



CERTIFICATE OF ACCREDITATION



Kleinfelder, Inc.

in

San Diego, 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 10/28/2026 at 3:08 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	02/15/2002
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	06/09/2014
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	05/04/2012
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	02/01/2011
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	04/23/2012
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	04/23/2012
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	04/23/2012
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/23/2012
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/23/2012
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/28/2013
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	11/24/2021
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/23/2012



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Pavement Preservation

Standard:

Accredited Since:

D3910	Measurement of Slurry Seal Consistency (Cone Consistency)	07/26/2017
D3910/D6372	Wet Track Abrasion Of Slurry Surfacing Systems	07/06/2017
TB-100	Wet Track Abrasion Of Slurry Surfacing Systems	12/20/2019
TB-106	Measurement of Slurry Seal Consistency (Cone Consistency)	12/20/2019



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Asphalt Mixture

Standard:

Accredited Since:

T30	Mechanical Analysis of Extracted Aggregate	05/06/2015
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	05/06/2015
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	05/06/2015
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	05/06/2015
T275	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	05/06/2015
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	05/06/2015
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	05/06/2015
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	05/06/2015
T324	Hamburg Wheel-Track Testing of Compacted Hot-Mix Asphalt (HMA)	08/14/2015
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	05/06/2015
T355	Density of Bituminous Concrete In Place by Nuclear Methods	02/22/2023
D1188	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	02/15/2002
D1560 (Stability)	Resistance to Deformation of Bituminous Mixtures by Means of Hveem Apparatus	02/15/2002
D1561	Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor	02/15/2002
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	02/15/2002
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	02/15/2002
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	02/22/2023
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	02/15/2002
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	02/22/2023
D4867	Resistance of Compacted Mixtures to Moisture Induced Damage	05/06/2015
D5444	Mechanical Analysis of Extracted Aggregate	02/15/2002
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	02/15/2002
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	05/06/2015



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Asphalt Mixture (Continued)

Standard:

Accredited Since:

D6931 Indirect Tensile Strength (IDT)

07/06/2017



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Soil

Standard:

Accredited Since:

T190	Resistance R-Value and Expansion Pressure of Compacted Soils	12/20/2019
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	12/20/2019
D422	Particle Size Analysis of Soils by Hydrometer	03/01/2002
D558	Moisture-Density Relations of Soil-Cement Mixtures	05/06/2015
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	03/01/2002
D854	Specific Gravity of Soils	03/01/2002
D1140	Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	03/01/2002
D1556	Density of Soil In-Place by the Sand Cone Method	12/20/2019
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	03/01/2002
D2166	Unconfined Compressive Strength of Cohesive Soil	05/06/2015
D2216	Laboratory Determination of Moisture Content of Soils	03/01/2002
D2435	One-Dimensional Consolidation Properties of Soils Using Incremental Loading	10/29/2013
D2844	Resistance R-Value and Expansion Pressure of Compacted Soils	03/01/2002
D3080	Direct Shear Test of Soils Under Consolidated Drained Conditions	10/29/2013
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	03/01/2002
D4318	Plastic Limit of Soils (Atterberg Limits)	03/01/2002
D4829	Expansion Index of Soils	03/01/2002
D6913	Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	05/06/2015
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	03/01/2002



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Aggregate

Standard:

Accredited Since:

R76	Reducing Samples of Aggregate to Testing Size	12/20/2019
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	05/06/2015
T27	Sieve Analysis of Fine and Coarse Aggregates	05/06/2015
T37	Sieve Analysis of Mineral Filler for Road and Paving Materials	05/06/2015
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/06/2015
T85	Specific Gravity and Absorption of Coarse Aggregate	05/06/2015
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	08/14/2015
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	05/06/2015
T210	Aggregate Durability Index	08/14/2015
T255	Total Moisture Content of Aggregate by Drying	07/06/2017
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	05/06/2015
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	05/06/2015
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	08/14/2015
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	06/21/2004
C127	Specific Gravity and Absorption of Coarse Aggregate	06/21/2004
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	06/21/2004
C136	Sieve Analysis of Fine and Coarse Aggregates	08/19/2014
C566	Total Moisture Content of Aggregate by Drying	07/06/2017
C702	Reducing Samples of Aggregate to Testing Size	12/20/2019
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	05/06/2015
D546	Sieve Analysis of Mineral Filler for Road and Paving Materials	05/06/2015
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	06/21/2004
D3744	Aggregate Durability Index	08/14/2015



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Aggregate (Continued)

Standard:	Accredited Since:
D4791 Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	05/06/2015
D5821 Determining the Percentage of Fractured Particles in Coarse Aggregate	05/06/2015



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Sprayed Fire-Resistive Material

Standard:

Accredited Since:

E605 Thickness and Density of Sprayed Fire-Resistive Material(SFRM) Applied to Structural Members

10/29/2013

E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members

10/29/2013



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Iron and Steel

Standard:

Accredited Since:

A563-E18	Internally Threaded Fasteners (Nuts): Rockwell Hardness	07/06/2017
A563-F606	Internally Threaded Fasteners (Nuts): Proof Load Determination	07/06/2017
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	Suspended
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	Suspended
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	Suspended
A615-E290	Carbon-Steel Bars, Deformed and Plain: Bend Test	05/06/2015
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Elongation)	Suspended
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	Suspended
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Yield Strength)	Suspended
A706-E290	Low Alloy Steel Bars, Deformed and Plain: Bend Test	05/06/2015
F436-E18	Hardened Steel Washers: Rockwell Hardness	07/06/2017
F3125-E18	Externally Threaded Fasteners (Bolts): Rockwell Hardness	05/06/2015
F3125-F606	Externally Threaded Fasteners (Bolts): Proof Load Determination	07/06/2017
F3125-F606	Externally Threaded Fasteners (Bolts): Ultimate Tensile Strength	05/06/2015



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Concrete

Standard:		Accredited Since:
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	06/21/2004
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	06/21/2004
C39	Compressive Strength of Cylindrical Concrete Specimens	06/21/2004
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	06/21/2004
C138	Density (Unit Weight), Yield, and Air Content of Concrete	06/21/2004
C143	Slump of Hydraulic Cement Concrete	06/21/2004
C172	Sampling Freshly Mixed Concrete	06/21/2004
C192	Making and Curing Concrete Test Specimens in the Laboratory	06/21/2004
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	06/21/2004
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/28/2013
C617 (9000 psi and below)	Capping Cylindrical Concrete Specimens	08/02/2021
C1064	Temperature of Freshly Mixed Portland Cement Concrete	06/21/2004
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	10/17/2014
C1609	Flexural Performance of Fiber-Reinforced Concrete (Using Beam With Third-Point Loading)	08/02/2021



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Masonry

Standard:

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C140 (Reduced-Size Concrete Masonry Units)	Sampling and Testing Concrete Masonry Units and Related Units	04/02/2025
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	10/28/2013
C1019	Sampling and Testing Grout	02/01/2011
C1314 (Prisms Constructed of Reduced-Size Concrete Masonry Units)	Compressive Strength of Masonry Prisms	04/02/2025
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	02/01/2011