

## COURSE ANNOUNCEMENT

### SDDOT BITUMINOUS TECHNOLOGY – ASPHALT CONCRETE AGGREGATE TESTING

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Class 1: Monday, January 7, 2019 (1:00 P.M.) – Tuesday, January 8, 2019 (5:00 P.M.)  
Class 2: Monday, January 28, 2019 (1:00 P.M.) – Tuesday, January 29, 2019 (5:00 P.M.)  
Class 3: TBD\*\*

\*\*Registrations will not be accepted for this class unless previous class is fully registered

\*\*In 2017-2018 only two classes were held

SDDOT Materials Laboratory, 104 S. Garfield, Pierre, SD

***Asphalt Concrete Aggregate Testing*** is a twelve (12) hour course for those who will be pursuing accreditation through the SDDOT QC/QA Asphalt Concrete Certification process. The course concludes with a written test. Successful completion of the course and written test combined with Laboratory Performance (proficiency) test verification allows the participant to be certified for “***Materials Testing***” duties on aggregate for asphalt concrete pavement projects constructed under the SDDOT QC/QA specification. This course is a prerequisite for ***SDDOT Bituminous Technology Asphalt Concrete Hot Mix Testing*** and ***SDDOT Bituminous Technology Mix Design and Production Control***. In addition, the course is open and encouraged for all construction professionals actively involved in asphalt concrete design, material production and paving outside the scope of QC/QA specification, as well.

#### **Course Syllabus:**

- Testing Roles & Responsibilities in QC/QA
- Sampling Aggregate Materials
- SDDOT Soils & Aggregate Specifications
- SDDOT Soils & Aggregate Test Procedures
- SDDOT Test Procedure Demonstrations, Equipment & Calibration Overview
- SDDOT Aggregate Specific Gravity Testing
- Calculating & Reporting Aggregate Properties
- Proctored written knowledge & skills test

#### **Requirements:**

- *It is recommended, but not mandatory, for all SDDOT QC/QA Asphalt Concrete Certification applicants to have completed SDDOT Bituminous Technology – Introduction to Asphalt. Basic math skills & calculator required.*
- *For those with entry-level experience in bituminous technology and/or bituminous projects or who are new to the bituminous industry, course completion of the **Introduction to Asphalt** course is strongly recommended. Prior hands on training as a lab assistant or materials tester strongly recommended.*
- Experience and knowledge of construction projects and processes.
- Materials testing experience should be obtained prior to completion of Laboratory Performance Testing.

Cost: \$150.00/Student including all reference material, testing and certificate.

#### **References**

SDDOT Materials Testing Manual, SDDOT Materials Testing & Inspection Certification Program Manual, SDDOT Special Provisions for QC/QA (Marshall & Gyration)

**Instructors:** Ken Swedeen, DAPA, and SDDOT Materials Laboratory Staff

# REGISTRATION FORM

## SDDOT BITUMINOUS TECHNOLOGY ASPHALT CONCRETE AGGREGATE TESTING

Class 1: Monday, January 7, 2019 – Tuesday, January 8, 2019

Class 2: Monday, January 28, 2019 – Tuesday, January 29, 2019\*

SDDOT Materials Laboratory, 104 S. Garfield  
Pierre, SD

*Please circle the class you are attending.*

Classes will be capped at 28 attendees on a first come, first served basis.

NAME: \_\_\_\_\_

ORGANIZATION: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

\_\_\_\_\_

CITY: \_\_\_\_\_

STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

PHONE: \_\_\_\_\_

FAX: \_\_\_\_\_

E-MAIL: \_\_\_\_\_

**Attendee Registration Fee: \$150.00**

To register, send registration form and fee to:

Dakota Asphalt Pavement Association Inc.

3030 Airport Road, Suite B

Pierre, SD 57501

Call DAPA at (605) 224-8500

Email: Ken Swedeen at [kswedeen@dakota-asphalt.org](mailto:kswedeen@dakota-asphalt.org)