

## COURSE ANNOUNCEMENT

### SDDOT BITUMINOUS TECHNOLOGY – ASPHALT CONCRETE AGGREGATE TESTING

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Class 1: Monday, January 9, 2017 (1:00 P.M.) – Tuesday, January 10, 2017 (5:00 P.M.)  
Class 2: Monday, January 30, 2017 (1:00 P.M.) – Tuesday, January 31, 2017 (5:00 P.M.)\*  
Class 3: Monday, February 13, 2017 (1:00 P.M.) – Tuesday, February 14, 2017 (5:00 P.M.)\*\*

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

\*\*In 2015-2016 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 & Gyrotory)

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

# REGISTRATION FORM

## SDDOT BITUMINOUS TECHNOLOGY ASPHALT CONCRETE AGGREGATE TESTING

Class 1: Monday, January 9, 2017 – Tuesday, January 10, 2017

Class 2: Monday, January 30, 2017 – Tuesday, January 31, 2017\*

Class 3: Monday, February 13, 2017 – Tuesday, February 14, 2017\*

**\*Class 2 & 3 will be held only if previous Classes are full  
CIRCLE CLASS 1 Unless Otherwise Notified**

SDDOT Materials Laboratory, 104 S. Garfield  
Pierre, SD

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 or Fax to (605) 224-0134 or

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