



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CMT TECHNICAL SERVICES
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Houston, TX 77099
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Valid To: December 31, 2025

Certificate Number: 0690.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory at the location listed above as well as the satellite location listed below:

CONSTRUCTION MATERIALS ENGINEERING

ASTM: C1077 (Standard Practice for Agencies Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Testing Agency Evaluation);
D3666 (Standard Specification for Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials);
D3740 (Standard Practice for Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction);
E329 (Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection)

CONSTRUCTION MATERIALS TESTING

<u>Test Method:</u>	<u>Test Description:</u>
<u>Aggregates:</u>	
ASTM C29/C29M	Bulk Density (“Unit Weight”) and Voids in Aggregate
ASTM C40/C40M	Organic Impurities in Fine Aggregates for Concrete
ASTM C117	Materials Finer than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing
ASTM C127	Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate
ASTM C128	Density, Relative Density (Specific Gravity), and Absorption of Fine Aggregate
ASTM C136/C136M	Sieve Analysis of Fine and Coarse Aggregates
ASTM C702/C702M	Reducing Samples of Aggregate to Testing Size
ASTM D75/D75M ¹	Sampling Aggregates
Tex-200-F	Sieve Analysis of Fine and Coarse Aggregates
Tex-201-F	Bulk Specific Gravity and Water Absorption of Aggregate
<u>Coatings:</u>	
ASTM D4417 ¹	Field Measurement of Surface Profile of Blast Cleaned Steel
ASTM D4541 ¹	Pull Off Strength of Coatings Using Portable Adhesion Testers
ASTM D7234 ¹	Pull Off Adhesion Strength of Coatings on Concrete Using Portable Pull Off Adhesion Testers
ASTM D7522/D7522M ¹	Pull-Off Strength for FRP Bonded to Concrete Substrate
SSPC-PA 2 ¹	Determination of Dry Coating Thickness
<u>Concrete:</u>	

<u>Test Method:</u>	<u>Test Description:</u>
ASTM C31/C31M ¹	Making and Curing Concrete Test Specimens in the Field
ASTM C39/C39M	Compressive Strength of Cylindrical Concrete Specimens
ASTM C42/C42M	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete
ASTM C78/C78M ¹	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)
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/C173M ¹	Air Content of Freshly Mixed Concrete by the Volumetric Method
ASTM C174/C174M	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores
ASTM C192/C192M	Making and Curing Concrete Test Specimens in the Laboratory
ASTM C231/C231M ¹	Air Content of Freshly Mixed Concrete by the Pressure Method
ASTM C617/C617M	Capping Cylindrical Concrete Specimens
ASTM C1064/C1064M ¹	Temperature of Freshly Mixed Hydraulic-Cement Concrete
ASTM C1140/C1140M	Preparing and Testing Specimens from Shotcrete Test Panels
ASTM C1231/C1231M	Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders
<u>Masonry:</u>	
ASTM C780, Annex 6	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry
ASTM C1019 ¹	Sampling and Testing Grout
<u>Soils:</u>	
ASTM D558/D558M	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- μ m) Sieve
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 D4318/D4318M	Liquid Limit, Plastic Limit, and Plasticity Index of Soils
ASTM D4380 ¹	Density of Bentonitic Slurries
ASTM D6276	Using pH to Estimate the Soil Lime Proportion Requirement for Soil Stabilization
ASTM D6913/D6913M	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	Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis

<u>Test Method:</u>	<u>Test Description:</u>
<u>Steel (Shop & Field) ¹:</u>	
AWS D1.1	Structural Welding Code – Steel (Clause 6, Inspection)
AWS D1.3	Structural Welding Code – Sheet Steel (Clause 6, Inspection)
AISC	Specification for Structural Steel Buildings (Chapter N, QA/QC Fabrication and Erection)
RCSC	Specification of Structural Joints Using High Strength Bolts (Section 9, Inspection)
<u>Nondestructive (Laboratory & Field) ¹:</u>	
ASTM E164	Standard Practice for Contact Ultrasonic Testing of Weldments
ASTM E213	Ultrasonic Testing of Metal Pipe and Tubing
ASTM E273	Ultrasonic Testing of the Weld Zone of Welded Pipe and Tubing
ASTM E797/E797M	Measuring Thickness by Manual Ultrasonic Pulse-Echo Contact Method

SATELLITE
CMT Technical Services
4014-B Bluebonnet
Stafford, TX 77477

<u>Test Method:</u>	<u>Test Description:</u>
<u>Bituminous:</u>	
ASTM D979/D979M ¹	Sampling Bituminous Paving Mixtures
ASTM D2950/D2950M ¹	Density of Bituminous Concrete in Place by Nuclear Methods
ASTM D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures
ASTM D3549/D3549M	Thickness or Height of Compacted Bituminous Paving Mixture Specimens
ASTM D3665 ¹	Random Sampling of Construction Materials
Tex-205-F	Laboratory Method of Mixing Bituminous Mixtures
Tex-206-F (Part 1)	Compacting Specimens Using the Texas Gyrotory Compactor (TGC)
Tex-207-F	Determining Density of Compacted Bituminous Mixtures
Tex-212-F	Determining Moisture Content of Bituminous Mixtures
Tex-222-F ¹	Sampling Bituminous Mixtures
Tex-227-F	Theoretical Maximum Specific Gravity of Bituminous Mixtures
Tex-236F	Determining Asphalt Content from Asphalt Paving Mixtures by the Ignition Method

¹ This laboratory performs field testing activities for these tests.





Accredited Laboratory

A2LA has accredited

CMT TECHNICAL SERVICES

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 15th day of February 2024.

A blue ink signature of Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0690.01
Valid to December 31, 2025

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