



CERTIFICATE OF ACCREDITATION



MTGL, 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).

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

Jim Tymon,
AASHTO Executive Director

A handwritten signature in black ink, appearing to read 'Moe Jamshidi', written over a horizontal line.

Moe Jamshidi,
AASHTO COMP Chair

This certificate was generated on 08/06/2020 at 9:23 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:
 MTGL, Inc.
 in San Diego, California, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	03/19/2004
ISO/IEC 17025	General Requirements for the Competence of Testing and Calibration Laboratories	01/23/2014
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	07/05/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	12/13/2013
C1093 (Masonry)	Accreditation of Testing Agencies for Unit Masonry	01/10/2011
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
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	01/10/2011
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/13/2013
E329 (Masonry)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	10/24/2018
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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Pavement Preservation

Standard:

D3910/D6372 Wet Track Abrasion Of Slurry Surfacing Systems

Accredited Since:

02/21/2020



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Asphalt Mixture

Standard:

Accredited Since:

R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	09/22/2005
T30	Mechanical Analysis of Extracted Aggregate	09/18/2015
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	09/18/2015
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	09/18/2015
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	09/18/2015
T275	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	12/28/2015
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	12/28/2015
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	12/11/2015
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyrotory Compactor	12/28/2015
T324	Hamburg Wheel-Track Testing of Compacted Hot-Mix Asphalt (HMA)	12/28/2015
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	12/28/2015
D1188	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	09/22/2005
D1560 (Stability)	Resistance to Deformation of Bituminous Mixtures by Means of Hveem Apparatus	09/22/2005
D1561	Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor	09/22/2005
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	09/22/2005
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	09/22/2005
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	09/22/2005
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	02/21/2020
D4867	Resistance of Compacted Mixtures to Moisture Induced Damage	12/28/2015
D5444	Mechanical Analysis of Extracted Aggregate	09/22/2005
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	06/22/2010
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	09/22/2005
D6927	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	09/22/2005



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Soil

Standard:

Accredited Since:

D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	03/19/2004
D422 Particle Size Analysis of Soils by Hydrometer	03/19/2004
D854 Specific Gravity of Soils	05/26/2017
D1140 Amount of Material in Soils Finer than the No. 200 (75- μ m) Sieve	03/19/2004
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	03/19/2004
D2216 Laboratory Determination of Moisture Content of Soils	03/19/2004
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	03/19/2004
D2488 Description and Identification of Soils (Visual-Manual Procedure)	03/19/2004
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	10/31/2012
D4318 Plastic Limit of Soils (Atterberg Limits)	08/03/2015
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	03/19/2004



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Aggregate

Standard:

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T27	Sieve Analysis of Fine and Coarse Aggregates	09/18/2015
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	09/18/2015
T85	Specific Gravity and Absorption of Coarse Aggregate	09/18/2015
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	12/28/2015
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	12/28/2015
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	09/18/2015
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	12/28/2015
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	12/28/2015
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	03/19/2004
C40	Organic Impurities in Fine Aggregates for Concrete	03/19/2004
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	12/28/2015
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	03/19/2004
C127	Specific Gravity and Absorption of Coarse Aggregate	03/19/2004
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	03/19/2004
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	12/28/2015
C136	Sieve Analysis of Fine and Coarse Aggregates	03/19/2004
C566	Total Moisture Content of Aggregate by Drying	03/19/2004
C702	Reducing Samples of Aggregate to Testing Size	03/19/2004
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	12/28/2015
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	03/19/2004
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	12/28/2015
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	12/28/2015



SCOPE OF AASHTO ACCREDITATION FOR:
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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

02/21/2020

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

02/21/2020



SCOPE OF AASHTO ACCREDITATION FOR:
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Iron and Steel

Standard:	Accredited Since:
A970 Headed Steel Bars: Bend Test	08/21/2014
A563-E18 Internally Threaded Fasteners (Nuts): Rockwell Hardness	02/21/2020
A563-F606 Internally Threaded Fasteners (Nuts): Proof Load Determination	02/21/2020
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Elongation)	08/03/2015
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	08/03/2015
A615-A370 Carbon-Steel Bars, Deformed and Plain: Tension (Yield Strength)	08/03/2015
A615-E290 Carbon-Steel Bars, Deformed and Plain: Bend Test	10/20/2008
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Elongation)	02/21/2020
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Ultimate Tensile Strength)	02/21/2020
A706-A370 Low Alloy Steel Bars, Deformed and Plain: Tension (Yield Strength)	02/21/2020
A706-E290 Low Alloy Steel Bars, Deformed and Plain: Bend Test	02/21/2020
A970-A370 Headed Steel Bars: Tension (Elongation)	02/21/2020
A970-A370 Headed Steel Bars: Tension (Ultimate Tensile Strength)	02/21/2020
A970-A370 Headed Steel Bars: Tension (Yield Strength)	02/21/2020
A416-A1061 Steel Strand, Uncoated Seven-Wire: Tension (Elongation)	08/03/2015
A416-A1061 Steel Strand, Uncoated Seven-Wire: Tension (Ultimate Tensile Strength)	08/03/2015
A416-A1061 Steel Strand, Uncoated Seven-Wire: Tension (Yield Strength)	08/03/2015
A615-A1034 Carbon-Steel Bars, Deformed and Plain: Testing Mechanical Splices	08/21/2014
A706-A1034 Low Alloy Steel Bars, Deformed and Plain: Testing Mechanical Splices	08/21/2014
F3125-E18 Externally Threaded Fasteners (Bolts): Rockwell Hardness	02/21/2020
F3125-F606 Externally Threaded Fasteners (Bolts): Proof Load Determination	02/21/2020
F3125-F606 Externally Threaded Fasteners (Bolts): Ultimate Tensile Strength	02/21/2020
A615-CT670 Carbon-Steel Bars, Deformed and Plain: Testing Mechanical and Welded Splices	01/24/2014



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Iron and Steel (Continued)

Standard:

Accredited Since:

A706-CT670 Low Alloy Steel Bars, Deformed and Plain: Testing Mechanical and Welded Splices

02/21/2020



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Concrete

Standard:

Accredited Since:

C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	04/15/2004
C39	Compressive Strength of Cylindrical Concrete Specimens	04/15/2004
C138	Density (Unit Weight), Yield, and Air Content of Concrete	04/15/2004
C143	Slump of Hydraulic Cement Concrete	04/15/2004
C172	Sampling Freshly Mixed Concrete	04/15/2004
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	04/15/2004
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	04/15/2004
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	12/13/2013
C617 (6000 psi and below)	Capping Cylindrical Concrete Specimens	07/25/2018
C1064	Temperature of Freshly Mixed Portland Cement Concrete	04/15/2004
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	05/12/2011



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Masonry

Standard:

Accredited Since:

C140 (Concrete Masonry Units) Sampling and Testing Concrete Masonry Units and Related Units	04/20/2006
C1552 Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	04/20/2006