



# CERTIFICATE OF ACCREDITATION



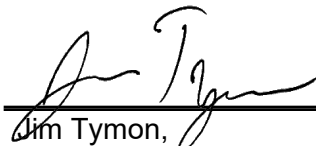
## Giles Engineering Associates, Inc.

in

### Waukesha, Wisconsin, 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)).



Jim Tymon,  
AASHTO Executive Director



Matt Linneman,  
AASHTO COMP Chair

This certificate was generated on 10/27/2026 at 1:31 AM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](http://aashtoresource.org/aap/accreditation-directory)



# SCOPE OF AASHTO ACCREDITATION FOR:

Giles Engineering Associates, Inc.

in Waukesha, Wisconsin, USA

## Quality Management System

### Standard:

### Accredited Since:

|                   |                                                                                                                                        |            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------|
| R18               | Establishing and Implementing a Quality System for Construction Materials Testing Laboratories                                         | 08/15/1997 |
| C1077 (Aggregate) | Laboratories Testing Concrete and Concrete Aggregates                                                                                  | 01/10/2011 |
| C1077 (Concrete)  | Laboratories Testing Concrete and Concrete Aggregates                                                                                  | 01/10/2011 |
| D3666 (Aggregate) | Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials                                                     | 08/19/2021 |
| 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 (Concrete)   | Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction                         | 01/10/2011 |
| E329 (Soil)       | Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction                         | 01/10/2011 |



# SCOPE OF AASHTO ACCREDITATION FOR:

Giles Engineering Associates, Inc.

in Waukesha, Wisconsin, USA

## Soil

### Standard:

### Accredited Since:

|       |                                                                                                            |            |
|-------|------------------------------------------------------------------------------------------------------------|------------|
| R58   | Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test                                      | 02/01/2000 |
| R74   | Wet Preparation of Disturbed Soil Samples for Test                                                         | 12/10/2024 |
| T88   | Particle Size Analysis of Soils by Hydrometer                                                              | 02/01/2000 |
| T89   | Determining the Liquid Limit of Soils (Atterberg Limits)                                                   | 08/05/2016 |
| T90   | Plastic Limit of Soils (Atterberg Limits)                                                                  | 02/01/2000 |
| T99   | The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop          | 08/05/2016 |
| T100  | Specific Gravity of Soils                                                                                  | 08/05/2016 |
| T180  | Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop             | 08/05/2016 |
| T265  | Laboratory Determination of Moisture Content of Soils                                                      | 02/01/2000 |
| T310  | In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)        | 01/23/2019 |
| D421  | Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test                                      | 02/01/2000 |
| D422  | Particle Size Analysis of Soils by Hydrometer                                                              | 02/01/2000 |
| D698  | The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop          | 08/05/2016 |
| D854  | Specific Gravity of Soils                                                                                  | 08/05/2016 |
| D1140 | Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve                                           | 04/05/2012 |
| D1557 | Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop             | 08/05/2016 |
| D2216 | Laboratory Determination of Moisture Content of Soils                                                      | 02/01/2000 |
| D4318 | Determining the Liquid Limit of Soils (Atterberg Limits)                                                   | 02/01/2000 |
| D4318 | Plastic Limit of Soils (Atterberg Limits)                                                                  | 02/01/2000 |
| D6938 | In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)        | 01/23/2019 |
| D7928 | Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis | 01/23/2019 |



# SCOPE OF AASHTO ACCREDITATION FOR:

Giles Engineering Associates, Inc.

in Waukesha, Wisconsin, USA

## Aggregate

### Standard:

### Accredited Since:

|      |                                                                                                            |            |
|------|------------------------------------------------------------------------------------------------------------|------------|
| R76  | Reducing Samples of Aggregate to Testing Size                                                              | 06/04/2026 |
| R90  | Sampling Aggregate                                                                                         | 08/19/2021 |
| T11  | Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing                          | 10/04/2023 |
| T19  | Bulk Density ("Unit Weight") and Voids in Aggregate                                                        | 08/19/2021 |
| T27  | Sieve Analysis of Fine and Coarse Aggregates                                                               | 10/04/2023 |
| T84  | Specific Gravity (Relative Density) and Absorption of Fine Aggregate                                       | 10/04/2023 |
| T85  | Specific Gravity and Absorption of Coarse Aggregate                                                        | 10/04/2023 |
| T96  | Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine    | 08/19/2021 |
| T104 | Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate                                       | 10/06/2021 |
| T112 | Clay Lumps and Friable Particles in Aggregate                                                              | 08/19/2021 |
| T113 | Lightweight Pieces in Aggregate                                                                            | 08/19/2021 |
| T255 | Total Moisture Content of Aggregate by Drying                                                              | 10/04/2023 |
| C29  | Bulk Density ("Unit Weight") and Voids in Aggregate                                                        | 08/19/2021 |
| C88  | Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate                                       | 10/06/2021 |
| C117 | Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing                          | 08/15/1997 |
| C123 | Lightweight Pieces in Aggregate                                                                            | 08/19/2021 |
| C127 | Specific Gravity and Absorption of Coarse Aggregate                                                        | 08/15/1997 |
| C128 | Specific Gravity (Relative Density) and Absorption of Fine Aggregate                                       | 08/15/1997 |
| C131 | Resistance to Abrasion of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine    | 08/19/2021 |
| C136 | Sieve Analysis of Fine and Coarse Aggregates                                                               | 08/15/1997 |
| C142 | Clay Lumps and Friable Particles in Aggregate                                                              | 08/19/2021 |
| C535 | Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine | 08/19/2021 |
| C566 | Total Moisture Content of Aggregate by Drying                                                              | 08/15/1997 |



