AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

Standard Testing & Engineering, LLC

dba

Standard Testing & Engineering Company

in

Oklahoma City, Oklahoma, 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).

Jim Tymon,
AASHTO Executive Director

Moe Jamshidi,
AASHTO COMP Chair

This certificate was generated on 02/22/2019 at 5:52 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Standard Testing & Engineering, LLC dba Standard Testing & Engineering Company

in Oklahoma City, Oklahoma, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	04/08/2013
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	04/08/2013
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	04/08/2013
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	04/08/2013
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	09/06/2016
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	04/08/2013
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/08/2013
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/06/2016
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/08/2013
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/08/2013
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/06/2016

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Asphalt Mixture

Standard:		Accredited Since:
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	04/08/2013
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	04/08/2013
T30	Mechanical Analysis of Extracted Aggregate	04/08/2013
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	04/08/2013
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/08/2013
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	04/08/2013
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	10/06/2017
T275	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	04/08/2013
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	09/06/2016
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	04/08/2013
D1188	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	04/08/2013
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/08/2013
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	04/08/2013
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	10/28/2014
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	10/06/2017
D5444	Mechanical Analysis of Extracted Aggregate	04/08/2013
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	09/06/2016
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	04/08/2013
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	04/08/2013
D6927	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	04/08/2013
D6931	Indirect Tensile Strength (IDT)	10/06/2017

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	04/08/2013
R74	Wet Preparation of Disturbed Soil Samples for Test	04/08/2013
T88	Particle Size Analysis of Soils by Hydrometer	04/08/2013
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	04/08/2013
T90	Plastic Limit of Soils (Atterberg Limits)	04/08/2013
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	04/08/2013
T100	Specific Gravity of Soils	04/08/2013
T134	Moisture-Density Relations of Soil-Cement Mixtures	04/08/2013
T135	Wetting-and-Drying Test of Compacted Soil-Cement Mixtures	10/06/2017
T136	Freezing-and-Thawing Tests of Compacted Soil-Cement Mixtures	10/06/2017
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/08/2013
T191	Density of Soil In-Place by the Sand Cone Method	04/08/2013
T193	The California Bearing Ratio	04/08/2013
T208	Unconfined Compressive Strength of Cohesive Soil	04/08/2013
T215	Permeability of Granular Soils (Constant Head)	04/08/2013
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	04/08/2013
T217	Determination of Moisture in Soils by Means of a Calcium Carbide Gas Pressure Moisture Tester	04/08/2013
T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	04/08/2013
T265	Laboratory Determination of Moisture Content of Soils	04/08/2013
T267	Determination of Organic Content in Soils by Loss on Ignition	04/08/2013
T289	pH of Soils for Corrosion Testing	08/15/2014
T296	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	04/08/2013
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	04/08/2013

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Soil (Continued)

Standard:		Accredited Since:
T311	Grain-Size Analysis of Granular Soil Materials	10/06/2017
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	04/08/2013
D422	Particle Size Analysis of Soils by Hydrometer	04/08/2013
D558	Moisture-Density Relations of Soil-Cement Mixtures	04/08/2013
D559	Wetting-and-Drying Test of Compacted Soil-Cement Mixtures	10/06/2017
D560	Freezing-and-Thawing Tests of Compacted Soil-Cement Mixtures	10/06/2017
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	04/08/2013
D854	Specific Gravity of Soils	04/08/2013
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	04/08/2013
D1556	Density of Soil In-Place by the Sand Cone Method	04/08/2013
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/08/2013
D1883	The California Bearing Ratio	04/08/2013
D2166	Unconfined Compressive Strength of Cohesive Soil	04/08/2013
D2216	Laboratory Determination of Moisture Content of Soils	04/08/2013
D2434	Permeability of Granular Soils (Constant Head)	04/08/2013
D2435	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	04/08/2013
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	04/08/2013
D2488	Description and Identification of Soils (Visual-Manual Procedure)	04/08/2013
D2850	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	04/08/2013
D2974	Determination of Organic Content in Soils by Loss on Ignition	04/08/2013
D3080 (4000 lb/ft-sq or Greater Normal Stress)	Direct Shear Test of Soils Under Consolidated Drained Conditions (with Exceptions)	09/06/2016
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	04/08/2013
D4318	Plastic Limit of Soils (Atterberg Limits)	04/08/2013

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Soil (Continued)

Standard:		Accredited Since:
D4546	One-Dimensional Swell or Settlement Potential of Cohesive Soils	04/08/2013
D4643	Determination of Water (Moisture) Content of Soil by Microwave Oven Heating	08/15/2014
D4718	Oversize Particle Correction	08/15/2014
D4943	Shrinkage Factors of Soil by Wax Method	04/08/2013
D4944	Determination of Moisture in Soils by Means of a Calcium Carbide Gas Pressure Moisture Tester	04/08/2013
D4972	pH Testing of Soils	04/08/2013
D6913	Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	10/06/2017
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	04/08/2013

