



AMERICAN CONCRETE INSTITUTE

# CONCRETE FIELD TESTING TECHNICIAN

GRADE I CERTIFICATION EXAM

Exam Date: 12/10/2020  
Location: Harrisburg, PA



The following pages provide important information on the exam criteria, exam location, 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
- Our 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

### 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

### Required to attend:

- Sign and return the COVID-19 waiver form included in your confirmation email to [kallie@pacaweb.org](mailto:kallie@pacaweb.org).

### 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.

# The Most Important Information You Need for Exam Day



## Your Exam Location

**11, 2020**  
~~December 10, 2020~~



### WRITTEN EXAM

~~Cleveland Brothers Equipment Company, Inc.  
Second Floor Conference Room  
5300 Paxton Street  
Harrisburg, PA 17105~~



### PERFORMANCE EXAM

Pennsy Supply, Inc.  
1001 Paxton Street  
Harrisburg, PA 17104

**Written exam is now scheduled to be held at Pennsy Supply, Thea Drive office.**



## Report Time **7:00 AM**

- Upon arrival, your temperature will be taken and you will be asked to complete a COVID-19 exposure questionnaire.



## Checklist The following items should be brought with you to the exam:



For your safety & the safety of our attendees, instructors & proctors; face masks or face shields are required during the exam.



Driver's License or other form of photo ID



ACI Concrete Field Testing Technician - Grade I Workbook



Two #2 pencils



One simple function calculator. The use of programmable calculators during exam is prohibited



Notebook or note paper



Your completed practice exam

**Don't forget to return your waiver form to Kallie Kline by email before your exam!**



Safety glasses



Gloves



Boots (preferably steel toes)



Hard hat



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



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.

# POLICIES



Cancellation requests must be provided in writing by email to [kallie@pacaweb.org](mailto:kallie@pacaweb.org).

Telephone requests cannot be accepted.



## 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.

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

# CONTACT INFO

Email: n/a



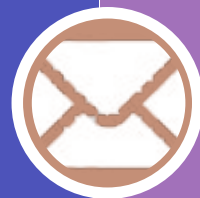
kallie@pacaweb.org

<https://www.concrete.org>



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

American Concrete Institute  
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Farmington Hills, MI 48331



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