



CERTIFICATE OF ACCREDITATION



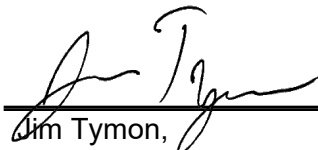
ECS Southeast, LLC - an Engineering Consulting Services, Ltd. company

in

Louisville, Kentucky, 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:

ECS Southeast, LLC - an Engineering Consulting Services, Ltd. company
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Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	04/20/2009
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	07/10/2024
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	09/27/2011
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/10/2024
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/10/2024



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Soil

Standard:

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D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	04/20/2009
D422 Particle Size Analysis of Soils by Hydrometer	04/20/2009
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	04/20/2009
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	04/20/2009
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/20/2009
D2216 Laboratory Determination of Moisture Content of Soils	04/20/2009
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	04/20/2009
D2488 Description and Identification of Soils (Visual-Manual Procedure)	04/20/2009
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	04/20/2009
D4318 Plastic Limit of Soils (Atterberg Limits)	04/20/2009
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	04/20/2009



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Aggregate

Standard:

Accredited Since:

C117 Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	07/10/2024
C136 Sieve Analysis of Fine and Coarse Aggregates	07/10/2024
C566 Total Moisture Content of Aggregate by Drying	07/10/2024
C702 Reducing Samples of Aggregate to Testing Size	07/10/2024



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Concrete

Standard:		Accredited Since:
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	01/04/2023
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	01/04/2023
C39	Compressive Strength of Cylindrical Concrete Specimens	04/12/2010
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	02/14/2023
C143	Slump of Hydraulic Cement Concrete	04/12/2010
C172	Sampling Freshly Mixed Concrete	04/12/2010
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	04/12/2010
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	04/12/2010
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	08/17/2012
C1064	Temperature of Freshly Mixed Portland Cement Concrete	04/12/2010
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	08/17/2012