



CERTIFICATE OF ACCREDITATION



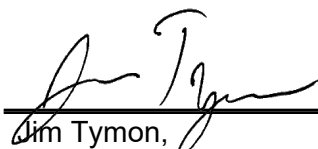
Bhate Geosciences Corporation

in

Birmingham, Alabama, 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 10/27/2026 at 1:42 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory



SCOPE OF AASHTO ACCREDITATION FOR:

Bhate Geosciences Corporation

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Quality Management System

Standard:

Accredited Since:

R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	03/03/2021
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	08/22/2024
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	08/22/2024
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/22/2024
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	08/22/2024
E329 (Sprayed Fire-Resistive Material)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	05/18/2016



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Asphalt Mixture

Standard:

Accredited Since:

R47	Reducing Samples of Hot-Mix Asphalt to Testing Size	04/23/2018
T166 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	05/18/2016
T355	Density of Bituminous Concrete In Place by Nuclear Methods	04/23/2018
D1188 (Cores)	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens (Cores)	05/18/2016
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	05/18/2016
D2950	Density of Bituminous Concrete In Place by Nuclear Methods	05/18/2016
D3549	Thickness or Height of Compacted Bituminous Paving Mixture Specimens	08/22/2024



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Soil

Standard:

Accredited Since:

R58	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	05/18/2016
R74	Wet Preparation of Disturbed Soil Samples for Test	08/22/2024
T90	Plastic Limit of Soils (Atterberg Limits)	05/18/2016
T99	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	11/15/2024
T180	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	11/15/2024
T208	Unconfined Compressive Strength of Cohesive Soil	05/18/2016
T265	Laboratory Determination of Moisture Content of Soils	05/18/2016
T267	Determination of Organic Content in Soils by Loss on Ignition	05/18/2016
T289	pH of Soils for Corrosion Testing	Suspended
T310	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	05/18/2016
D421	Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	05/18/2016
D698	The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	11/15/2024
D1140	Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	05/18/2016
D1556	Density of Soil In-Place by the Sand Cone Method	05/18/2016
D1557	Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	11/15/2024
D2166	Unconfined Compressive Strength of Cohesive Soil	05/18/2016
D2216	Laboratory Determination of Moisture Content of Soils	05/18/2016
D2488	Description and Identification of Soils (Visual-Manual Procedure)	05/18/2016
D2974	Determination of Organic Content in Soils by Loss on Ignition	05/18/2016
D4972	pH Testing of Soils	04/23/2018
D6938	In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	05/18/2016



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Aggregate

Standard:

Accredited Since:

R76	Reducing Samples of Aggregate to Testing Size	05/18/2016
R90	Sampling Aggregate	04/23/2018
T11	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	05/18/2016
T19	Bulk Density ("Unit Weight") and Voids in Aggregate	04/23/2018
T21	Organic Impurities in Fine Aggregates for Concrete	04/23/2018
T84	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/18/2016
T255	Total Moisture Content of Aggregate by Drying	05/18/2016
T335	Determining the Percentage of Fractured Particles in Coarse Aggregate	07/31/2023
C29	Bulk Density ("Unit Weight") and Voids in Aggregate	04/23/2018
C40	Organic Impurities in Fine Aggregates for Concrete	04/23/2018
C117	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	05/18/2016
C128	Specific Gravity (Relative Density) and Absorption of Fine Aggregate	05/18/2016
C566	Total Moisture Content of Aggregate by Drying	05/18/2016
C702	Reducing Samples of Aggregate to Testing Size	05/18/2016
D75	Sampling Aggregate	04/23/2018
D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	04/23/2018
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	07/31/2023



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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

05/18/2016

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

05/18/2016



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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	05/26/2015
R39	Making and Curing Concrete Test Specimens in the Laboratory	02/26/2018
R60	Sampling Freshly Mixed Concrete	05/26/2015
R100 (Beams)	Making and Curing Concrete Test Specimens in the Field	05/26/2015
R100 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	05/26/2015
T22	Compressive Strength of Cylindrical Concrete Specimens	05/26/2015
T24 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	05/26/2015
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	05/26/2015
T119	Slump of Hydraulic Cement Concrete	05/26/2015
T121	Density (Unit Weight), Yield, and Air Content of Concrete	05/26/2015
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	05/26/2015
T160	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	05/26/2015
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	05/26/2015
T197	Time of Setting of Concrete Mixtures by Penetration Resistance	04/20/2021
T198	Splitting Tensile Strength of Cylindrical Concrete Specimens	05/26/2015
T231 (8000 psi and below)	Capping Cylindrical Concrete Specimens	03/31/2020
T309	Temperature of Freshly Mixed Portland Cement Concrete	05/26/2015
T345	Passing Ability of Self-Consolidating Concrete by J-Ring	07/31/2023
T347	Slump Flow of Self-Consolidating Concrete	07/31/2023
C31 (Beams)	Making and Curing Concrete Test Specimens in the Field	05/26/2015
C31 (Cylinders)	Making and Curing Concrete Test Specimens in the Field	05/26/2015
C39	Compressive Strength of Cylindrical Concrete Specimens	05/26/2015
C42 (Testing Drilled Cores of Concrete)	Testing Drilled Cores of Concrete	05/26/2015



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Concrete (Continued)

Standard:		Accredited Since:
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	05/26/2015
C138	Density (Unit Weight), Yield, and Air Content of Concrete	05/26/2015
C143	Slump of Hydraulic Cement Concrete	05/26/2015
C157	Length Change of Hardened Hydraulic-Cement, Mortar, and Concrete	05/26/2015
C172	Sampling Freshly Mixed Concrete	05/26/2015
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	05/26/2015
C192	Making and Curing Concrete Test Specimens in the Laboratory	02/26/2018
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	05/26/2015
C403	Time of Setting of Concrete Mixtures by Penetration Resistance	04/20/2021
C496	Splitting Tensile Strength of Cylindrical Concrete Specimens	05/26/2015
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	05/26/2015
C617 (8000 psi and below)	Capping Cylindrical Concrete Specimens	03/31/2020
C642	Density, Absorption, and Voids in Hardened Concrete	07/31/2023
C803	Penetration Resistance of Hardened Concrete	05/26/2015
C805	Rebound Number of Hardened Concrete	05/26/2015
C1040	In-Place Density of Unhardened and Hardened Concrete, Including Roller Compacted Concrete, By Nuclear Methods	05/26/2015
C1064	Temperature of Freshly Mixed Portland Cement Concrete	05/26/2015
C1140 (Obtaining and Testing Specimens)	Preparing and Testing Specimens from Shotcrete Test Panels	03/31/2020
C1231 (7000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	05/26/2015
C1542	Measuring Length of Concrete Cores	05/26/2015
C1604	Standard Test Method for Obtaining and Testing Drilled Cores of Shotcrete	04/20/2021
C1611	Slump Flow of Self-Consolidating Concrete	07/31/2023
C1621	Passing Ability of Self-Consolidating Concrete by J-Ring	07/31/2023



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Controlled Low Strength Material (CLSM)

Standard:

Accredited Since:

D4832 Preparation and Testing of Controlled Low Strength Material (CLSM) Test Cylinders	04/20/2021
D5971 Sampling Freshly Mixed Controlled Low-Strength Material (CLSM)	04/20/2021
D6103 Standard Test Method for Flow Consistency of Controlled Low Strength Material (CLSM)	07/31/2023



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Dimension Stone

Standard:	Accredited Since:
C97 Absorption and Bulk Specific Gravity of Dimension Stone	07/31/2023
C170 Compressive Strength of Dimension Stone	07/31/2023
C880 Flexural Strength of Dimension Stone	07/31/2023



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Masonry

Standard:

Accredited Since:

C140 (Concrete Interlocking Paving Units) Sampling and Testing Concrete Masonry Units and Related Units	04/20/2021
C511 Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	05/26/2015
C780 (Annex 1) Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Consistency by Cone Penetration	07/31/2023
C780 (Annex 4) Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Mortar Aggregate Ratio	07/31/2023
C780 (Annex 6 - Cubes) Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cubes	01/29/2024
C780 (Annex 6 - Cylinders) Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry - Compressive Strength of Cylinders	07/31/2023
C1019 Sampling and Testing Grout	05/26/2015
C1314 Compressive Strength of Masonry Prisms	01/29/2024
C1552 Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing	04/20/2021