Certificate of Accreditation

ESP Associates, Inc.

in

Concord, North 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:

ESP Associates, Inc.

in Concord, North Carolina, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	02/24/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	02/24/2011
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	02/07/2019
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/11/2019
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	02/07/2019

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Soil

Standard:	Accredited Since:
D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	07/09/2013
D422 Particle Size Analysis of Soils by Hydrometer	07/09/2013
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	07/09/2013
D854 Specific Gravity of Soils	05/03/2017
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	07/21/2021
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	07/21/2021
D2216 Laboratory Determination of Moisture Content of Soils	07/09/2013
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	07/09/2013
D4318 Plastic Limit of Soils (Atterberg Limits)	07/09/2013

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Concrete

Standard:		Accredited Since:
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	02/24/2011
C39	Compressive Strength of Cylindrical Concrete Specimens	02/24/2011
C138	Density (Unit Weight), Yield, and Air Content of Concrete	02/24/2011
C143	Slump of Hydraulic Cement Concrete	02/24/2011
C172	Sampling Freshly Mixed Concrete	02/24/2011
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	02/24/2011
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	02/24/2011
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	07/26/2011
C1064	Temperature of Freshly Mixed Portland Cement Concrete	02/24/2011
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	02/24/2011

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