To apply for A2LA accreditation under the geotechnical field of testing, each applicant is required to identify the test type/test technology and associated test method(s) for which accreditation is sought on Table A below. In addition, please identify the types of products, materials, and/or structures that your laboratory tests on Table B below. This will ensure that an assessor’s technical expertise is correctly matched to the testing that your laboratory performs and enables A2LA staff to generate the desired draft Scope of Accreditation.

Refer to the example proposed scope of accreditation (0000.01) on the next page for reference when entering the required information in tables A and B. Submission via electronic means is preferred.

Table-A (Example)

|  |  |
| --- | --- |
| Test Method: | Test Type/Technology: |
| ASTM D420 | Guide to Site Characterization for Engineering, Design and Construction Purposes |
| ASTM D854\* | Specific Gravity of Soils |
| ASTM D4718 | Correction of Unit Weight and Water Content for Soils Containing Oversize Particles |
| ASTM D4767 | Consolidated-Undrained Triaxial Compression Test on Cohesive Soils |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| \* This laboratory performs field testing activities for these tests . | |
| Please attach sheet(s) for additional tests | |

## Table-B (Example)

Types of products, materials, and/or structures that the laboratory tests:

|  |
| --- |
| …under the ASTM recommended practice D3740 |
|  |
|  |
|  |

# *PROPOSED SCOPE OF ACCREDITATION*

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EXAMPLE DRAFT SCOPE LABORATORY

12345 Main Street

**List the associated standard test method(s) and the test type/technology that the laboratory is seeking accreditation for.**

*Identify the product(s) and/or materials on which you perform testing.*

Frederick, MD 21704

John Doe Phone: 555 555 5555

GEOTECHNICAL

Valid To: August 5, 2010 Certificate Number: 0000.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following test under the ASTM recommended practice D3740:

Test Method: Test Type/Technology:

ASTM D421 Dry Preparation of Soil Sample

ASTM D516 Sulfate Ion in Water

ASTM D698 Laboratory Compaction Characteristics of Soil Using Standard Effort

ASTM D1140 Amount of Material in Soils Finer than No. 200 Sieve

ASTM D1556\* Density of Soil in Place by the Sand-Cone Method

ASTM D1557 Laboratory Compaction Characteristics of Soil Using Modified Effort

ASTM D2216 Water Content of Soil, Rock and Soil-Aggregate Mixtures

ASTM D2217 Wet Preparation of Soil Samples

ASTM D2487 Classification of Soils for Engineering Purposes

ASTM D2922-05\* Density of Soil and Soil-Aggregate in Place by Nuclear Methods (Shallow Depth)

ASTM D3017-05\* Moisture Content of Soil and Soil-Aggregate in Place by Nuclear Methods

(Shallow Depth)

ASTM D3550\* Thick Wall, Ring-Lined, Split Barrel, Drive Sampling of Soils

ASTM D4318 Liquid Limit, Plastic Limits and Plasticity Index of Soils

ASTM D4643 Determination of Water (Moisture) Content of Soil by the Microwave Oven Method

ASTM D4959 Determination of Water (Moisture) Content of Soil by the Direct Heating Method

ASTM D4972 pH of Soils

ASTM D6276 pH for Soil - Lime Stabilization

ASTM D6938\* Density of Soil and Soil-Aggregate in Place by Nuclear Method

\* This laboratory performs field testing activities for these tests .

DOCUMENT REVISION HISTORY

|  |  |
| --- | --- |
| Date | Revision |
| 11/23/2022 | * Removed reference to R104 document and updated to correct field testing footnote. |