

ACI Concrete Strength Testing Technician Concrete Aggregate Testing Technician

STRENGTH TESTING TECHNICIAN

OVERVIEW

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

SUMMARY

The program requires a working knowledge of the following ASTM Standards:

- C617 - Capping Cylindrical Concrete Specimens
- C1231 - Unbonded Caps for Concrete Cylinders
- C39 - Compressive Strength of Cylindrical Concrete Specimens
- C78 - Flexural Strength of Concrete

REQUIREMENTS

ACI will grant certification only to those applicants who meet both of the following requirements: 1) A passing grade on the ACI written examination; and 2) Successful completion of the ACI performance examination. The one-hour closed book written examination consists of approximately 40 multiple choice questions. There are at least 8 questions on each of the ASTM Standards. To pass the written examination, both of the following conditions must be met: (a) at least 60% correct for each of the required standards; and (b) a minimum score of 70% overall. The performance examination is also closed book and requires actual demonstration of the required ASTM Standards. The examinee is judged on his/her ability to correctly perform or describe all of the required procedures for each standard.

Recertification is necessary every six (6) years, and requires successful completion of both the written and performance examinations.

AGGREGATE TESTING TECHNICIAN LEVEL I

OVERVIEW

The Concrete Aggregate Testing Technician is an individual who has demonstrated the knowledge and ability to properly perform, record, and report the results of basic field and laboratory procedures for aggregates.

SUMMARY

The program requires a working knowledge of the following AASHTO/ASTM Standards:

- T2/D75 Sampling Aggregates
- T248/C702 Reducing Samples of Aggregate to Testing Size
- T11/C117 Materials Finer than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing
- T27/C136 - Sieve Analysis of Fine and Coarse Aggregates
- T85/C127 - Specific Gravity and Absorption of Coarse Aggregates
- T84/C128 - Specific Gravity and Absorption of Fine Aggregates
- T255/C566 - Total Moisture Content of Aggregate by Drying
- T21/C40 - Organic Impurities in Fine Aggregate for Concrete

REQUIREMENTS

Certification will be granted to those who pass the ACI written examination and successfully complete the ACI performance examination.

The two-hour written examination is "open book" and consists of approximately 100 multiple-choice questions. There are 8 to 12 questions on each standard.

The performance examination is "closed book" and requires actual demonstration of the required standards. The examinee is judged on the ability to correctly perform or describe all of the required procedures for each standard.

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REGISTRATION FORM

Complete one form for each individual you wish to register.

Name _____

Company _____

Address _____

City _____ State _____ ZIP _____

Phone _____

Fax _____

Email _____

REGISTRATION FEE

The registration fee includes workbook, written and performance examinations and lunch the day of the training. Please → **Check a program and date:**

Chapter Member Fee:

- Strength Testing Technician \$310
- Aggregate Testing Technician \$335
- Retest (written or performance) \$145

Chapter Non-Member Fee:

- Strength Testing Technician \$410
- Aggregate Testing Technician \$435

Full-Time Student Fee: (12+ credits)

- Strength Testing Technician \$150
- Aggregate Testing Technician \$160

Copy of current student id and course registration must accompany certification registration.

DATES

Strength

- February 27-28, 2012
- April 19-20, 2012
- June 18-19, 2012
- October 18-19, 2012

Aggregate

- April 12-13, 2012
- September 24-25, 2012
- December 13-14, 2012

PAYMENT METHOD

Check or Money Order

(Payable to ACI Intermountain Chapter) Mail registration form and check or money order to:

ACI Intermountain Chapter
P.O. Box 95622, South Jordan, UT 84095
director@aciintermountain.com

Credit Card

- VISA MasterCard Discover Am. Express

Card No. _____

Expiration Date _____ CVV # _____

Name on Card (print) _____

Credit Card Billing Address _____

Signature _____

CERTIFICATION REQUIREMENTS

WRITTEN EXAM:

ACI will grant certification only to those applicants who meet both of the following requirements:

- 1 A passing grade on the ACI written examination;
- and*
- 2 Successful completion of the ACI performance examination.

To pass the written examination, both of the following conditions must be met:

- A. At least 60% correct for each of the required standards; and
- B. A minimum score of 70% overall.

PERFORMANCE EXAM:

The performance examination is closed book and requires actual demonstration of the required ASTM Standards. The examinee is judged on his/her ability to correctly perform or describe all of the required procedures for each standard.

Recertification is necessary every five (5) years, and requires successful completion of both the written and performance examinations

WHAT TO BRING

Cancellation Policy All notifications must be submitted in writing. Up to seven (7) days prior to the scheduled class, you may cancel and receive half the fee back, or reschedule at no extra charge for a future class. You may substitute another person to take your place if unable to attend. If you do not notify ACI and do not show up to the scheduled class, you will receive no money back. If you contact ACI late and wish to reschedule for the next class, there will be a \$50.00 rescheduling fee.

I agree and understand the above requirements and cancellation policy.

- Picture ID
 - A No. 2 pencil
 - Workbook you received at registration
 - Work attire is recommended
- If you have a disability that may impact your participation in this activity, please check here and append a statement regarding your disability-related needs. Someone will contact you prior to the program to discuss accommodations. We cannot assure the availability of appropriate accommodations without prior notification of need.