



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

A&R ENGINEERING AND TESTING, INC.  
 323 Martin Street  
 Houston, TX 77018  
 Mark E. Howard Phone: 713 290 1912

GEOTECHNICAL

Valid To: July 31, 2019

Certificate Number: 2021.02

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:

<b>Test Method</b>	<b>Test</b>
ASTM D421	Dry Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constant
ASTM D422	Particle Size Analysis of Soils
ASTM D558	Moisture-Density (Unit Weight) Relations of Soil-Cement Mixtures
ASTM D698	Moisture-Density Relations (Standard Proctor)
ASTM D854	Specific Gravity of Soils
ASTM D1140	Amount of Material in Soils Finer than No. 200 Sieve
ASTM D1557	Moisture-Density Relations (Modified Proctor)
ASTM D1883	CBR (California Bearing Ratio) of Laboratory-Compacted Soils
ASTM D2166	Unconfined Compressive Strength of Cohesive Soil
ASTM D2216	Water Content of Soil, Rock & Soil-Aggregate Mixtures
ASTM D2435	One-dimensional Consolidation Properties of Soils
ASTM D2487	Classification of Soils for Engineering Purposes
ASTM D2850	Undrained, Unconsolidated Strength in Triaxial Compression
ASTM D4318	Liquid Limit, Plastic Limits & Plasticity Index of Soils
ASTM D4546	One-Dimensional-Swell or Settlement Properties of Cohesive Soils

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## *Accredited Laboratory*

A2LA has accredited

### **A&R ENGINEERING AND TESTING, INC.**

*Houston, TX*

for technical competence in the field of

### **Geotechnical Testing**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *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 8 January 2009).



Presented this 5<sup>th</sup> day of July 2017.

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President and CEO  
For the Accreditation Council  
Certificate Number 2021.02  
Valid to March 31, 2019

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