AMERICAN CONCRETE INSTITUTE

CONCRETE FIELD TESTING TECHNICIAN

GRADE I CERTIFICATION EXAM

Location - Wilkes-Barre, PA

Exam Dates - April 6-7, 2022

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.

PACA

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

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
- Practicing the methods in the performance exam is highly recommended
- A review video link was provided in your registration email confirmation. Please review this video.
- Copies of the ASTM standards were included in your registration email confirmation
- Complete the practice test (a bonus included in your fee) and bring it with you the day of your exam

Important:

- If you did not personally register to attend the exam, please ask your registration contact for a forwarded copy of the email confirmation sent after registering
- This includes your review video link and the ASTM standards

Contact the Kallie Kline at kallie@pacaweb.org to:

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

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

DURING the exam

Arrival at Exam Site:

- You will be asked a series of COVID-19 protocol questions
- You will be asked to present a photo ID/driver's license

Schedule:

Day One - Report to the **WRITTEN EXAM LOCATION** as follows:

7:30 AM - Registration

8:00 AM - Full review of materials

Noon - Lunch (provided)

1:00 PM - One-hour timed written exam

After exam: Practice session for performance exam - held at the discretion of the instructor.

Day Two - **PERFORMANCE EXAM**:

Each person will be assigned a time to return on Day Two for the performance exam at its scheduled location.
Start time is at the discretion of the instructor. Please note that lunch is not provided on Day Two.

Items to be Brought with You to the Exam:

- For your safety and the safety of others, all attendees will be required to follow the latest COVID-19 protocols listed on our website
- 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

AFTER the exam

Role of PACA & our Instructors

- Simply to administer and proctor exam
- We 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

Questions on exam content?
Contact PACA's Director of Concrete Promotion & Certifications, Ken Crank, at ken@pacaweb.org.

The Most Important Information You Need for Exam Day

Your Exam Location

WRITTEN EXAM
April 6, 2022

Holiday Inn Wilkes Barre - East Mountain
600 Wildflower Drive
Wilkes-Barre, PA 18702

PERFORMANCE EXAM
April 7, 2022

Centre Concrete Northeast, LLC
117 Armstrong Road
Pittston, PA 18640

Report Time 7:30 AM

- Upon arrival, 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; please review the current COVID-19 protocols listed on our website.

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

- 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 complete your practice test prior to attending your exam.

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 and are listed in our website - www.pacaweb.org

POLICIES

CANCELLATIONS

For cancellations received 14 days or more before exam date:

All registration fees, minus the cost of the workbook ($120) already received, will be refunded. Retest cancellations are subject to an $80 refund.

For cancellations received less than 14 days before exam date:

All registration fees, minus a cancellation fee of $150, will be refunded. Retest cancellations are subject to a $100 refund.

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.

Telephone requests cannot be accepted.

Substitutions are always welcome WITHIN THE SAME EXAM DATE and should be requested in writing at kallie@pacaweb.org.

Once shipped, workbooks become the sole possession of the payee/attendee and may not be returned to PACA for a refund.

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.

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 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.

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.

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

If you have any additional questions regarding registration, please contact PACA's Director of Member Services, Kallie Kline, at kallie@pacaweb.org.

CONTACT INFO

ACI		PACA
Email: n/a		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

A review video link was provided to you via your registration confirmation email. If you did not receive access to this video link, please contact the person who registered you to take this exam.

REMINDER

https://www.youtube.com/watch?v=BbcFSTehwfM&t