AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials
AASHTO

CTL/Thompson, Inc.

in

Colorado Springs, Colorado, 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

Matt Linneman,
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	10/04/2012
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	03/08/2017
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	**Suspended**
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	06/25/2014
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	06/25/2014

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Asphalt Mixture

Standard:		Accredited Since:
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	10/04/2012
T30	Mechanical Analysis of Extracted Aggregate	10/04/2012
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	10/04/2012
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	10/04/2012
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	10/04/2012
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	10/04/2012
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	10/04/2012
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	10/04/2012
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	10/04/2012
T355	Density of Bituminous Concrete In Place by Nuclear Methods	10/16/2018
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	10/20/2014
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	10/04/2012
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	10/20/2014
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	10/20/2014
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	09/14/2022
D4867	Resistance of Compacted Mixtures to Moisture Induced Damage	10/20/2014
D5444	Mechanical Analysis of Extracted Aggregate	10/04/2012
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	10/20/2014
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	10/04/2012
CP-L 5106	Resistance to Deformation by Hveem Apparatus (Colorado)	10/04/2012
CP-L 5115	HMA Superpave Gyratory Compactor (Colorado)	10/04/2012

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	10/04/2012
T88	Particle Size Analysis of Soils by Hydrometer	03/10/2025
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	10/04/2012
T90	Plastic Limit of Soils (Atterberg Limits)	10/04/2012
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	10/04/2012
T134	Moisture-Density Relations of Soil-Cement Mixtures	10/04/2012
T135	Wetting-and-Drying Test of Compacted Soil-Cement Mixtures	10/04/2012
T136	Freezing-and-Thawing Tests of Compacted Soil-Cement Mixtures	10/04/2012
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	10/04/2012
T208	Unconfined Compressive Strength of Cohesive Soil	10/04/2012
T265	Laboratory Determination of Moisture Content of Soils	10/04/2012
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	10/04/2012
T311	Grain-Size Analysis of Granular Soil Materials	10/04/2012
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	10/04/2012
D422	Particle Size Analysis of Soils by Hydrometer	10/04/2012
D558	Moisture-Density Relations of Soil-Cement Mixtures	10/04/2012
D559	Wetting-and-Drying Test of Compacted Soil-Cement Mixtures	10/04/2012
D560	Freezing-and-Thawing Tests of Compacted Soil-Cement Mixtures	10/04/2012
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	10/04/2012
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	10/04/2012
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	10/04/2012
D2166	Unconfined Compressive Strength of Cohesive Soil	10/04/2012
D2216	Laboratory Determination of Moisture Content of Soils	10/04/2012

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Soil (Continued)

Standard:	Accredited Since:
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	10/04/2012
D2488 Description and Identification of Soils (Visual-Manual Procedure)	10/04/2012
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	10/04/2012
D4318 Plastic Limit of Soils (Atterberg Limits)	10/04/2012
D4546 One-Dimensional Swell or Settlement Potential of Cohesive Soils	03/10/2025
D4718 Oversize Particle Correction	12/12/2016
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	10/04/2012

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	10/04/2012
R90	Sampling Aggregate	10/20/2014
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	10/04/2012
T27	Sieve Analysis of Fine and Coarse Aggregates	10/04/2012
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	10/04/2012
T85	Specific Gravity and Absorption of Coarse Aggregate	10/04/2012
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	10/04/2012
T255	Total Moisture Content of Aggregate by Drying	10/04/2012
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	10/20/2014
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	10/04/2012
C127	Specific Gravity and Absorption of Coarse Aggregate	10/04/2012
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	10/04/2012
C136	Sieve Analysis of Fine and Coarse Aggregates	10/04/2012
C566	Total Moisture Content of Aggregate by Drying	10/04/2012
C702	Reducing Samples of Aggregate to Testing Size	10/04/2012
D75	Sampling Aggregate	10/20/2014
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	10/04/2012
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	10/20/2014

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Concrete

Standard:		Accredited Since:
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	**Suspended**
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	**Suspended**
C39	Compressive Strength of Cylindrical Concrete Specimens	**Suspended**
C42 (Drilling Cores of Concrete)	Drilling Cores of Concrete	10/22/2026
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	10/27/2017
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	**Suspended**
C138	Density (Unit Weight), Yield, and Air Content of Concrete	10/04/2012
C143	Slump of Hydraulic Cement Concrete	10/04/2012
C172	Sampling Freshly Mixed Concrete	10/04/2012
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	10/04/2012
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	10/04/2012
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	**Suspended**
C617 (6000 psi and below)	Capping Cylindrical Concrete Specimens	10/22/2026
C1064	Temperature of Freshly Mixed Portland Cement Concrete	10/04/2012
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	06/18/2013
C1542	Measuring Length of Concrete Cores	10/27/2017

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