



AMERICAN CONCRETE INSTITUTE

# CONCRETE FIELD TESTING TECHNICIAN

GRADE I CERTIFICATION EXAM

## Registration Information



The following pages provide important information on the exam criteria, exam locations, exam materials and more.

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

### Please review this brochure carefully and completely

to help you prepare for your exam, review testing procedures and a list of items to bring to the exam, plus, how to verify your certification after the exam.

#### Test Procedures:

ASTM test procedures covered include:

- C1064/C1064M—Temperature of Freshly Mixed Hydraulic-Cement Concrete
- C172/C172M—Sampling Freshly Mixed Concrete
- C143/C143M—Slump of Hydraulic-Cement Concrete
- C138/C138M—Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete
- C231/C231M—Air Content of Freshly Mixed Concrete by the Pressure Method
- C173/C173M—Air Content of Freshly Mixed Concrete by the Volumetric Method
- C31/C31M—Making and Curing Concrete Test Specimens in the Field



#### Written Exam

Timed one-hour exam, closed book, 55 multiple-choice questions, 5 to 10 questions on each ASTM test methods/practices.



#### Performance Exam

Closed book, requiring actual demonstration of 6 of the required test methods/practices, plus a verbal description of practice C172/C172M (sampling).



#### To Pass

Written exam - at least 60% correct for each of the test methods/practices AND a minimum score of 70%. Performance exam - ability to perform and/or describe all the required steps for each method.



Pennsylvania Aggregates & Concrete Association  
Headquarters Location (NOT A TEST SITE)  
2040 Linglestown Rd., Suite 204  
Harrisburg, PA 17110

## BEFORE the exam

## DURING the exam

## AFTER 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
- Practicing the methods in the performance exam is highly recommended

### Additional Review:

- A review video link will be provided to each registrant
- Video links describing the performance exam test methods will be provided as well
- Complete the practice test (a bonus included in your fee) and bring it with you the day of your exam

### Registration Process:

- Complete and return the registration form by email to Kallie Kline at [kallie@pacaweb.org](mailto:kallie@pacaweb.org)
- Register as EARLY as possible as class size is limited to 20 people per exam date/location
- Allow plenty of time to study, so the earlier you register, the better
- Registration closes 3 days prior to exam date
- Keep a copy of registration form for your records
- Allow 5-7 business days to receive your confirmation email

### Contact the Kallie Kline at [kallie@pacaweb.org](mailto:kallie@pacaweb.org) to:

- Request to have your written exam conducted orally
- Request options for any disabilities during the performance exam

### Arrival at Exam Site:

- Your temperature will be taken per COVID-19 protocol
- You will be asked a series of COVID-19 protocol questions
- You will be asked to present a photo ID/driver's license
- The schedule of the day will be as follows:

7:00 AM - Registration / COVID-19 protocols

7:30 AM - Overview of test materials

10:30 AM - Timed written exam

11:30 AM - Lunch provided

- All will be divided into groups to conduct the performance exam

Noon - Group 1

1:00 PM - Group 2

2:00 PM - Group 3

3:00 PM - Group 4

### Items to be Brought with You to the Exam:

- For your safety and the safety of others, all attendees will be required to wear a mask or face shield throughout the exam
- Photo ID or driver's license
- ACI Concrete Field Testing Technician - Grade I workbook
- Completed practice exam
- A simple function calculator
- Note paper
- Safety glasses, hard hat, gloves and steel toe boots

\*Cell phones must be turned off and are prohibited during exam

### Role of PACA & our Instructors

- Simply to administer and proctor exam
- They DO NOT score the exam, distribute certificates or cards - ACI main headquarters in Michigan handles these procedures

### To Verify Pass / Fail of Exams

- Allow 2-4 weeks for ACI to process and score exams
- Visit ACI's website at <https://concrete.org/certification/verifyacertification.aspx?d=Ask>
- OR, download ACI's verify certification app - <https://apps.apple.com/us/app/aci-certification-verify/id1467421101?ls=1>

### So, You Passed, Now What?

- Per ACI, the certification is unique to the person who took the exam and DOES NOT belong to the company who paid for it
- Certificates and certification cards are distributed SOLELY to the examinee only
- Recertification is necessary every 5 years and requires successful completion of both the written and performance exam again

### Unfortunately You Failed a Portion of the Exam, Now What?

- ACI allows one year from the original date to retake the exam(s) and you may retake them as many times as you need to in that year timeframe
- PACA offers retest options, so please check our website for information

NOTE: while ACI has provided all measurements & calculations in both standard US & metric versions, you only need to study the standard US format.

