AASHTO ACCREDITED

# CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

## DDS Engineering, PLLC

in

## Bowling Green, Kentucky, 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:

DDS Engineering, PLLC

in Bowling Green, Kentucky, USA

## Quality Management System

| Standard: | | Accredited Since: |
|---|---|---|
| R18 | Establishing and Implementing a Quality System for Construction Materials Testing Laboratories | 04/20/2018 |
| C1077 (Aggregate) | Laboratories Testing Concrete and Concrete Aggregates | 04/26/2018 |
| C1077 (Concrete) | Laboratories Testing Concrete and Concrete Aggregates | 04/20/2018 |
| D3740 (Soil) | Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction | 06/15/2018 |
| E329 (Soil) | Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction | 06/15/2018 |



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## Soil

| Standard: | | Accredited Since: |
|---|---|---|
| R58 | Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test | 06/15/2018 |
| T88 | Particle Size Analysis of Soils by Hydrometer | 06/15/2018 |
| T89 | Determining the Liquid Limit of Soils (Atterberg Limits) | 06/15/2018 |
| T90 | Plastic Limit of Soils (Atterberg Limits) | 06/15/2018 |
| T99 | The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop | 06/15/2018 |
| T100 | Specific Gravity of Soils | 08/02/2018 |
| T180 | Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop | 06/15/2018 |
| T193 | The California Bearing Ratio | 06/15/2018 |
| T208 | Unconfined Compressive Strength of Cohesive Soil | 06/15/2018 |
| T216 | One-Dimensional Consolidation Properties of Soils Using Incremental Loading | 06/15/2018 |
| T265 | Laboratory Determination of Moisture Content of Soils | 06/15/2018 |
| T310 | In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth) | 06/15/2018 |
| D421 | Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test | 06/15/2018 |
| D422 | Particle Size Analysis of Soils by Hydrometer | 06/15/2018 |
| D698 | The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop | 06/15/2018 |
| D854 | Specific Gravity of Soils | 08/02/2018 |
| D1140 | Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve | 06/15/2018 |
| D1557 | Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop | 06/15/2018 |
| D1883 | The California Bearing Ratio | 06/15/2018 |
| D2166 | Unconfined Compressive Strength of Cohesive Soil | 06/15/2018 |
| D2216 | Laboratory Determination of Moisture Content of Soils | 06/15/2018 |
| D2435 | One-Dimensional Consolidation Properties of Soils Using Incremental Loading | 06/15/2018 |
| D2487 | Classification of Soils for Engineering Purposes (Unified Soil Classification System) | 06/15/2018 |

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## Soil (Continued)

| Standard: | Accredited Since: |
|---|---|
| D2488 Description and Identification of Soils (Visual-Manual Procedure) | 06/15/2018 |
| D4318 Determining the Liquid Limit of Soils (Atterberg Limits) | 06/15/2018 |
| D4318 Plastic Limit of Soils (Atterberg Limits) | 06/15/2018 |
| D4546 One-Dimensional Swell or Settlement Potential of Cohesive Soils | 06/15/2018 |
| D6913 Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis | 06/15/2018 |
| D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth) | 06/15/2018 |

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## Aggregate

| Standard: | Accredited Since: |
|---|---|
| R76 Reducing Samples of Aggregate to Testing Size | 04/20/2018 |
| T11 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing | 04/20/2018 |
| T21 Organic Impurities in Fine Aggregates for Concrete | 04/20/2018 |
| T27 Sieve Analysis of Fine and Coarse Aggregates | 04/20/2018 |
| T84 Specific Gravity (Relative Density) and Absorption of Fine Aggregate | 04/20/2018 |
| T85 Specific Gravity and Absorption of Coarse Aggregate | 04/20/2018 |
| T255 Total Moisture Content of Aggregate by Drying | 04/20/2018 |
| C40 Organic Impurities in Fine Aggregates for Concrete | 04/20/2018 |
| C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing | 04/20/2018 |
| C127 Specific Gravity and Absorption of Coarse Aggregate | 04/20/2018 |
| C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate | 04/20/2018 |
| C136 Sieve Analysis of Fine and Coarse Aggregates | 04/20/2018 |
| C566 Total Moisture Content of Aggregate by Drying | 04/20/2018 |
| C702 Reducing Samples of Aggregate to Testing Size | 04/20/2018 |

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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 | 04/20/2018 |
| R60 | Sampling Freshly Mixed Concrete | 04/20/2018 |
| R100 (Cylinders) | Making and Curing Concrete Test Specimens in the Field | 04/20/2018 |
| T22 | Compressive Strength of Cylindrical Concrete Specimens | 04/20/2018 |
| T119 | Slump of Hydraulic Cement Concrete | 04/20/2018 |
| T121 | Density (Unit Weight), Yield, and Air Content of Concrete | 04/20/2018 |
| T152 | Air Content of Freshly Mixed Concrete by the Pressure Method | 04/26/2018 |
| T196 | Air Content of Freshly Mixed Concrete by the Volumetric Method | 04/20/2018 |
| T309 | Temperature of Freshly Mixed Portland Cement Concrete | 04/20/2018 |
| C31 (Cylinders) | Making and Curing Concrete Test Specimens in the Field | 04/20/2018 |
| C39 | Compressive Strength of Cylindrical Concrete Specimens | 04/20/2018 |
| C138 | Density (Unit Weight), Yield, and Air Content of Concrete | 04/20/2018 |
| C143 | Slump of Hydraulic Cement Concrete | 04/20/2018 |
| C172 | Sampling Freshly Mixed Concrete | 04/20/2018 |
| C173 | Air Content of Freshly Mixed Concrete by the Volumetric Method | 04/20/2018 |
| C231 | Air Content of Freshly Mixed Concrete by the Pressure Method | 04/26/2018 |
| C511 | Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes | 04/20/2018 |
| C1064 | Temperature of Freshly Mixed Portland Cement Concrete | 04/20/2018 |
| C1231 (7000 psi and below) | Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders | 04/20/2018 |