AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

Alt & Witzig Engineering, Inc.

in

Carmel, Indiana, 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	02/24/2014
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	02/24/2014
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	10/17/2024
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	02/24/2014
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	02/03/2026
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/19/2023

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Asphalt Mixture

Standard:		Accredited Since:
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	02/24/2014
T166 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	09/08/2021
T355	Density of Bituminous Concrete In Place by Nuclear Methods	09/08/2021
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	09/08/2021
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	09/08/2021

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	02/24/2014
T88	Particle Size Analysis of Soils by Hydrometer	02/24/2014
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	02/24/2014
T90	Plastic Limit of Soils (Atterberg Limits)	02/24/2014
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	02/24/2014
T100	Specific Gravity of Soils	02/24/2014
T134	Moisture-Density Relations of Soil-Cement Mixtures	02/24/2014
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	02/24/2014
T208	Unconfined Compressive Strength of Cohesive Soil	02/24/2014
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	02/24/2014
T265	Laboratory Determination of Moisture Content of Soils	02/24/2014
T267	Determination of Organic Content in Soils by Loss on Ignition	02/24/2014
T288	Minimum Soil Resistivity	04/22/2016
T289	pH of Soils for Corrosion Testing	02/24/2014
T296	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	02/24/2014
T297	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	02/24/2014
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	02/24/2014
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	02/24/2014
D422	Particle Size Analysis of Soils by Hydrometer	02/24/2014
D558	Moisture-Density Relations of Soil-Cement Mixtures	02/24/2014
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	02/24/2014
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	02/24/2014
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	02/24/2014

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Soil (Continued)

Standard:	Accredited Since:
D2166 Unconfined Compressive Strength of Cohesive Soil	02/24/2014
D2216 Laboratory Determination of Moisture Content of Soils	02/24/2014
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	02/24/2014
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	02/24/2014
D2488 Description and Identification of Soils (Visual-Manual Procedure)	02/24/2014
D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	02/24/2014
D2974 Determination of Organic Content in Soils by Loss on Ignition	02/24/2014
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	02/24/2014
D4318 Plastic Limit of Soils (Atterberg Limits)	02/24/2014
D4643 Determination of Water (Moisture) Content of Soil by Microwave Oven Heating	02/24/2014
D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	02/24/2014
D5084 Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	02/24/2014
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	02/24/2014
G57 Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method	03/11/2016

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	02/03/2026
R90	Sampling Aggregate	10/17/2024
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	02/03/2026
T21	Organic Impurities in Fine Aggregates for Concrete	02/03/2026
T27	Sieve Analysis of Fine and Coarse Aggregates	02/03/2026
T85	Specific Gravity and Absorption of Coarse Aggregate	02/03/2026
T255	Total Moisture Content of Aggregate by Drying	02/03/2026
C40	Organic Impurities in Fine Aggregates for Concrete	02/24/2014
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	02/24/2014
C127	Specific Gravity and Absorption of Coarse Aggregate	07/03/2018
C136	Sieve Analysis of Fine and Coarse Aggregates	02/24/2014
C566	Total Moisture Content of Aggregate by Drying	02/24/2014
C702	Reducing Samples of Aggregate to Testing Size	02/24/2014
D75	Sampling Aggregate	10/17/2024

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Concrete

Standard:		Accredited Since:
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	11/04/2014
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	11/04/2014
C39	Compressive Strength of Cylindrical Concrete Specimens	02/24/2014
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	11/04/2014
C138	Density (Unit Weight), Yield, and Air Content of Concrete	02/24/2014
C143	Slump of Hydraulic Cement Concrete	02/24/2014
C172	Sampling Freshly Mixed Concrete	02/24/2014
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	02/24/2014
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	02/24/2014
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	02/24/2014
C617 (10000 psi and below)	Capping Cylindrical Concrete Specimens	02/03/2026
C1064	Temperature of Freshly Mixed Portland Cement Concrete	02/24/2014
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	02/24/2014

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