AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

R M A Group
dba
Certerra RMA Group

in

Rancho Cordova, 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 01/27/2026 at 10:32 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

R M A Group dba Certerra RMA Group

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Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	01/04/2016
ISO/IEC 17025	General Requirements for the Competence of Testing and Calibration Laboratories	02/20/2019
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/04/2016
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	12/22/2021
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	07/30/2025
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/04/2016
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/04/2016
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	01/04/2016
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/04/2016
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/04/2016
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/22/2021
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/30/2025
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/04/2016
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/04/2016

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Asphalt Mixture

Standard:		Accredited Since:
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	01/04/2016
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	01/04/2016
T30	Mechanical Analysis of Extracted Aggregate	01/04/2016
T164	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	01/04/2016
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	01/04/2016
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	01/04/2016
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	01/04/2016
T246	Resistance to Deformation and Cohesion of Bituminous Mixtures by Means of Hveem Apparatus	01/04/2016
T247	Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor	01/04/2016
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	01/04/2016
T275	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	01/04/2016
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	01/04/2016
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	01/04/2016
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	01/04/2016
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	01/04/2016
T355	Density of Bituminous Concrete In Place by Nuclear Methods	07/21/2021
D1560 (Stability)	Resistance to Deformation of Bituminous Mixtures by Means of Hveem Apparatus	01/04/2016
D1561	Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor	01/04/2016
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	01/04/2016
D2172	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	01/04/2016
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	01/04/2016
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	01/04/2016
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	01/04/2016

Scope of AASHTO Accreditation for:

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Asphalt Mixture (Continued)

Standard:		Accredited Since:
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	07/21/2021
D4867	Resistance of Compacted Mixtures to Moisture Induced Damage	01/04/2016
D5444	Mechanical Analysis of Extracted Aggregate	01/04/2016
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	01/04/2016
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	01/04/2016
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	01/04/2016
D6927	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	01/04/2016

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Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/04/2016
T88	Particle Size Analysis of Soils by Hydrometer	01/04/2016
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	01/04/2016
T90	Plastic Limit of Soils (Atterberg Limits)	01/04/2016
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/04/2016
T100	Specific Gravity of Soils	06/16/2015
T134	Moisture-Density Relations of Soil-Cement Mixtures	01/04/2016
T135	Wetting-and-Drying Test of Compacted Soil-Cement Mixtures	02/06/2024
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/04/2016
T190	Resistance R-Value and Expansion Pressure of Compacted Soils	01/04/2016
T191	Density of Soil In-Place by the Sand Cone Method	01/04/2016
T265	Laboratory Determination of Moisture Content of Soils	01/04/2016
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/04/2016
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/04/2016
D422	Particle Size Analysis of Soils by Hydrometer	01/04/2016
D558	Moisture-Density Relations of Soil-Cement Mixtures	01/04/2016
D559	Wetting-and-Drying Test of Compacted Soil-Cement Mixtures	02/06/2024
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/04/2016
D854	Specific Gravity of Soils	06/16/2015
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	01/04/2016
D1556	Density of Soil In-Place by the Sand Cone Method	01/04/2016
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/04/2016
D1633	Compressive Strength of Molded Soil-Cement Cylinders	02/06/2024

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R M A Group dba Certerra RMA Group

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Soil (Continued)

Standard:	Accredited Since:
D2216 Laboratory Determination of Moisture Content of Soils	01/04/2016
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	01/04/2016
D2488 Description and Identification of Soils (Visual-Manual Procedure)	01/04/2016
D2844 Resistance R-Value and Expansion Pressure of Compacted Soils	01/04/2016
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	01/04/2016
D4318 Plastic Limit of Soils (Atterberg Limits)	01/04/2016
D4643 Determination of Water (Moisture) Content of Soil by Microwave Oven Heating	01/04/2016
D4718 Oversize Particle Correction	01/04/2016
D4829 Expansion Index of Soils	01/04/2016
D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	07/21/2021
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/04/2016

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R M A Group dba Certerra RMA Group

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Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	01/04/2016
R90	Sampling Aggregate	01/04/2016
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	01/04/2016
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	01/04/2016
T21	Organic Impurities in Fine Aggregates for Concrete	01/04/2016
T27	Sieve Analysis of Fine and Coarse Aggregates	01/04/2016
T37	Sieve Analysis of Mineral Filler for Road and Paving Materials	01/04/2016
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/04/2016
T85	Specific Gravity and Absorption of Coarse Aggregate	01/04/2016
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	01/04/2016
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	01/04/2016
T112	Clay Lumps and Friable Particles in Aggregate	01/04/2016
T113	Lightweight Pieces in Aggregate	01/04/2016
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	01/04/2016
T210	Aggregate Durability Index	01/04/2016
T255	Total Moisture Content of Aggregate by Drying	01/04/2016
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	01/04/2016
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	01/04/2016
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	01/04/2016
C40	Organic Impurities in Fine Aggregates for Concrete	01/04/2016
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	01/04/2016
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	01/04/2016
C123	Lightweight Pieces in Aggregate	01/04/2016

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R M A Group dba Certerra RMA Group

in Rancho Cordova, California, USA

Aggregate (Continued)