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	04/08/2013
R90	Sampling Aggregate	08/15/2014
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	04/08/2013
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	04/08/2013
T21	Organic Impurities in Fine Aggregates for Concrete	04/08/2013
T27	Sieve Analysis of Fine and Coarse Aggregates	04/08/2013
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/08/2013
T85	Specific Gravity and Absorption of Coarse Aggregate	04/08/2013
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	08/15/2014
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	10/28/2014
T112	Clay Lumps and Friable Particles in Aggregate	08/15/2014
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	04/08/2013
T210	Aggregate Durability Index	04/08/2013
T255	Total Moisture Content of Aggregate by Drying	04/08/2013
T303	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	10/26/2015
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	04/08/2013
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	08/15/2014
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	04/08/2013
C40	Organic Impurities in Fine Aggregates for Concrete	04/08/2013
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	04/08/2013
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	04/08/2013
C127	Specific Gravity and Absorption of Coarse Aggregate	04/08/2013
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	04/08/2013

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Aggregate (Continued)

Standard:		Accredited Since:
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	04/08/2013
C136	Sieve Analysis of Fine and Coarse Aggregates	04/08/2013
C142	Clay Lumps and Friable Particles in Aggregate	04/08/2013
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	04/08/2013
C566	Total Moisture Content of Aggregate by Drying	04/08/2013
C702	Reducing Samples of Aggregate to Testing Size	04/08/2013
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	04/08/2013
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	04/08/2013
C1567	Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)	04/08/2013
D75	Sampling Aggregate	08/15/2014
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	04/08/2013
D3744	Aggregate Durability Index	04/08/2013
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	04/08/2013
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	04/08/2013

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Sprayed Fire-Resistive Material

Standard:	Accredited Since:
E605 Thickness and Density of Sprayed Fire-Resistive Material(SFRM) Applied to Structural Members	04/08/2013
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	04/08/2013

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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	04/08/2013
R39	Making and Curing Concrete Test Specimens in the Laboratory	04/08/2013
R60	Sampling Freshly Mixed Concrete	04/08/2013
T22	Compressive Strength of Cylindrical Concrete Specimens	04/08/2013
T23	Making and Curing Concrete Test Specimens in the Field	04/08/2013
T24	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	04/08/2013
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	04/08/2013
T119	Slump of Hydraulic Cement Concrete	04/08/2013
T121	Density (Unit Weight), Yield, and Air Content of Concrete	04/08/2013
T148	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	04/08/2013
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	04/08/2013
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	04/08/2013
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	04/08/2013
T197	Time of Setting of Concrete Mixtures by Penetration Resistance	10/26/2015
T231 (7000 psi and below)	Capping Cylindrical Concrete Specimens	04/08/2013
T303	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	04/08/2013
T309	Temperature of Freshly Mixed Portland Cement Concrete	04/08/2013
T347	Slump Flow of Self-Consolidating Concrete	10/26/2015
C31	Making and Curing Concrete Test Specimens in the Field	04/08/2013
C39	Compressive Strength of Cylindrical Concrete Specimens	04/08/2013
C42	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	04/08/2013
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	04/08/2013
C138	Density (Unit Weight), Yield, and Air Content of Concrete	04/08/2013

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Concrete (Continued)

Standard:		Accredited Since:
C143	Slump of Hydraulic Cement Concrete	04/08/2013
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	04/08/2013
C172	Sampling Freshly Mixed Concrete	04/08/2013
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	04/08/2013
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	04/08/2013
C192	Making and Curing Concrete Test Specimens in the Laboratory	04/08/2013
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	04/08/2013
C403	Time of Setting of Concrete Mixtures by Penetration Resistance	10/26/2015
C469	Static Modulus of Elasticity and Poisson's Ratio of Concrete in Compression	10/25/2017
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	04/08/2013
C567	Determining Density of Structural Lightweight Concrete	04/08/2013
C597	Pulse Velocity Through Concrete	04/08/2013
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	04/08/2013
C642	Density, Absorption, and Voids in Hardened Concrete	04/08/2013
C803	Penetration Resistance of Hardened Concrete	04/08/2013
C805	Rebound Number of Hardened Concrete	04/08/2013
C876	Half-Cell Potentials of Uncoated Reinforcing Steel in Concrete (copy 1)	04/08/2013
C1064	Temperature of Freshly Mixed Portland Cement Concrete	04/08/2013
C1152	Acid-Soluble Chloride in Mortar and Concrete	10/26/2015
C1218	Water-Soluble Chloride in Mortar and Concrete	10/26/2015
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	04/08/2013
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	04/08/2013
C1567	Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)	04/08/2013

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Concrete (Continued)

Standard:		Accredited Since:
C1611	Slump Flow of Self-Consolidating Concrete	10/26/2015
C1621	Passing Ability of Self-Consolidating Concrete by J-Ring	10/26/2015

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Masonry

Standard:		Accredited Since:
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/25/2017
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/25/2017
C780 (Annex 6)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength	10/25/2017
C1019	Sampling and Testing Grout	10/25/2017