



# CERTIFICATE OF ACCREDITATION



## Alpha Testing

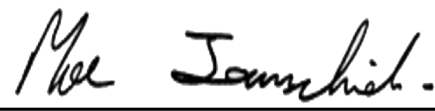
in

## 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](http://aashtoresource.org)).

  
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Bud Wright,  
AASHTO Executive Director

  
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Moe Jamshidi,  
AASHTO COMP Chair

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# SCOPE OF AASHTO ACCREDITATION FOR:

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## Quality Management System

### Standard:

### Accredited Since:

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	01/05/2016
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	01/05/2016



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## Soil

### Standard:

### Accredited Since:

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
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	09/12/2014
T224	Oversize Particle Correction	07/24/2014
T265	Laboratory Determination of Moisture Content of Soils	11/05/2010
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



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## Soil (Continued)

<b>Standard:</b>	<b>Accredited Since:</b>
D1140 Amount of Material in Soils Finer than the No. 200 (75- $\mu$ 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
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	09/12/2014
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
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
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:

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T2 Sampling Aggregate	06/24/2016
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- $\mu$ 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



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## Concrete

Standard:		Accredited Since:
C31	Making and Curing Concrete Test Specimens in the Field	12/14/2010
C39	Compressive Strength of Cylindrical Concrete Specimens	12/14/2010
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)	12/14/2010
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
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	05/20/2013
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	05/20/2013
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	12/14/2010
C642	Density, Absorption, and Voids in Hardened Concrete	01/05/2016
C1064	Temperature of Freshly Mixed Portland Cement Concrete	12/14/2010
C1074	Estimating Concrete Strength by the Maturity Method	05/20/2013
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	12/14/2010



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## Masonry

**Standard:**

**Accredited Since:**

C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	01/05/2016
C780 (Annex 6)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength	01/05/2016