



CERTIFICATE OF ACCREDITATION



HDR Engineering, Inc.

in

Paducah, Kentucky, 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).

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

Jim Tymon,
AASHTO Executive Director

A handwritten signature in black ink, appearing to read 'Matt Linneman', is written over a horizontal line.

Matt Linneman,
AASHTO COMP Chair

This certificate was generated on 10/27/2026 at 1:10 AM Eastern Time. Please confirm the current accreditation status of this laboratory at 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	10/01/1995
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/29/2021
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	01/10/2011
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/29/2021
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	10/01/1995
T88	Particle Size Analysis of Soils by Hydrometer	10/01/1995
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	10/01/1995
T90	Plastic Limit of Soils (Atterberg Limits)	10/01/1995
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	10/01/1995
T100	Specific Gravity of Soils	10/01/1995
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	10/01/1995
T191	Density of Soil In-Place by the Sand Cone Method	10/05/2018
T193	The California Bearing Ratio	10/01/1995
T208	Unconfined Compressive Strength of Cohesive Soil	10/01/1995
T216	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	10/01/1995
T236	Direct Shear Test of Soils Under Consolidated Drained Conditions	12/05/2013
T265	Laboratory Determination of Moisture Content of Soils	10/01/1995
T267	Determination of Organic Content in Soils by Loss on Ignition	12/05/2013
T296	Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	10/01/1995
T297	Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	10/01/1995
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	10/01/1995
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	10/01/1995
D422	Particle Size Analysis of Soils by Hydrometer	10/01/1995
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	10/01/1995
D854	Specific Gravity of Soils	10/01/1995
D1140	Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	10/01/1995
D1556	Density of Soil In-Place by the Sand Cone Method	12/05/2013



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Soil (Continued)

Standard:

Accredited Since:

D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	10/01/1995
D1883 The California Bearing Ratio	10/01/1995
D2166 Unconfined Compressive Strength of Cohesive Soil	10/01/1995
D2216 Laboratory Determination of Moisture Content of Soils	10/01/1995
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	10/01/1995
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	10/01/1995
D2488 Description and Identification of Soils (Visual-Manual Procedure)	10/01/1995
D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	10/01/1995
D2974 Determination of Organic Content in Soils by Loss on Ignition	12/05/2013
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	10/01/1995
D4318 Plastic Limit of Soils (Atterberg Limits)	10/01/1995
D4767 Consolidated-Undrained Triaxial Compression Test on Cohesive Soils	10/01/1995
D4943 Shrinkage Factors of Soil by Wax Method	10/05/2018
D5084 Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	12/05/2013
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	10/01/1995
D7263 Density and Unit Weight of Soil	07/21/2026



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Rock

Standard:

Accredited Since:

D4543	Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	10/05/2018
D4644	Slake Durability of Shales and Weak Rocks	12/17/2011
D5731	Point Load Strength Index of Rock	12/13/2016
D7012 (Method C)	Compressive Strength of Rock Core Specimens (Method C)	12/05/2013



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Aggregate

Standard:

Accredited Since:

R76	Reducing Samples of Aggregate to Testing Size	12/05/2013
R90	Sampling Aggregate	12/05/2013
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	10/01/1995
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	03/24/2016
T21	Organic Impurities in Fine Aggregates for Concrete	03/24/2016
T27	Sieve Analysis of Fine and Coarse Aggregates	10/01/1995
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	10/01/1995
T85	Specific Gravity and Absorption of Coarse Aggregate	01/29/2021
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	10/01/1995
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	10/01/1995
T255	Total Moisture Content of Aggregate by Drying	10/01/1995
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	03/24/2016
C40	Organic Impurities in Fine Aggregates for Concrete	03/24/2016
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	10/01/1995
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	10/01/1995
C127	Specific Gravity and Absorption of Coarse Aggregate	01/29/2021
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	10/01/1995
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	10/01/1995
C136	Sieve Analysis of Fine and Coarse Aggregates	10/01/1995
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	10/01/1995
C566	Total Moisture Content of Aggregate by Drying	10/01/1995
C702	Reducing Samples of Aggregate to Testing Size	12/05/2013
D75	Sampling Aggregate	12/05/2013



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Aggregate (Continued)

Standard:

Accredited Since:

D4791 Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate

12/05/2013

D5821 Determining the Percentage of Fractured Particles in Coarse Aggregate

10/05/2018