



# CERTIFICATE OF ACCREDITATION



## Fremont Materials Testing, LLC

in

### Lander, Wyoming, 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](http://aashtoresource.org)).



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Jim Tymon,  
AASHTO Executive Director



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Matt Linneman  
AASHTO COMP Chair



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## Quality Management System

### Standard:

### Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	05/20/2024
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	07/08/2024
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	09/18/2024
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	05/20/2024
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	05/20/2024
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/20/2024
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/20/2024
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	09/18/2024



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## Asphalt Mixture

### Standard:

### Accredited Since:

R30	Mixture Conditioning of Hot Mix Asphalt (HMA)	05/20/2024
R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	05/20/2024
R68	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	05/20/2024
R97	Sampling Bituminous Paving Mixtures	05/20/2024
T30	Mechanical Analysis of Extracted Aggregate	05/20/2024
T166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	05/20/2024
T209	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	05/20/2024
T269	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	05/20/2024
T308	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	05/20/2024
T312	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	06/05/2024
D979	Sampling Bituminous Paving Mixtures	05/20/2024
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	05/20/2024
D2726	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens	05/20/2024
D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures	05/20/2024
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	05/20/2024
D5444	Mechanical Analysis of Extracted Aggregate	05/20/2024
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	05/20/2024
D6925	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor	06/05/2024
D6926	Preparation of Asphalt Mixtures by Means of the Marshall Apparatus	05/20/2024



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## Soil

### Standard:

### Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	05/20/2024
T89	Determining the Liquid Limit of Soils (Atterberg Limits)	05/20/2024
T90	Plastic Limit of Soils (Atterberg Limits)	05/20/2024
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	05/20/2024
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	05/20/2024
T265	Laboratory Determination of Moisture Content of Soils	05/20/2024
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	05/20/2024
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	05/20/2024
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	05/20/2024
D2216	Laboratory Determination of Moisture Content of Soils	05/20/2024
D4318	Determining the Liquid Limit of Soils (Atterberg Limits)	05/20/2024
D4318	Plastic Limit of Soils (Atterberg Limits)	05/20/2024
D4718	Oversize Particle Correction	05/20/2024



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## Aggregate

### Standard:

### Accredited Since:

R76	Reducing Samples of Aggregate to Testing Size	05/20/2024
R90	Sampling Aggregate	05/20/2024
T11	Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	05/20/2024
T27	Sieve Analysis of Fine and Coarse Aggregates	05/20/2024
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/20/2024
T85	Specific Gravity and Absorption of Coarse Aggregate	05/20/2024
T176	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	05/20/2024
T255	Total Moisture Content of Aggregate by Drying	05/20/2024
T304	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	06/05/2024
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	05/20/2024
C117	Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	05/20/2024
C127	Specific Gravity and Absorption of Coarse Aggregate	05/20/2024
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/20/2024
C136	Sieve Analysis of Fine and Coarse Aggregates	05/20/2024
C566	Total Moisture Content of Aggregate by Drying	05/20/2024
C702	Reducing Samples of Aggregate to Testing Size	05/20/2024
C1252	Uncompacted Void Content of Fine Aggregate (Influenced by Shape, Texture, and Grading)	06/05/2024
D75	Sampling Aggregate	05/20/2024
D2419	Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	05/20/2024
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	06/05/2024
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	05/20/2024



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## Concrete

**Standard:****Accredited Since:**

C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	06/19/2024
C39	Compressive Strength of Cylindrical Concrete Specimens	06/19/2024
C138	Density (Unit Weight), Yield, and Air Content of Concrete	06/19/2024
C143	Slump of Hydraulic Cement Concrete	06/19/2024
C172	Sampling Freshly Mixed Concrete	06/19/2024
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	09/18/2024
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	06/19/2024
C1064	Temperature of Freshly Mixed Portland Cement Concrete	06/19/2024
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	06/19/2024