



CONCRETE STRENGTH TESTING TECHNICIAN CERTIFICATION EXAM

WRITTEN EXAM LOCATION

Courtyard by Marriott
Harrisburg West/Mechanicsburg
4921 Gettysburg Road
Mechanicsburg, PA 17055



PERFORMANCE EXAM LOCATION

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



DATE

Please check PACA's Calendar of Events
for the latest exam date



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.

STANDARDS

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

This program is intended as a review in preparation for certification testing. It is not for instructional purposes.

Brought to you by:



CERTIFICATION CRITERIA

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.

COMPLETE SCHEDULE

7:00 AM - Arrival/check in

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



Cell phones must be turned off and are prohibited during the exam

WHAT TO BRING WITH

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
- 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 6" x 21" concrete beam
- Two (2) 4" x 8" concrete cylinders



WRITTEN EXAM

YOU TO THE EXAM

PERFORMANCE EXAM



For the practical exam, participants should bring:

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



WWW.PACAWEB.ORG
WWW.SPECIFYCONCRETE.ORG

BEFORE THE EXAM

PREPARING FOR THE EXAM:

- Review the entire ACI workbook (included in your registration fee)
- Complete all study questions at the end of each chapter
- Instructors suggest doing the first two above at least 2-3 times
- 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.

NOTE:

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.

IMPORTANT:

- If you did not personally register yourself for the exam, please ask your registration contact for a copy of the email confirmation received upon registering to access ASTM standards.
- Thoroughly review your information in the email confirmation to make sure everything is correct.

CONTACT:

Contact Tricia Lingenfield at tricia@pacaweb.org to request to have your written exam conducted orally.

DURING THE EXAM

SCHEDULE:

- Please plan to arrive at the exam site by no later than 7:15 AM to allow time for check in before the review begins.

ARRIVAL AT THE EXAM SITE:

- You will be asked to show a photo ID / driver's license.
- You will be asked to sign a form used to authorize the release of your exam scores and resulting certification status directly to a party other than yourself, such as your employer.

ITEMS TO BRING / REMINDER:

- Please be sure to have all the items noted on previous page with you.

AFTER THE EXAM

ROLE OF PACA & OUR INSTRUCTORS:

- We simply administer & proctor the exam.
- We DO NOT score the exam, send out certificates or cards, replace lost cards, etc. This is all handled by staff at the ACI headquarters in Michigan.

VERIFYING THE STATUS OF YOUR EXAM RESULTS:

- Allow 2-4 weeks for ACI to process and score exams.
- Visit ACI's website at

<https://www.concrete.org/certification/verifycertification.aspx?d=Ask>

- OR, download ACI's verify certification app. Download instructions can be found via the link above.

CONGRATS, YOU PASSED - NOW WHAT?

- This certification is unique to the person who took the exam and DOES NOT belong to the company who paid for it.
- Certification records (certificate, etc.) are provided directly to YOU, the examinee. It is your responsibility to provide this information to your employer. ACI will not provide this information to them unless a consent form has been signed
- Recertification is every 5 years & requires successful completion of the exam once again.

UNFORTUNATELY YOU FAILED - NOW WHAT?

- ACI allows one year from the original date that you took the exam to retake it to pass. You may retake it as many times as needed within that one-year timeframe.
- Please contact PACA if you need a testing date to retake your exam.

CANCELLATIONS

FOR CANCELLATIONS:

All registration fees, minus the cost of the workbook/shipping (\$135) already received, will be refunded. Retest cancellations are subject to a \$100 refund.

Cancellation requests must be made in writing to kallie@pacaweb.org.

FAILURE TO ATTEND AN EXAM WITHOUT MAKING A NOTICE OF CANCELLATION:

No refunds will be provided for no shows.

CANCELLATION REQUESTS MUST BE PROVIDED IN WRITING BY EMAIL TO [KALLIE@PACAWEB.ORG](mailto:kallie@pacaweb.org). TELEPHONE REQUESTS CANNOT BE ACCEPTED.

SUBSTITUTIONS ARE ALWAYS WELCOME WITHIN THE SAME EXAM DATE AND SHOULD BE REQUESTED IN WRITING TO [TRICIA@PACAWEB.ORG](mailto:tricia@pacaweb.org).

PACA reserves 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.

PACA reserves the right to charge appropriate registration fees based on membership status, late date registration, cancellation and transfer policies.

PACA is not responsible for an exam failure based on lack of study time or preparation by registrant.

PACA reserves the right to cancel or reschedule exams or to assign attendees to a different exam in order to comply with COVID-19 related orders, directives or guidance, or in the event that it deems such changes necessary for the protection or best interest of its attendees.

TRANSFERS

TRANSFERRING FROM ONE EXAM DATE TO ANOTHER:

Transferring from one exam date to another within ten (10) days of your original exam date is subject to a \$100 transfer fee and is based on availability of seats in your requested date.

Fee must be paid via credit card at time of invoicing.

It is the responsibility of either your company or yourself to obtain a copy of the book from the original registrant or to purchase a new book for your replacement. A new book will not be shipped to a substitute.

Transfer requests must be submitted in writing to tricia@pacaweb.org.

Transfers from one exam year to another are prohibited. If you cannot make your exam in the current year, you will be issued a refund based on the refund policy.



POLICIES

ONCE SHIPPED, WORKBOOKS BECOME THE SOLE POSSESSION OF THE PAYEE/ATTENDEE AND MAY NOT BE RETURNED TO PACA FOR A REFUND.



WHO TO CONTACT?



CONTACT PERSON: TRICIA LINGENFIELD

- If you have questions regarding registering for an exam or need to set up a log in password to receive the PACA member rate
- If you need special accommodations to complete your exam
- If you need to make a substitution for the exam attendee
- If you need to schedule a retest
- If you need information on additional exams offered by the Association

CONTACT PERSON: KALLIE KLINE

- If you need to cancel or transfer to another exam date
- If you need to purchase an additional copy of the workbook
- If you have questions regarding payment or anything financially related

CONTACT PERSON: KEN CRANK, INSTRUCTOR

- If you have specific questions regarding exam content
- If you are having issues finding the exam site the day of your exam

WHO IS PACA?

The Pennsylvania Aggregates & Concrete Association, based in Harrisburg, PA, is the leading voice for the crushed stone, ready mixed concrete, sand and gravel, and cement industries' community. PACA safeguards these industries from common threats, expands market opportunities, trains a productive workforce, educates and communicates the value of construction materials to the Commonwealth, and serves as the gathering for industry stakeholders.



CONTACT: CERTIFICATION DEPARTMENT

- If you need to replace a lost or damaged certification certificate or card
- To verify if you are certified
- Request your certification number
- Ascertain your certification expiration date
- To learn the specific areas of the exam that you may have failed



248.848.3790



CONTACT INFORMATION

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