Certificate of Accreditation

Youngdahl Consulting Group, Inc.

in

El Dorado Hills, California, 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

Matt Linneman,
AASHTO COMP Chair

This certificate was generated on 11/08/2026 at 10:59 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Youngdahl Consulting Group, Inc.

in El Dorado Hills, California, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	12/01/1997
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	10/23/2020
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	06/12/2018
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	02/10/2016
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	10/01/2025
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/23/2020
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	06/12/2018
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/16/2021
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/01/2025
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/24/2025

This certificate was generated on 11/08/2026 at 10:59 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Youngdahl Consulting Group, Inc.

in El Dorado Hills, California, USA

Asphalt Mixture

Standard:		Accredited Since:
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	09/01/2020
T275 (Cores)	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens (Cores)	09/01/2020
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	04/06/2018

This certificate was generated on 11/08/2026 at 10:59 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Youngdahl Consulting Group, Inc.

in El Dorado Hills, California, USA

Soil

Standard:	Accredited Since:
T180 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	09/01/2020
T265 Laboratory Determination of Moisture Content of Soils	09/01/2020
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	11/15/2000
D854 Specific Gravity of Soils	11/15/2000
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	11/15/2000
D1556 Density of Soil In-Place by the Sand Cone Method	11/15/2000
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	11/15/2000
D2166 Unconfined Compressive Strength of Cohesive Soil	11/15/2000
D2216 Laboratory Determination of Moisture Content of Soils	11/15/2000
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	05/08/2015
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	11/15/2000
D2488 Description and Identification of Soils (Visual-Manual Procedure)	11/15/2000
D2844 Resistance R-Value and Expansion Pressure of Compacted Soils	11/15/2000
D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	09/01/2020
D3080 Direct Shear Test of Soils Under Consolidated Drained Conditions	11/15/2000
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	11/15/2000
D4318 Plastic Limit of Soils (Atterberg Limits)	11/15/2000
D4546 One-Dimensional Swell or Settlement Potential of Cohesive Soils	03/03/2015
D4643 Determination of Water (Moisture) Content of Soil by Microwave Oven Heating	11/14/2012
D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	03/16/2023
D4829 Expansion Index of Soils	11/14/2012
D5084 Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	11/15/2000
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	07/26/2016

This certificate was generated on 11/08/2026 at 10:59 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Youngdahl Consulting Group, Inc.

in El Dorado Hills, California, USA

Soil (Continued)

Standard:	Accredited Since:
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	11/15/2000
D7263 Density and Unit Weight of Soil	03/16/2023
D7928 Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	04/06/2018

This certificate was generated on 11/08/2026 at 10:59 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Youngdahl Consulting Group, Inc.

in El Dorado Hills, California, USA

Aggregate

Standard:		Accredited Since:
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	12/01/1997
C40	Organic Impurities in Fine Aggregates for Concrete	12/01/1997
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	12/01/1997
C127	Specific Gravity and Absorption of Coarse Aggregate	12/01/1997
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	12/01/1997
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	12/01/1997
C136	Sieve Analysis of Fine and Coarse Aggregates	12/01/1997
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	11/14/2012
C566	Total Moisture Content of Aggregate by Drying	12/01/1997
C702	Reducing Samples of Aggregate to Testing Size	12/01/1997
D75	Sampling Aggregate	11/14/2012
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	12/01/1997
D3744	Aggregate Durability Index	12/01/1997

This certificate was generated on 11/08/2026 at 10:59 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Youngdahl Consulting Group, Inc.

in El Dorado Hills, California, USA

Sprayed Fire-Resistive Material

Standard:	Accredited Since:
E605 Thickness and Density of Sprayed Fire-Resistive Material(SFRM) Applied to Structural Members	11/14/2012
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	11/14/2012

This certificate was generated on 11/08/2026 at 10:59 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Youngdahl Consulting Group, Inc.

in El Dorado Hills, California, USA

Concrete

Standard:		Accredited Since:
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	12/01/1997
C39	Compressive Strength of Cylindrical Concrete Specimens	12/01/1997
C42 (Drilling Cores of Concrete)	Drilling Cores of Concrete	02/10/2016
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	02/10/2016
C138	Density (Unit Weight), Yield, and Air Content of Concrete	12/01/1997
C143	Slump of Hydraulic Cement Concrete	12/01/1997
C172	Sampling Freshly Mixed Concrete	12/01/1997
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	12/01/1997
C192	Making and Curing Concrete Test Specimens in the Laboratory	02/10/2016
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	12/01/1997
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	09/09/2013
C617 (5000 psi and below)	Capping Cylindrical Concrete Specimens	11/26/2024
C1064	Temperature of Freshly Mixed Portland Cement Concrete	12/01/1997
C1140 (Obtaining and Testing Specimens)	Preparing and Testing Specimens from Shotcrete Test Panels	06/12/2018
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	12/01/1997
C1542	Measuring Length of Concrete Cores	02/10/2016
C1604	Standard Test Method for Obtaining and Testing Drilled Cores of Shotcrete	02/10/2016

This certificate was generated on 11/08/2026 at 10:59 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Youngdahl Consulting Group, Inc.

in El Dorado Hills, California, USA

Controlled Low Strength Material (CLSM)

Standard:	Accredited Since:
D4832 Preparation and Testing of Controlled Low Strength Material (CLSM) Test Cylinders	07/16/2021
D5971 Sampling Freshly Mixed Controlled Low-Strength Material (CLSM)	07/16/2021

This certificate was generated on 11/08/2026 at 10:59 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Youngdahl Consulting Group, Inc.

in El Dorado Hills, California, USA

Masonry

Standard:		Accredited Since:
C140 (Concrete Masonry Units)	Sampling and Testing Concrete Masonry Units and Related Units	02/10/2016
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	02/10/2016
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	07/16/2021
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	11/26/2024
C780 (Annex 6 - Cylinders)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cylinders	07/16/2021
C1019	Sampling and Testing Grout	02/10/2016
C1314	Compressive Strength of Masonry Prisms	02/10/2016
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	02/10/2016

This certificate was generated on 11/08/2026 at 10:59 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory