



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

COASTAL TESTING LABORATORIES, INC  
307 East Pasadena Freeway  
Pasadena, TX 77506  
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GEOTECHNICAL

Valid To: March 31, 2019

Certificate Number: 0036.02

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:

<u>Test Method:</u>	<u>Test Description:</u>
<b>Soils:</b>	
ASTM D420	Site Characterization for Engineering Design and Construction Purposes
ASTM D421	Dry Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants
ASTM D422	Particle-Size Analysis of Soils
ASTM D558	Moisture-Density (Unit Weight) Relations of Soil-Cement Mixtures
ASTM D559	Wetting and Drying Compacted 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- $\mu$ m) Sieve
ASTM D1452 <sup>1</sup>	Soil Exploration and Sampling by Auger Borings
ASTM D1556 <sup>1</sup>	Density and Unit Weight of Soil in Place by Sand-Cone Method
ASTM D1557	Laboratory Compaction Characteristics of Soil Using Modified Effort
ASTM D1587 <sup>1</sup>	Thin-Walled Tube Sampling of Soils for Geotechnical Purposes
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ASTM D2217-85(1998) (Withdrawn 2007) <sup>2</sup>	Wet Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants
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 <sup>1</sup>	Description and Identification of Soils (Visual-Manual Procedure)

<b><u>Test Method:</u></b>	<b><u>Test Description:</u></b>
ASTM D2850	Unconsolidated-Undrained Triaxial Compression Test on Cohesive Soils
ASTM D3282	Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes
ASTM D4219	Unconfined Compressive Strength Index of Chemical- Grouted Soils
ASTM D4221	Dispersive Characteristics of Clay Soil 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 D4718	Unit Weight and Water Content for Soils Containing Oversize Particles
ASTM D6938 <sup>1</sup>	In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)

<sup>1</sup> This laboratory meets A2LA R104 – *General Requirements: Accreditation of Field Testing Laboratories* for these tests.

<sup>2</sup> 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.



## *Accredited Laboratory*

A2LA has accredited

**COASTAL TESTING LABORATORIES, INC.**

*Pasadena, 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 3<sup>rd</sup> day of April 2017.

A handwritten signature in black ink, written over a horizontal line.

President and CEO  
For the Accreditation Council  
Certificate Number 0036.02  
Valid to March 31, 2019

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