# REGISTERING FOR YOUR EXAM

Complete the fillable PDF form, one copy for each registrant, and email it to Kallie Kline at [kallie@pacaweb.org](mailto:kallie@pacaweb.org).

An applicant's seat in an exam is not guaranteed until full payment is received.

Registration materials will not ship until full payment is received.

Study materials are shipped via FED EX, so please do not use a PO Box address. Shipment typically takes 3-5 days, so allow plenty of time for studying.

Please allow 5-7 business days to receive your email confirmation upon submission of form.

Registration closes 3 days prior to exam date.

Late registration fee applies 14 business days prior to exam date.

Checks made payable to PACA may be mailed to:

PACA  
Attn: Kallie Kline  
2040 Linglestown Road, Suite 204  
Harrisburg, PA 17110



PACA strictly adheres to the policies and protocols of the CDC, the Pennsylvania Governor's office and the Pennsylvania Department of Health.

Current exam protocols are subject to change based on changes to guidances provided by the above.

Complete ALL sections of the registration form, including where study materials should be shipped - NOTE, no PO Box addresses, please.

Be sure to include a VIABLE email address for confirmation, review links, exam information. Any change or cancellations to the exam will be announced via email.

EVEN if you plan to pay by check, please email a copy of the registration form to [kallie@pacaweb.org](mailto:kallie@pacaweb.org) in advance to hold your seat.

Payment may be made by:

- Check made payable to PACA
- Visa, MC, Discover or American Express
- Electronic check (works like an ACH credit)

Payment instructions for CREDIT CARD and/or E-check will be provided in the email confirmation.

Membership in ACI *DOES NOT* apply to the member / non-member rate. The registrant's company must be a member of the Pennsylvania Aggregates & Concrete Association for member rate to apply.

PACA reserves the right to charge the appropriate registration fee based on membership status and/or date of registration receipt.

Cancellation and transfer fees / policies will be strictly enforced.



# POLICIES



## CANCELLATIONS

### For cancellations received 14 days or more before exam date:

All registration fees, minus the cost of the workbook (\$115) already received, will be refunded. Retest cancellations are subject to a \$115 refund.

### For cancellations received less than 14 days before exam date:

All registration fees, minus a cancellation fee of \$130, will be refunded. Retest cancellations are subject to an \$80 cancellation fee.

### 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 at [kallie@pacaweb.org](mailto:kallie@pacaweb.org).

## TRANSFERS

### Transferring from one exam date to another:

Transfer from one exam date to another are subject to a \$75 transfer fee and are based on availability in new date.

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

Transfer requests must be submitted in writing to [kallie@pacaweb.org](mailto:kallie@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.

## ATTENDEES

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.

Registrants with a disability or requiring special accommodations should email Kallie Kline at [kallie@pacaweb.org](mailto:kallie@pacaweb.org) to request assistance at least ONE (1) week prior to the exam date.

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.



If you have any additional questions, please contact PACA's Director of Member Services, Kallie Kline, at [kallie@pacaweb.org](mailto:kallie@pacaweb.org).

## CONTACT INFO

### Contact ACI to:

Replace a lost/damaged certification card

Verify if you are certified

Request your certification number

Ascertain your certification expiration date

### Contact PACA to:

Schedule your retest if you fail an exam

Ask a question regarding an exam location

Request a cancellation or transfer

Find out information on other PACA certifications offered

# ACI

Email: n/a



[kallie@pacaweb.org](mailto:kallie@pacaweb.org)

<https://www.concrete.org>



<https://www.pacaweb.org/certification-exams>

American Concrete Institute  
38800 Country Club Drive  
Farmington Hills, MI 48331



Pennsylvania Aggregates & Concrete Assn.  
2040 Linglestown Road, Suite 204  
Harrisburg, PA 17110

(248) 848.3790



(717) 234.2603

# PACA

## CONTACT INFO