Standard:		Accredited Since:
C127	Specific Gravity and Absorption of Coarse Aggregate	01/04/2016
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/04/2016
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	01/04/2016
C136	Sieve Analysis of Fine and Coarse Aggregates	01/04/2016
C142	Clay Lumps and Friable Particles in Aggregate	01/04/2016
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	01/04/2016
C566	Total Moisture Content of Aggregate by Drying	01/04/2016
C702	Reducing Samples of Aggregate to Testing Size	01/04/2016
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	01/04/2016
D75	Sampling Aggregate	01/04/2016
D546	Sieve Analysis of Mineral Filler for Road and Paving Materials	01/04/2016
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	01/04/2016
D3744	Aggregate Durability Index	01/04/2016
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	01/04/2016
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	01/04/2016

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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	01/04/2016
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	03/20/2017

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Iron and Steel

Standard:		Accredited Since:
M31-T244	Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	01/08/2024
M31-T244	Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	01/08/2024
M31-T244	Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	01/08/2024
M31-T285	Carbon-Steel Bars, Deformed and Plain: Bend Test	01/08/2024
A615	Carbon-Steel Bars, Deformed and Plain: Unit Weight	01/08/2024
A706	Low Alloy Steel Bars, Deformed and Plain: Unit Weight	01/08/2024
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	01/08/2024
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	01/08/2024
A615-A370	Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	01/08/2024
A615-E290	Carbon-Steel Bars, Deformed and Plain: Bend Test	01/08/2024
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Elongation)	01/08/2024
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	01/08/2024
A706-A370	Low Alloy Steel Bars, Deformed and Plain: Tension (Yield Strength)	01/08/2024
A706-E290	Low Alloy Steel Bars, Deformed and Plain: Bend Test	01/08/2024
A970-A370	Headed Steel Bars: Tension (Elongation)	01/31/2019
A970-A370	Headed Steel Bars: Tension (Ultimate Tensile Strength)	01/31/2019
A970-A370	Headed Steel Bars: Tension (Yield Strength)	01/31/2019
A615-A1034	Carbon-Steel Bars, Deformed and Plain: Testing Mechanical Splices	01/31/2019
A706-A1034	Low Alloy Steel Bars, Deformed and Plain: Testing Mechanical Splices	01/31/2019
A615-CT670	Carbon-Steel Bars, Deformed and Plain: Testing Mechanical and Welded Splices	01/31/2019
A706-CT670	Low Alloy Steel Bars, Deformed and Plain: Testing Mechanical and Welded Splices	01/31/2019

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Concrete

Standard:		Accredited Since:
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	12/22/2021
R39	Making and Curing Concrete Test Specimens in the Laboratory	12/22/2021
R60	Sampling Freshly Mixed Concrete	12/22/2021
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	12/22/2021
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	12/22/2021
T22	Compressive Strength of Cylindrical Concrete Specimens	12/22/2021
T24	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	12/22/2021
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	12/22/2021
T119	Slump of Hydraulic Cement Concrete	12/22/2021
T121	Density (Unit Weight), Yield, and Air Content of Concrete	12/22/2021
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	12/22/2021
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	12/22/2021
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	12/22/2021
T231 (7000 psi and below)	Capping Cylindrical Concrete Specimens	12/22/2021
T309	Temperature of Freshly Mixed Portland Cement Concrete	12/22/2021
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	12/22/2021
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	12/22/2021
C39	Compressive Strength of Cylindrical Concrete Specimens	12/22/2021
C42	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	12/22/2021
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	12/22/2021
C138	Density (Unit Weight), Yield, and Air Content of Concrete	12/22/2021
C143	Slump of Hydraulic Cement Concrete	12/22/2021
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	12/22/2021

Scope of AASHTO Accreditation for:

R M A Group dba Certerra RMA Group

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Concrete (Continued)

Standard:		Accredited Since:
C172	Sampling Freshly Mixed Concrete	12/22/2021
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	12/22/2021
C192	Making and Curing Concrete Test Specimens in the Laboratory	12/22/2021
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	12/22/2021
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	12/22/2021
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	12/22/2021
C642	Density, Absorption, and Voids in Hardened Concrete	02/11/2025
C1064	Temperature of Freshly Mixed Portland Cement Concrete	12/22/2021
C1140 (Obtaining and Testing Specimens)	Preparing and Testing Specimens from Shotcrete Test Panels	12/22/2021
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	12/22/2021
C1542	Measuring Length of Concrete Cores	12/22/2021
C1604	Standard Test Method for Obtaining and Testing Drilled Cores of Shotcrete	12/22/2021

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Masonry

Standard:		Accredited Since:
C140 (Concrete Masonry Units)	Sampling and Testing Concrete Masonry Units and Related Units	12/22/2021
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	12/22/2021
C780 (Annex 1)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	12/22/2021
C780 (Annex 6 - Cubes)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	12/22/2021
C780 (Annex 6 - Cylinders)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cylinders	12/22/2021
C1019	Sampling and Testing Grout	12/22/2021
C1314	Compressive Strength of Masonry Prisms	12/22/2021
C1552	Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	12/22/2021

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Ultra-High Performance Concrete (UHPC)

Standard:		Accredited Since:
C1856-C39	Compressive Strength of Cylindrical Ultra-High Performance Concrete Specimens	12/22/2021
C1856-C511	Curing Specimens of Ultra-High Performance Concrete	01/09/2025