# SCOPE OF AASHTO ACCREDITATION FOR:

Giles Engineering Associates, Inc.

in Waukesha, Wisconsin, USA

## Aggregate (Continued)

### Standard:

### Accredited Since:

|                                                                             |            |
|-----------------------------------------------------------------------------|------------|
| C702 Reducing Samples of Aggregate to Testing Size                          | 08/15/1997 |
| D75 Sampling Aggregate                                                      | 08/19/2021 |
| D5821 Determining the Percentage of Fractured Particles in Coarse Aggregate | 08/19/2021 |



# SCOPE OF AASHTO ACCREDITATION FOR:

Giles Engineering Associates, Inc.

in Waukesha, Wisconsin, USA

## Concrete

### Standard:

### Accredited Since:

|                           |                                                                                                             |            |
|---------------------------|-------------------------------------------------------------------------------------------------------------|------------|
| M201                      | Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes | 10/04/2023 |
| R60                       | Sampling Freshly Mixed Concrete                                                                             | 10/04/2023 |
| R100 (Beams)              | Making and Curing Concrete Test Specimens in the Field                                                      | 10/04/2023 |
| R100 (Cylinders)          | Making and Curing Concrete Test Specimens in the Field                                                      | 10/04/2023 |
| T22                       | Compressive Strength of Cylindrical Concrete Specimens                                                      | 10/04/2023 |
| T97                       | Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)                                  | 11/21/2023 |
| T119                      | Slump of Hydraulic Cement Concrete                                                                          | 10/04/2023 |
| T121                      | Density (Unit Weight), Yield, and Air Content of Concrete                                                   | 10/04/2023 |
| T152                      | Air Content of Freshly Mixed Concrete by the Pressure Method                                                | 10/04/2023 |
| T196                      | Air Content of Freshly Mixed Concrete by the Volumetric Method                                              | 10/04/2023 |
| T231 (7000 psi and below) | Capping Cylindrical Concrete Specimens                                                                      | 06/04/2026 |
| T309                      | Temperature of Freshly Mixed Portland Cement Concrete                                                       | 10/04/2023 |
| C31 (Beams)               | Making and Curing Concrete Test Specimens in the Field                                                      | 02/26/2013 |
| C31 (Cylinders)           | Making and Curing Concrete Test Specimens in the Field                                                      | 02/26/2013 |
| C39                       | Compressive Strength of Cylindrical Concrete Specimens                                                      | 08/15/1997 |
| C78                       | Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)                                  | 02/26/2013 |
| C138                      | Density (Unit Weight), Yield, and Air Content of Concrete                                                   | 08/15/1997 |
| C143                      | Slump of Hydraulic Cement Concrete                                                                          | 08/15/1997 |
| C172                      | Sampling Freshly Mixed Concrete                                                                             | 08/15/1997 |
| C173                      | Air Content of Freshly Mixed Concrete by the Volumetric Method                                              | 08/15/1997 |
| C231                      | Air Content of Freshly Mixed Concrete by the Pressure Method                                                | 08/15/1997 |
| C511                      | Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes | 02/26/2013 |
| C617 (7000 psi and below) | Capping Cylindrical Concrete Specimens                                                                      | 06/04/2026 |



**SCOPE OF AASHTO ACCREDITATION FOR:**

Giles Engineering Associates, Inc.  
in Waukesha, Wisconsin, USA

**Concrete (Continued)**

| Standard:                  |                                                                                              | Accredited Since: |
|----------------------------|----------------------------------------------------------------------------------------------|-------------------|
| C1064                      | Temperature of Freshly Mixed Portland Cement Concrete                                        | 08/15/1997        |
| C1231 (7000 psi and below) | Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders | 02/26/2013        |