Certificate of Accreditation

ESP Associates, Inc.

in

Fort Mill, South Carolina, 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	12/15/2000
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	02/12/2019
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	01/10/2011
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	03/19/2019
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/07/2022
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/05/2019

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	12/05/2019
T88	Particle Size Analysis of Soils by Hydrometer	12/05/2019
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	12/05/2019
T90	Plastic Limit of Soils (Atterberg Limits)	12/05/2019
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	12/05/2019
T100	Specific Gravity of Soils	12/05/2019
T134	Moisture-Density Relations of Soil-Cement Mixtures	05/05/2025
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	12/05/2019
T193	The California Bearing Ratio	12/05/2019
T265	Laboratory Determination of Moisture Content of Soils	12/05/2019
T267	Determination of Organic Content in Soils by Loss on Ignition	05/05/2025
T297	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	12/05/2019
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	12/15/2000
D422	Particle Size Analysis of Soils by Hydrometer	12/15/2000
D558	Moisture-Density Relations of Soil-Cement Mixtures	05/05/2025
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	12/15/2000
D854	Specific Gravity of Soils	12/15/2000
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	12/15/2000
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	12/15/2000
D1633	Compressive Strength of Molded Soil-Cement Cylinders	05/05/2025
D1883	The California Bearing Ratio	12/15/2000
D2216	Laboratory Determination of Moisture Content of Soils	12/15/2000
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	05/05/2025

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Soil (Continued)

Standard:	Accredited Since:
D2488 Description and Identification of Soils (Visual-Manual Procedure)	05/05/2025
D2974 Determination of Organic Content in Soils by Loss on Ignition	05/05/2025
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	12/15/2000
D4318 Plastic Limit of Soils (Atterberg Limits)	12/15/2000
D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	10/25/2017
D5084 Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	10/09/2026

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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	04/01/2026
R60	Sampling Freshly Mixed Concrete	04/01/2026
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	04/01/2026
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	04/01/2026
T22	Compressive Strength of Cylindrical Concrete Specimens	04/01/2026
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	04/01/2026
T119	Slump of Hydraulic Cement Concrete	04/01/2026
T121	Density (Unit Weight), Yield, and Air Content of Concrete	04/01/2026
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	04/15/2026
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	04/01/2026
T231 (5000 psi and below)	Capping Cylindrical Concrete Specimens	04/01/2026
T309	Temperature of Freshly Mixed Portland Cement Concrete	04/01/2026
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	02/12/2019
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	02/12/2019
C39	Compressive Strength of Cylindrical Concrete Specimens	09/08/2003
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	11/10/2016
C138	Density (Unit Weight), Yield, and Air Content of Concrete	09/08/2003
C143	Slump of Hydraulic Cement Concrete	09/08/2003
C172	Sampling Freshly Mixed Concrete	09/08/2003
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	09/08/2003
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	09/08/2003
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	09/08/2014
C617 (5000 psi and below)	Capping Cylindrical Concrete Specimens	04/01/2026

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Concrete (Continued)

Standard:		Accredited Since:
C1064	Temperature of Freshly Mixed Portland Cement Concrete	09/08/2003
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	08/30/2011

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Masonry

Standard:		Accredited Since:
C140 (Reduced-Size Concrete Masonry Units)	Sampling and Testing Concrete Masonry Units and Related Units	11/12/2025
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	01/12/2017
C1019	Sampling and Testing Grout	01/12/2017
C1314 (Prisms Constructed of Reduced-Size Concrete Masonry Units)	Compressive Strength of Masonry Prisms	11/12/2025
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	01/12/2017

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