

COURSE ANNOUNCEMENT

SDDOT BITUMINOUS TECHNOLOGY – ASPHALT CONCRETE HOT MIX TESTING

Class 1: Wednesday, January 9, 2019 (8:00 A.M.) – Friday, January 11, 2019 (12:00 Noon)

Class 2: Wednesday, January 30, 2019 (8:00 A.M.) – Friday, February 1, 2019 (12:00 Noon)

Class 3: TBD**

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

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

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

Asphalt Concrete Hot Mix Testing is a twenty (20) hour course for those who will be pursuing accreditation through the SDDOT QC/QA Asphalt Concrete Certification process for Marshall Method or Gyratory Controlled Mixtures (Superpave). 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 hot mix for asphalt concrete pavement projects constructed under the SDDOT QC/QA specification. This course is a prerequisite for ***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:

- Hot Mix Asphalt Properties and SDDOT Asphalt Concrete Acceptance Criteria
- Asphalt Concrete Sampling Procedures
- SDDOT Specimen Preparation (Marshall & Gyratory)
- SDDOT Mixture Specification and Testing Procedures
- Volumetric Parameter Determination for Asphalt Concrete
- SDDOT Test Procedure Demonstrations, Equipment & Calibration Overview
- SDDOT Mixture Specific Gravity Testing
- Calculating & Reporting Asphalt Concrete Mixture Properties
- Proctored written knowledge & skills test

Requirements:

- *Basic Math Skills, Calculator, Pencil(s)*
- *It is recommended, but not mandatory, for all SDDOT QC/QA Asphalt Concrete Certification applicants to have completed **SDDOT Bituminous Technology – Introduction to Asphalt**.*
- *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.*
- ***SDDOT Bituminous Technology – Asphalt Concrete Aggregate Testing is required.***
- Experience and knowledge of construction projects and processes.
- Materials testing experience should be obtained prior to completion of Laboratory Performance Testing.

Cost: \$250.00/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 & Gyratory)

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

REGISTRATION FORM

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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: \$250.00

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