement Concrete | 12/14/2010 |
| C172 | Sampling Freshly Mixed Concrete | 12/14/2010 |
| C173 | Air Content of Freshly Mixed Concrete by the Volumetric Method | 12/14/2010 |
| C231 | Air Content of Freshly Mixed Concrete by the Pressure Method | 12/14/2010 |
| C511 | Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes | 12/04/2018 |



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Concrete (Continued)

Standard:

Accredited Since:

| | | |
|----------------------------|--|------------|
| C617 (11000 psi and below) | Capping Cylindrical Concrete Specimens | 02/04/2021 |
| C642 | Density, Absorption, and Voids in Hardened Concrete | 01/05/2016 |
| C1064 | Temperature of Freshly Mixed Portland Cement Concrete | 12/04/2018 |
| C1074 | Estimating Concrete Strength by the Maturity Method | 12/04/2018 |
| C1231 (7000 psi and below) | Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders | 12/14/2010 |
| C1542 | Measuring Length of Concrete Cores | 02/04/2021 |



SCOPE OF AASHTO ACCREDITATION FOR:

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Masonry

Standard:

Accredited Since:

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|----------------|--|------------|
| C511 | Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes | 12/04/2018 |
| C780 (Annex 1) | Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration | 02/04/2021 |
| C780 (Annex 6) | Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength | 12/04/2018 |