



CERTIFICATE OF ACCREDITATION



Terradyne Engineering, Inc.

in

Carrollton, 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 10:00 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	03/06/2012
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	05/10/2023
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/10/2023



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Soil

Standard:

Accredited Since:

D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	10/27/2016
D1140 Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	10/27/2016
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	10/27/2016
D2216 Laboratory Determination of Moisture Content of Soils	10/27/2016
D2488 Description and Identification of Soils (Visual-Manual Procedure)	10/27/2016
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	10/27/2016
D4318 Plastic Limit of Soils (Atterberg Limits)	10/27/2016
D4643 Determination of Water (Moisture) Content of Soil by Microwave Oven Heating	02/05/2019
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	10/27/2016



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Aggregate

Standard:

Accredited Since:

C117 Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	Suspended
C566 Total Moisture Content of Aggregate by Drying	02/05/2019
C702 Reducing Samples of Aggregate to Testing Size	02/05/2019
D75 Sampling Aggregate	02/05/2019



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Concrete

Standard:		Accredited Since:
C31	Making and Curing Concrete Test Specimens in the Field	06/05/2018
C39	Compressive Strength of Cylindrical Concrete Specimens	06/05/2018
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	06/05/2018
C138	Density (Unit Weight), Yield, and Air Content of Concrete	06/05/2018
C143	Slump of Hydraulic Cement Concrete	06/05/2018
C172	Sampling Freshly Mixed Concrete	06/05/2013
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	06/05/2018
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/05/2018
C1064	Temperature of Freshly Mixed Portland Cement Concrete	06/05/2018
C1231 (6000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	01/11/2021