SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ATSER LP
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GEOTECHNICAL

Valid To: March 31, 2025 Certificate Number: 0456.02

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the laboratory's compliance with the A2LA R209 – Specific Requirements for Harris County/Houston, TX: Geotechnical Engineering Testing Laboratory Accreditation Program), accreditation is granted to this laboratory to perform the following tests under the ASTM recommended practice D3740:

Test Method:	**Test Description:**
Soils:	
ASTM D421 (Withdrawn 2016)[1]	Dry Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants
ASTM D422 (Withdrawn 2016)[1]	Particle-Size Analysis of Soils
ASTM D698	Laboratory Compaction Characteristics of Soil Using Standard Effort
ASTM D854	Specific Gravity of Soil Solids by Water Pycnometer
ASTM D1140	Determining the Amount of Material Finer than 75-µm (No. 200) Sieve in Soils by Washing
ASTM D1557	Laboratory Compaction Characteristics of Soil Using Modified Effort
ASTM D1883	CBR (California Bearing Ratio) of Laboratory-Compacted Soils
ASTM D2166	Unconfined Compressive Strength of Cohesive Soil
ASTM D2216	Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass
ASTM D2419	Sand Equivalent Value of Soils and Fine Aggregate
ASTM D2435	One-Dimensional Consolidation Properties of Soils Using Incremental Loading
ASTM D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)
ASTM D2488[2]	Description and Identification of Soils (Visual-Manual Procedure)
ASTM D2850	Unconsolidated-Undrained Triaxial Compression Test on Cohesive Soils
ASTM D4221	Dispersive Characteristics of Clay Soils by Double Hydrometer
ASTM D4318	Liquid Limit, Plastic Limit, and Plasticity Index of Soils
ASTM D4546	One-Dimensional Swell or Collapse of Cohesive Soils
ASTM D4647/D4647M	Identification and Classification of Dispersive Clay Soils by the Pinhole Test
ASTM D4718	Unit Weight and Water Content for Soils Containing Oversize Particles
ASTM D4767	Consolidated Undrained Triaxial Compression Test for Cohesive Soils
ASTM D6572	Determining Dispersive Characteristics of Clay Soils by the Crumb Method
ASTM D6913/6913M	Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis

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Test Method:	**Test Description:**
ASTM D7928	Standard Test Method for Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis
Soil-Cement:	
ASTM D558	Moisture-Density (Unit Weight) Relations of Soil-Cement Mixtures
ASTM D1633 (Withdrawn 2016)[1]	Compressive Strength of Molded Soil-Cement Cylinders

[1] This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.

[2] This laboratory performs field testing activities for these tests.

Accredited Laboratory

A2LA has accredited

ATSER LP

Houston, TX

for technical competence in the field of

Geotechnical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated April 2017*).

Presented this 14th day of June 2023.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0456.02
Valid to March 31, 2025

For the tests to which this accreditation applies, please refer to the laboratory's Geotechnical Scope of Accreditation.