AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

Palmerton & Parrish, Inc.

in

Springfield, Missouri, 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

Moe Jamshidi,
AASHTO COMP Chair

This certificate was generated on 11/11/2019 at 5:01 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Scope of AASHTO Accreditation for:

Palmerton & Parrish, Inc.

in Springfield, Missouri, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	05/01/1995
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	06/24/2016
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	08/02/2016
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	06/24/2016
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	03/25/2015
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/02/2016

Scope of AASHTO Accreditation for:

Palmerton & Parrish, Inc.

in Springfield, Missouri, USA

Asphalt Mixture

Standard:		Accredited Since:
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	05/01/1995
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	05/01/1995
T30	Mechanical Analysis of Extracted Aggregate	05/01/1995
T164	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	05/01/1995
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	05/01/1995
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	05/01/1995
T245	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	05/01/1995
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	05/01/1995
T283	Resistance of Compacted Mixtures to Moisture Induced Damage	05/01/1995
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	05/01/1995
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	05/01/1995
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	05/01/1995
D2172	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)	05/01/1995
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	05/01/1995
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	05/01/1995
D4867	Resistance of Compacted Mixtures to Moisture Induced Damage	05/01/1995
D5444	Mechanical Analysis of Extracted Aggregate	05/01/1995
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	05/01/1995
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	05/01/1995
D6927	Resistance to Plastic Flow of Asphalt Mixtures Using Marshall Apparatus	05/01/1995

Scope of AASHTO Accreditation for:

Palmerton & Parrish, Inc.

in Springfield, Missouri, USA

Soil

Standard:		Accredited Since:
R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	03/11/2015
T88	Particle Size Analysis of Soils by Hydrometer	04/17/2015
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	04/17/2015
T90	Plastic Limit of Soils (Atterberg Limits)	04/17/2015
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	04/17/2015
T100	Specific Gravity of Soils	04/17/2015
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	04/17/2015
T191	Density of Soil In-Place by the Sand Cone Method	04/17/2015
T193	The California Bearing Ratio	04/17/2015
T208	Unconfined Compressive Strength of Cohesive Soil	04/17/2015
T265	Laboratory Determination of Moisture Content of Soils	03/11/2015
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	04/17/2015
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/15/1996
D422	Particle Size Analysis of Soils by Hydrometer	01/15/1996
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/15/1996
D854	Specific Gravity of Soils	01/15/1996
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	01/15/1996
D1556	Density of Soil In-Place by the Sand Cone Method	01/15/1996
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/15/1996
D1883	The California Bearing Ratio	01/15/1996
D2166	Unconfined Compressive Strength of Cohesive Soil	01/15/1996
D2216	Laboratory Determination of Moisture Content of Soils	01/15/1996
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	01/15/1996

Scope of AASHTO Accreditation for:

Palmerton & Parrish, Inc.

in Springfield, Missouri, USA

Soil (Continued)

Standard:	Accredited Since:
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	01/15/1996
D4318 Plastic Limit of Soils (Atterberg Limits)	01/15/1996
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/15/1996

Scope of AASHTO Accreditation for:

Palmerton & Parrish, Inc.

in Springfield, Missouri, USA

Aggregate

Standard:		Accredited Since:
R76	Reducing Samples of Aggregate to Testing Size	05/01/1995
R90	Sampling Aggregate	04/08/2019
T11	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	05/01/1995
T19	Bulk Density (“Unit Weight”) and Voids in Aggregate	05/01/1995
T21	Organic Impurities in Fine Aggregates for Concrete	05/01/1995
T27	Sieve Analysis of Fine and Coarse Aggregates	05/01/1995
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/01/1995
T85	Specific Gravity and Absorption of Coarse Aggregate	05/01/1995
T96	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	05/01/1995
T104	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	04/17/2015
T112	Clay Lumps and Friable Particles in Aggregate	05/01/1995
T113	Lightweight Pieces in Aggregate	05/01/1995
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	05/01/1995
T255	Total Moisture Content of Aggregate by Drying	05/01/1995
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	05/01/1995
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	03/11/2015
C29	Bulk Density (“Unit Weight”) and Voids in Aggregate	05/01/1995
C40	Organic Impurities in Fine Aggregates for Concrete	05/01/1995
C88	Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	05/01/1995
C117	Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	05/01/1995
C123	Lightweight Pieces in Aggregate	05/01/1995
C127	Specific Gravity and Absorption of Coarse Aggregate	05/01/1995
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/01/1995

Scope of AASHTO Accreditation for:

Palmerton & Parrish, Inc.

in Springfield, Missouri, USA

Aggregate (Continued)

Standard:		Accredited Since:
C131	Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	05/01/1995
C136	Sieve Analysis of Fine and Coarse Aggregates	05/01/1995
C142	Clay Lumps and Friable Particles in Aggregate	05/01/1995
C566	Total Moisture Content of Aggregate by Drying	05/01/1995
C702	Reducing Samples of Aggregate to Testing Size	05/01/1995
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	05/01/1995
D75	Sampling Aggregate	04/08/2019
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	05/01/1995
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	05/01/1995
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	05/01/1995

Scope of AASHTO Accreditation for:

Palmerton & Parrish, Inc.

in Springfield, Missouri, USA

Sprayed Fire-Resistive Material

Standard:	Accredited Since:
E605 Thickness and Density of Sprayed Fire-Resistive Material(SFRM) Applied to Structural Members	03/11/2015
E736 Cohesion/Adhesion of Sprayed Fire-Resistive MaterialsApplied to Structural Members	03/11/2015

Scope of AASHTO Accreditation for:

Palmerton & Parrish, Inc.

in Springfield, Missouri, USA

Concrete

Standard:		Accredited Since:
C31	Making and Curing Concrete Test Specimens in the Field	05/01/1995
C39	Compressive Strength of Cylindrical Concrete Specimens	05/01/1995
C42	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	05/01/1995
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	05/01/1995
C138	Density (Unit Weight), Yield, and Air Content of Concrete	05/01/1995
C143	Slump of Hydraulic Cement Concrete	05/01/1995
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	05/01/1995
C172	Sampling Freshly Mixed Concrete	05/01/1995
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	05/01/1995
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	03/26/2018
C192	Making and Curing Concrete Test Specimens in the Laboratory	05/01/1995
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	03/25/2015
C403	Time of Setting of Concrete Mixtures by Penetration Resistance	05/01/1995
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	03/25/2013
C617 (7000 psi and below)	Capping Cylindrical Concrete Specimens	03/25/2013
C805	Rebound Number of Hardened Concrete	05/01/1995
C1064	Temperature of Freshly Mixed Portland Cement Concrete	05/01/1995
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	03/25/2013

Scope of AASHTO Accreditation for:

Palmerton & Parrish, Inc.

in Springfield, Missouri, USA

Masonry

Standard:		Accredited Since:
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	03/25/2015
C780 (Annex 6)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength	03/25/2015
C1019	Sampling and Testing Grout	03/25/2015