

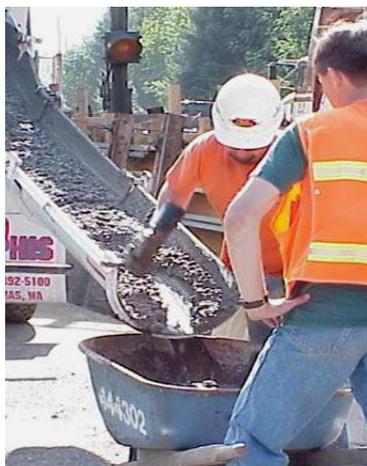
LEADERSHIP • COOPERATION • QUALITY

## The Western Alliance for Quality Transportation Construction

### JOIN OUR TEAM:

Our mission is to provide leadership to continuously improve the quality of transportation construction.

The WAQTC is comprised of the States of Alaska, Colorado, Hawaii, Idaho, Montana, Oregon, Utah, Washington, and the Western and Central Federal Lands Highway Division of the Federal Highway Administration.



By working together, WAQTC's volunteer

members can respond as a unified voice to identify quality improvement needs and new technologies that lead to better transportation products.

#### CONTACT WAQTC:

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### OUR FOCUS:

1. Standardizing WAQTC, AASHTO, and ASTM test methods
2. Certifying samplers and testers through the Transportation Technician Qualification Program TTQP
3. Working together on national programs of interest including research, training, and technology deployment TTQP

[waqtc.org](http://waqtc.org)

## BENEFITS of MEMBERSHIP

### AN ESTABLISHED AASHTO R 25 COMPLIANT TRAINING and QUALIFICATION PROGRAM:

23 CFR 637.209 b – Requires ‘all sampling and testing data . . . be executed by qualified sampling and testing personnel.’ Member agencies get a proven training and qualification program that meets the requirements of *AASHTO R 25, Standard Practice for Technician Training and Qualification Programs*. The original cost to develop the qualification program was \$143,000 in 1998. To develop a program like WAQTC today would be much more expensive and the cost of maintaining our program is shared by all members.

### PARTNERING to SHARE KNOWLEDGE and RESOURCES:

WAQTC member agencies work together to improve AASHTO specifications and procedures and ‘lessons learned’ are shared among the states. Each member agency contributes one representative to the Executive Board and one representative to the Qualification Advisory Committee (QAC), which means WAQTC member agencies receive the benefit of accumulated experience and agency perspective.

### STANDARD PRACTICE and TEST METHOD DEVELOPMENT:

WAQTC gives member agencies a strong and unified voice to influence national methods and practices. WAQTC has developed and consolidated individual state sampling and testing methods into regional methods, and then submitted and championed these standards through AASHTO. Many of the recent test methods adopted by AASHTO originated with WAQTC.

### QUALIFICATION RECIPROCALITY:

All member states recognize the qualifications of testers trained through a WAQTC Agency. This advantage provides a savings to consultants and contractors who work among the states as well as to the agency.

## HERE’S WHAT OUR MEMBERS SAY ABOUT WAQTC:



### Partnering through WAQTC provides a strong presence in the national materials arena and valuable resources to address state level challenges

“WAQTC has provided MDT with the means of complying with 23 CFR 637.209 for both our field and central office lab staff for over 20 years.

The reciprocal nature of the program has saved us time and effort for both our internal and consultant staff recruiting purposes. The materials that are produced by the Alliance are comprehensive and complete, all while taking into consideration all opinions from each member state. And while each

state contributes to the development of the training materials, the amount of time and resources it saves our DOT is significant. In more recent years, the efforts of WAQTC have been recognized on the national level and as such have driven updates and revisions for many AASHTO standards.

“On a personal note, the relationships I’ve formed with personnel from the other states have allowed for fruitful collaboration on everything from testing and acceptance of materials to overall contract administration and specification drafting. I highly recommend any state, especially those in the Western United States, to consider joining WAQTC and take advantage of all it has to offer.”

Ross “Oak” Metcalfe, P.E.

State Materials Engineer, Montana Department of Transportation

## WAQTC Accomplishments

### WAQTC: UP-TO-DATE AND PROGRESSING

WAQTC evaluates and updates its TTQP training and certification materials yearly for clarity, conciseness, consistency, content, and adherence to established requirements.

WAQTC has developed an *Operations Manual*, with growing content, to inform and assist committee members and member agencies.

### WAQTC AND THE AASHTO STANDARDS

12 AASHTO Standards published in 2019 were developed by WAQTC before being adopted by AASHTO.

40 revisions to AASHTO Standards in the last 8 years were proposed by WAQTC. Most notably a completely revised *T 209, Gmm of Asphalt Mixtures* and an *Annex to T 99 and T 180, Moisture-Density Relations of Soils* that replaced *T 224, Correction for Coarse Particles*.

