



CERTIFICATE OF ACCREDITATION



A. Teichert & Son, Inc.

in

Sacramento, 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

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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	02/01/1997
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	02/11/2015
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	04/03/2015
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	02/26/2014
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	02/21/2013



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Asphalt Mixture

Standard:

Accredited Since:

R30	Mixture Conditioning of Hot Mix Asphalt (HMA)	07/21/2016
R35	Superpave Volumetric Design for Hot Mix Asphalt (HMA)	07/21/2016
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	05/28/2014
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	02/21/2013
R97	Sampling Bituminous Paving Mixtures	11/15/2022
T30	Mechanical Analysis of Extracted Aggregate	02/21/2013
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	02/21/2013
T167	Compressive Strength of Hot Mix Asphalt	02/21/2013
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	02/21/2013
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	02/21/2013
T246	Resistance to Deformation and Cohesion of Bituminous Mixtures by Means of Hveem Apparatus	02/21/2013
T247	Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor	02/21/2013
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	02/21/2013
T275	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens	02/21/2013
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	02/21/2013
T305	Draindown Characteristics of HMA	02/11/2015
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	02/21/2013
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	02/21/2013
T324	Hamburg Wheel-Track Testing of Compacted Hot-Mix Asphalt (HMA)	05/28/2014
T329	Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method	02/21/2013
D979	Sampling Bituminous Paving Mixtures	07/21/2016
D1074	Compressive Strength of Hot Mix Asphalt	02/21/2013
D1075	Effect of Water on Cohesion of Compacted Bituminous Mixtures	02/21/2013



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Asphalt Mixture (Continued)

Standard:	Accredited Since:
D1560 (Stability) Resistance to Deformation of Bituminous Mixtures by Means of Hveem Apparatus	02/21/2013
D1561 Preparation of Test Specimens of Bituminous Mixtures by Means of California Kneading Compactor	02/21/2013
D2041 Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	02/21/2013
D2726 Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	02/21/2013
D3203 Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	02/21/2013
D3549 Thickness or Height of Compacted Bituminous Paving Mixture Specimens	06/10/2020
D4867 Resistance of Compacted Mixtures to Moisture Induced Damage	02/21/2013
D5444 Mechanical Analysis of Extracted Aggregate	02/21/2013
D6307 Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	02/21/2013
D6390 Draindown Characteristics of HMA	02/11/2015
D6925 Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	02/21/2013
D6926 Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	02/21/2013
D6927 Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	02/21/2013
D6931 Indirect Tensile Strength (IDT)	05/28/2014



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Soil

Standard:

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R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	02/21/2013
R74	Wet Preparation of Disturbed Soil Samples for Test	02/21/2013
T88	Particle Size Analysis of Soils by Hydrometer	02/21/2013
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	02/21/2013
T90	Plastic Limit of Soils (Atterberg Limits)	02/21/2013
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	02/21/2013
T100	Specific Gravity of Soils	02/21/2013
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	02/21/2013
T190	Resistance R-Value and Expansion Pressure of Compacted Soils	02/21/2013
T265	Laboratory Determination of Moisture Content of Soils	02/21/2013
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	02/21/2013
D422	Particle Size Analysis of Soils by Hydrometer	02/21/2013
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	02/21/2013
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	02/21/2013
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	02/21/2013
D2216	Laboratory Determination of Moisture Content of Soils	02/21/2013
D2844	Resistance R-Value and Expansion Pressure of Compacted Soils	02/21/2013
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	02/21/2013
D4318	Plastic Limit of Soils (Atterberg Limits)	02/21/2013



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Aggregate

Standard:

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R76	Reducing Samples of Aggregate to Testing Size	02/21/2013
R90	Sampling Aggregate	02/11/2015
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	02/21/2013
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	02/21/2013
T21	Organic Impurities in Fine Aggregates for Concrete	02/21/2013
T27	Sieve Analysis of Fine and Coarse Aggregates	02/21/2013
T37	Sieve Analysis of Mineral Filler for Road and Paving Materials	02/21/2013
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	02/21/2013
T85	Specific Gravity and Absorption of Coarse Aggregate	02/21/2013
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	02/21/2013
T100 (Mineral Filler)	Specific Gravity of Mineral Filler on Asphalt Mixture Designs	06/10/2020
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	02/21/2013
T112	Clay Lumps and Friable Particles in Aggregate	02/21/2013
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	02/21/2013
T210	Aggregate Durability Index	02/21/2013
T255	Total Moisture Content of Aggregate by Drying	02/21/2013
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	02/21/2013
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	02/21/2013
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	02/21/2013
C40	Organic Impurities in Fine Aggregates for Concrete	02/21/2013
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	02/21/2013
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	02/21/2013
C127	Specific Gravity and Absorption of Coarse Aggregate	02/21/2013



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Aggregate (Continued)

Standard:		Accredited Since:
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	02/21/2013
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	02/21/2013
C136	Sieve Analysis of Fine and Coarse Aggregates	02/21/2013
C142	Clay Lumps and Friable Particles in Aggregate	02/21/2013
C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	02/11/2015
C566	Total Moisture Content of Aggregate by Drying	02/21/2013
C702	Reducing Samples of Aggregate to Testing Size	02/21/2013
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	02/21/2013
D75	Sampling Aggregate	02/11/2015
D546	Sieve Analysis of Mineral Filler for Road and Paving Materials	02/21/2013
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	02/21/2013
D3744	Aggregate Durability Index	02/21/2013
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	02/21/2013
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	02/21/2013



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Concrete

Standard:

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M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	12/17/2013
R39	Making and Curing Concrete Test Specimens in the Laboratory	12/17/2013
R60	Sampling Freshly Mixed Concrete	02/01/1998
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	12/17/2013
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	12/17/2013
R115	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	12/12/2024
T22	Compressive Strength of Cylindrical Concrete Specimens	12/17/2013
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	12/17/2013
T119	Slump of Hydraulic Cement Concrete	02/01/1998
T121	Density (Unit Weight), Yield, and Air Content of Concrete	02/01/1998
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	02/01/1998
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	07/06/2018
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	02/01/1998
T303	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	12/12/2024
T309	Temperature of Freshly Mixed Portland Cement Concrete	02/01/1998
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	12/17/2013
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	12/17/2013
C39	Compressive Strength of Cylindrical Concrete Specimens	12/17/2013
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	12/17/2013
C138	Density (Unit Weight), Yield, and Air Content of Concrete	02/01/1998
C143	Slump of Hydraulic Cement Concrete	02/01/1998
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	07/06/2018
C172	Sampling Freshly Mixed Concrete	02/01/1998



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Concrete (Continued)

Standard:		Accredited Since:
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	02/01/1998
C192	Making and Curing Concrete Test Specimens in the Laboratory	12/17/2013
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	02/01/1998
C305	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency	12/12/2024
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	12/17/2013
C1064	Temperature of Freshly Mixed Portland Cement Concrete	02/01/1998
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	03/28/2011
C1260	Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	12/12/2024
C1293	Determination of Length Change of Concrete Due to Alkali-Silica Reaction	08/01/2022
C1567	Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)	07/06/2018