



Pennsylvania Aggregates and Concrete Association



Concrete Strength Testing Technician Certification Exam Registration

August 17, 2021

*Camp Hill &
Mechanicsburg, PA*

*Class size
is limited.*

Where is the testing facility located?

WRITTEN EXAM LOCATION

Radisson Hotel Harrisburg
1150 Camp Hill Bypass, Camp Hill, PA 17011

PERFORMANCE EXAM LOCATION

Barry Isett & Associates
2 Market Plaza Way, Suite 7, Mechanicsburg, PA 17055

What is a Concrete Strength Testing Technician?

A Concrete Strength Testing Technician is an individual who has demonstrated the knowledge and ability to perform, record and report the results of four basic ASTM laboratory procedures related to the determination of concrete compression and flexural strength.

What are the ASTM laboratory procedures required for the exam?

A Concrete Strength Testing Technician should be able to perform, record and report the results of the following ASTM laboratory procedures:

- ASTM C1231/C1231M - Unbonded Caps for Concrete Cylinders
- ASTM C617 - Capping Cylindrical Concrete Specimens
- ASTM C39/39M - Compressive Strength of Cylindrical Concrete Specimens
- ASTM C78 - Flexural Strength of Concrete

What are the criteria for this certification?

ACI requires the successful completion of both a written and a performance examination. No certifications will be granted without successfully completing both exams. ACI will grant certification to examinees who successfully complete both exams within a one (1) year period.

No specific education or work experience is required as a prerequisite for this exam.

Certification is valid for a period of five (5) years from the date all certification requirements are completed.

What is the schedule for exam day?

Examinees should arrive at the WRITTEN EXAM location by no later than 7:00 AM for a prompt starting time of 7:30 AM.

7:30 AM - Introductions

7:45 AM - Written Test Review

10:00 AM - Break

10:15 AM - Complete Test Paperwork and Q & A

10:30 AM - Written Exam

11:30 AM - Boxed Lunches provided, then proceed to performance exam location

12:30 PM - Practical Exam

What should one do to prepare for the exam?

Be sure to review the entire ACI workbook and complete all study questions at the end of each chapter.

Our examiners suggest that you should read and review each section including the review questions, 2 to 3 times before the exam.

Attendees should have a working knowledge of, **and experience with**, all of the testing methods that will be covered. Practicing these proficiencies prior to performance examination is strongly suggested.

Please note that, while ACI has provided all measurements and calculations in both standard US and metric versions, you need only to study the standard US format.

What are the COVID-19 protocols that will be followed during the exam?

- All attendees are requested to self-assess their health prior to arriving at the exam site.
- All attendees will have their temperatures taken upon arrival at the exam site and will be required to complete a COVID-related questionnaire, which will be signed and returned to the PACA registration desk. Those having a temperature above the recommended CDC guideline will be asked to leave the exam site promptly.
- Individuals who self-certify they are fully vaccinated (i.e., at least two weeks have passed since their final vaccine dose) are NOT REQUIRED to wear a mask or face shield throughout the entire exam.
- Individuals who are required to wear a mask but refuse will be asked to leave the exam site.
- Social distancing will be observed, as appropriate, onsite.
- Host facilities may require additional restrictions over and above the PACA COVID-19 Protocols. If at any time you are uncomfortable during the exam, please see our instructor privately onsite.

What does an examinee need to bring with them to the exam?

An examinee should bring the following materials to the exam:

- Drivers license or photo ID (must be presented at the time you check in at the testing facility)
- ACI Concrete Strength Testing Technician Workbook
- Two #2 pencils
- Face mask or face shield
- One simple function calculator (The use of programmable calculators during exams is prohibited & examinees MAY NOT share calculators.)
- Notebook or note paper
- A 6" x 8" concrete beam
- Two (2) 4" x 8" concrete cylinders

Cell phones/Smartphones must be turned off and not accessible for the duration of the exam.

For the practical exam, participants should bring:

- Safety glasses
- Hard hat
- Gloves
- Boots (preferably steel toes)

NOTE: Exams may be conducted orally if necessary. Requests to receive an oral exam due to reading disabilities or physical limitations must be made in writing to Kallie Kline at kallie@pacaweb.org.

Additional Need to Know Information

- At time of registration, you received an email confirmation that includes important information included regarding your exam - please review thoroughly as it contains all the ASTM standards that you need to know for this exam. Hardcopies of these standards are not provided.
- Once the workbooks ship from the PACA office, they become the property of the recipient and may not be returned for a refund.
- Registrants with a disability or requiring special accommodations should email Kallie Kline at kallie@pacaweb.org to request assistance at least one week prior to exam date.

Cancellation / Transfer Policies

- There will be a \$115.00 fee charged for cancellations received. Substitutions welcome.
- No refunds will be honored for failure to attend an exam date for full certifications and retests.
- Substitutions are accepted free of charge.

- Cancellation requests must be made in writing to Kallie Kline at kallie@pacaweb.org. Phone cancellations will not be accepted.

Attendee Policies

- We reserve the right to dismiss any registrant for disruptive behavior toward the instructor and/or other participants. Registrants dismissed for disruptive behavior are not eligible for a refund of their registration fee and will be reported to their employer.
- The registrant of this certification voluntarily assumes the risk of injury to themselves which may result from the training, testing or demonstration and releases and discharges PACA, the facility providing the training, testing or demonstration site and the provider of the training, testing or demonstration from all claims or liability by participant resulting therefrom.

Certification Policies / Information

Per the American Concrete Institute (ACI), certification is unique to the individual who participates in, and passes, both the written and performance exam - REGARDLESS OF WHO PAYS FOR THE EXAM. The certification number assigned and certification card distributed belong SOLELY to the individual who presents their photo ID, upon their successful passing of both exams. A company or other individual may not claim this certification in any way.

To verify a certification, visit:

<http://www.concrete.org/Certification/VerifyACertification.aspx?d=Ask>

Answers to the following questions are available on ACI's website: <http://www.concrete.org/Certification/CertificationFAQs.aspx>

- Replacing a lost/damaged certification card
- What to do if a certification card has not been received
- Are you certified? - see link above
- Length of time it will take to receive exam results
- What to do if you fail either the written and/or the performance exam
- Information on your ID number
- Your certification expiration date

For more information, contact the American Concrete Institute at (248) 848-3790.



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www.pacaweb.org www.specifyconcrete.org