

MASONRY TESTING SEMINARS & CERTIFICATIONS November 2016 Herndon, Virginia

Presented by:



With the Support of:



The American Concrete Institute (ACI) in cooperation with The Masonry Society (TMS) and other industry organizations recently completed two new certification programs – the first for Masonry Field Testing Technicians and the second for Masonry Laboratory Technicians. The programs are intended to recognize qualified technicians performing various masonry tests, while helping to ensure testing is performed

properly. To help prepare testing technicians for the Certification Examinations, The Masonry Society will be offering two intensive educational review sessions, followed by ACI Certification Examinations:

- **Masonry Field Testing**
 - Tuesday, November 8 – Review Session
 - Wednesday, November 9 – Certification Examination
- **Masonry Laboratory Testing**
 - Thursday, November 10 – Review Session
 - Friday, November 11 – Certification Examination

The ACI Certification process is rigorous, and those taking the examinations should be familiar with the testing requirements as noted at:

<http://www.concrete.org/Portals/0/Files/PDF/MTT.pdf>

The Educational Review Sessions are excellent ways for new technicians, contractors, producers and engineers to learn about masonry test procedures, their basis, and proper ways to sample and test masonry materials. They also serve as excellent ways for experienced testing technicians to prepare for the Certification Examinations. They will not however be effective in teaching someone relatively new to masonry to be immediately ready to take the ACI Certification Examinations.

For the review sessions, instructors will review typical tests for masonry units, mortar, grout and assemblies including ASTM C140, C780, C1019, and C1314, and other important procedures, including those addressed by the ACI Certification Examinations. After the classroom portion of Review Sessions, a practical hands-on session will be offered so that attendees can observe, and in some cases try their hands at, specimen preparation and masonry testing.

These sessions are presented with the support of the American Concrete Institute National Capital Chapter and the National Concrete Masonry Association.

Approximate times are 8:00 AM – 4:00 PM for the review session and 7:30 AM – 4:00 PM for the certification examination. Session will be hosted at the NCMA Headquarters in Herndon.

For additional information on these Seminars and Certifications, contact TMS at 303-939-9700 or info@masonrysociety.org.

Masonry Tests to be Reviewed

Topics and tests include:

- Sampling & Testing CMU per ASTM C140
- Sampling & Testing Brick per ASTM C67
- Evaluation of Mortars using ASTM C780 (field) and ASTM C270 (lab)
- Sampling & Testing Grout using ASTM C1019
- Construction & Testing of Masonry Prisms using ASTM C1314
- Capping Masonry Specimens using ASTM C1552



Seminar Handouts

Those attending either Educational Review Session will receive a copy of the comprehensive set of Audience Notes that contain a printed copy of the PowerPoint Presentation to be used for the Review Sessions. This helpful handout reviews evaluation and testing procedures for masonry based on a number of ASTM Standards and industry recommendations. Those registering for one of the Certification Examinations will receive the ACI Reference Package which includes ASTM Standards addressed by the Certification Program.

Seminar and Examination Costs

Registration costs are shown on the attached registration form and are intended to offer a wide variety of opportunities for those who simply want education, versus those who only want to sit for a certification examination, while also offering a better value for those who may want to participate in both an educational review session and a certification examination. Registration for these sessions and examinations is extremely limited due to difficulty in providing adequate space for testing. Register soon to guarantee your spot.

Certificates of Attendance/ Continuing Education Credits

The Masonry Society will offer certificates of attendance that satisfy continuing education credits. Certificates will be emailed to attendees after the seminar.

Seminar Location

The National Concrete Masonry Association (NCMA) will be hosting these sessions at their headquarters and laboratory at 13750 Sunrise Valley Drive, Herndon, Virginia adjacent to the Dulles Toll Road.

Educational Review Seminar Instructors



Nicholas R. Lang, P.E. represents the National Concrete Masonry Association as its Director of Research and Development. In this capacity, he manages various projects for the Association, especially in areas of energy efficiency and sustainability. He also handles technical inquiries, provides oversight to the NCMA Research and Development Laboratory, assists with NCMA technical publications, and participates as staff liaison to NCMA task groups and subcommittees. Mr. Lang previously was the Manager of NCMA's Research and Development Laboratory.

