



# CERTIFICATE OF ACCREDITATION



## Terradyne Engineering, Inc.

in

### Round Rock, Texas, USA

has demonstrated proficiency for the testing of construction materials and has conformed to the requirements established in AASHTO R 18 and the AASHTO Accreditation policies established by the AASHTO Committee on Materials and Pavements.

The scope of accreditation can be viewed on the Directory of AASHTO Accredited Laboratories ([aashtoresource.org](https://www.aashtoresource.org)).

A handwritten signature in black ink, appearing to read 'Jim Tymon', written over a horizontal line.

Jim Tymon,  
AASHTO Executive Director

A handwritten signature in black ink, appearing to read 'Moe Jamshidi', written over a horizontal line.

Moe Jamshidi,  
AASHTO COMP Chair

This certificate was generated on 05/16/2024 at 10:09 AM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](https://www.aashtoresource.org/aap/accreditation-directory)



# SCOPE OF AASHTO ACCREDITATION FOR:

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## Quality Management System

### Standard:

### Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	04/13/2015
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	04/09/2020
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	08/19/2021
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/09/2020
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/19/2021



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## Soil

### Standard:

### Accredited Since:

D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	06/27/2023
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	04/13/2015
D1140 Amount of Material in Soils Finer than the No. 200 (75- $\mu$ m) Sieve	04/13/2015
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/13/2015
D2216 Laboratory Determination of Moisture Content of Soils	04/13/2015
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	04/13/2015
D2488 Description and Identification of Soils (Visual-Manual Procedure)	04/13/2015
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	05/18/2015
D4318 Plastic Limit of Soils (Atterberg Limits)	05/18/2015
D4643 Determination of Water (Moisture) Content of Soil by Microwave Oven Heating	06/27/2023
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	04/13/2015



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## Aggregate

**Standard:**

C136 Sieve Analysis of Fine and Coarse Aggregates

**Accredited Since:**

06/27/2023



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## Concrete

### Standard:

### Accredited Since:

C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	03/24/2020
C39	Compressive Strength of Cylindrical Concrete Specimens	03/24/2020
C138	Density (Unit Weight), Yield, and Air Content of Concrete	03/24/2020
C143	Slump of Hydraulic Cement Concrete	03/24/2020
C172	Sampling Freshly Mixed Concrete	03/24/2020
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	03/24/2020
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	03/24/2020
C1064	Temperature of Freshly Mixed Portland Cement Concrete	04/09/2020
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	03/24/2020