SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EARTH ENGINEERING INC.
4877 Langfield Road
Houston, TX 77040-6638
Moe A. Shihadeh, P.E. Phone: 713 681 5311

Valid To: August 31, 2026 Certificate Number: 1501.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory for:

CONSTRUCTION MATERIALS ENGINEERING

ASTM: C1077 (Agencies Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Testing Agency Evaluation)(Concrete Only);
D3740 (Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction);
E329 (Agencies Engaged in Construction Inspection and/or Testing) (Concrete and Soils Only)

CONSTRUCTION MATERIALS TESTING

| **Test Method:** | **Test Description:** |
|---|---|
| **Cement:** | |
| ASTM C780[1] (Annex 6 Only) | Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry |
| **Concrete:** | |
| ASTM C31/C31M[1] | Making and Curing Concrete Test Specimens in the Field |
| ASTM C39/C39M | Compressive Strength of Cylindrical Concrete Specimens |
| ASTM C138/C138M[1] | Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete |
| ASTM C143/C143M[1] | Slump of Hydraulic-Cement Concrete |
| ASTM C172/C172M[1] | Sampling Freshly Mixed Concrete |
| ASTM C173[1] | Air Content of Freshly Mixed Concrete by the Volumetric Method |
| ASTM C231/C231M[1] | Air Content of Freshly Mixed Concrete by the Pressure Method |
| ASTM C1064/C1064M[1] | Temperature of Freshly Mixed Hydraulic-Cement Concrete |
| ASTM C1231/C1231M | Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders |
| **Masonry:** | |
| ASTM C780[1] (Annex 6 Only) | Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry |
| ASTM C1019[1] | Sampling and Testing Grout |
| **Soils:** | |
| ASTM D558 | Moisture-Density (Unit Weight) Relations of Soil-Cement Mixtures |
| ASTM D698 | Laboratory Compaction Characteristics of Soil Using Standard Effort |
| ASTM D854 | Specific Gravity of Soil Solids by Water Pycnometer |
| ASTM D1140 | Amount of Material in Soils Finer than No. 200 (75-µm) Sieve |

| **Test Method:** | **Test Description:** |
|---|---|
| **Soils (Continued):** | |
| ASTM D1557 | Laboratory Compaction Characteristics of Soil Using Modified Effort |
| ASTM D1633 | Compressive Strength of Molded Soil-Cement Cylinders |
| ASTM D2216 | Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass |
| ASTM D2487 | Classification of Soils for Engineering Purposes (Unified Soil Classification System) |
| ASTM D2488[1] | Description and Identification of Soils (Visual-Manual Procedure) |
| ASTM D3282 | Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes |
| ASTM D4318 | Liquid Limit, Plastic Limit, and Plasticity Index of Soils |
| ASTM D4718 | Unit Weight and Water Content for Soils Containing Oversize Particles |
| ASTM D6913/6913M | Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis |
| ASTM D6938[1] | In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth) |
| ASTM D7928 | Standard Test Method for Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis |

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

# Accredited Laboratory

A2LA has accredited

## EARTH ENGINEERING INC.

*Houston, TX*

for technical competence in the field of

## Construction Materials 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 25th day of November 2024.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1501.01
Valid to August 31, 2026
Revised May 20, 2026

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