Lang previously worked with ASTM International's Cement and Concrete Reference Laboratory, where, as a laboratory inspector, he traveled to testing laboratories and inspected their equipment, testing procedures, and quality manual documentation. He is a member of ASTM International Technical Committees C09 on concrete and concrete aggregates, C12 on mortars and grouts for unit masonry, and C15 on manufactured masonry units. He is the subcommittee chairman for C15.03 on Concrete Masonry Units. He is Chairman of TMS's Certification Committee.

Phillip J. Samblanet, P.E. is the Executive Director of The Masonry Society and he will assist with instruction and serve as the Examiner for the Certification Program.

Samblanet is a structural designer and inspector by training. He has extensive background in masonry design, construction, and inspection both in practice and as an educator. Samblanet serves on the ICC/TMS Special Masonry Special Inspector's Examination Committee, and a variety of ACI committees including the one focused on masonry testing.

Shipping of Review Materials

The ACI Certification Examinations are rigorous, and those taking the examinations must be well acquainted with the test methods and the ASTM Standards addressed if they hope to pass the examinations. It is strongly recommended that those taking the examinations order the ACI "Masonry Field Technician and Masonry Laboratory Testing Technician Technical Workbook" (see below for shipping information) to begin studying for the Certification Examination well in advance of these sessions.

Register by using this form (Please type or print neatly) and fax, email (info@masonrysociety.org) or mail to The Masonry Society

<p>Name: _____</p> <p>Institution/Company: _____</p> <p>Address: _____</p> <p>City/State/Postal Code: _____</p>	<p>Badge Name: _____</p> <p>Phone: _____</p> <p>Fax: _____</p> <p>Email: _____</p>
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Registration Fees: Check the box for sessions you would like to attend (Final Registration Date: October 10, 2016)

- Tuesday, November 8 – Masonry Field Testing Review Session - includes a full day of instruction, a comprehensive set of Audience Notes, a practical review session, refreshment breaks (not including lunch), and certificate of attendance: \$550*
- Wednesday, November 9 – Masonry Field Testing Technician Certification Examination: \$400
- Attend both the Masonry Field Testing Review Session and Certification Examination and save \$200! Total fee: \$750**

- Thursday, November 10 – Masonry Laboratory Testing Review Session - includes a full day of instruction, a comprehensive set of Audience Notes, a practical review session, refreshment breaks (not including lunch), and certificate of attendance: \$550*
- Friday, November 11 – Masonry Laboratory Testing Technician Certification Examination: \$400
- Attend both the Masonry Laboratory Testing Review Session and Certification Examination and save \$200! Total fee: \$750***

- Shipping of Review Materials?** If you would like the ACI "Masonry Field Technician and Masonry Laboratory Testing Technician Technical Workbook" to begin studying for the Certification Examination check the box to the left. A shipping and handling fee of \$20 will be charged to you and the book will be shipped when available.

- Check if the Attendee holds a current ACI Concrete Field Testing Technician – Grade 1 Certification
- Check if the Attendee holds a current ACI Concrete Strength Testing Technician Certification

*TMS Members are eligible for discounts. Call TMS for details.

Payment

- Invoice me (TMS Members only)
- Check enclosed (payable to The Masonry Society)
- Charge: AmEx, Discover, MasterCard or VISA (Please circle)

Account No. _____

Expiration Date: _____ Security Code: _____

Name on Card: _____

Billing Address (if different from above): _____

Signature _____

Cancellation requests must be submitted via e-mail to tmsmeetings@masonrysociety.org or by calling the TMS office at 303-939-9700. Cancellation requests will be accepted without penalty up to 10 business days prior to the event. Cancellation requests received between 3 and 10 business days prior to the event will be refunded in full less a \$75 administrative fee AND no publications will be sent. No refunds will be given for cancellations received 3 days prior to the event or for "no shows". Publications and handouts will be sent upon request.

TMS retains the right to cancel the seminar up to, but not later than, 2 weeks prior to the seminar. The seminar may be cancelled for any reason, including, but not limited to, inadequate registration, damage of the meeting locale, or illness of speakers. In the event the seminar is cancelled, registration fees will be returned.

