AASHTO ACCREDITED

Certificate of Accreditation

American Association of State Highway and Transportation Officials

AASHTO

Terradyne Engineering, Inc.

in

Aurora, Colorado, 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).

Jim Tymon,
AASHTO Executive Director

Moe Jamshidi,
AASHTO COMP Chair

This certificate was generated on 05/16/2024 at 10:25 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Terradyne Engineering, Inc.

in Aurora, Colorado, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	03/21/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	03/23/2018
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	02/05/2019
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	07/19/2012
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/28/2021

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Soil

Standard:	Accredited Since:
D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	02/05/2019
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	10/10/2017
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	03/21/2011
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	10/10/2017
D2166 Unconfined Compressive Strength of Cohesive Soil	10/10/2017
D2216 Laboratory Determination of Moisture Content of Soils	03/21/2011
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	03/21/2011
D2488 Description and Identification of Soils (Visual-Manual Procedure)	03/21/2011
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	03/21/2011
D4318 Plastic Limit of Soils (Atterberg Limits)	09/29/2014
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	03/21/2011

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Aggregate

Standard:	Accredited Since:
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	**Suspended**
C136 Sieve Analysis of Fine and Coarse Aggregates	10/10/2017
C566 Total Moisture Content of Aggregate by Drying	05/11/2017
C702 Reducing Samples of Aggregate to Testing Size	05/11/2017
D75 Sampling Aggregate	02/05/2019

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Concrete

Standard:		Accredited Since:
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	09/30/2015
C39	Compressive Strength of Cylindrical Concrete Specimens	09/30/2015
C138	Density (Unit Weight), Yield, and Air Content of Concrete	09/30/2015
C143	Slump of Hydraulic Cement Concrete	09/30/2015
C172	Sampling Freshly Mixed Concrete	09/30/2015
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	09/30/2015
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	09/30/2015
C1064	Temperature of Freshly Mixed Portland Cement Concrete	09/30/2015
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	09/30/2015