



Rocky Mountain Chapter - American Concrete Institute 2017 ACI/CRSI Adhesive Anchor Installer Certification Information

CERTIFICATION OVERVIEW

An Adhesive Anchor Installer is an individual who has demonstrated the ability to read, comprehend, and execute instructions to properly install adhesive anchors in concrete. The Adhesive Anchor Installer must also demonstrate possession of the knowledge to properly assess ambient conditions, concrete conditions, materials, equipment, tools for installing adhesive anchors and determine when it is appropriate to proceed with installation of an adhesive anchor or when additional guidance from a supervisor/foreman/project engineer is needed. **This certification is intended for individuals who are already familiar with or have experience with installing adhesive anchors.**

SCOPE OF KNOWLEDGE REQUIRED

The program requires knowledge and ability in the following areas of adhesive anchor installation:

- Understanding jobsite conditions relevant for correct selection of installation procedures in accordance with manufacturer's instructions (e.g., concrete wetness, hole drilling method used, possible embedded obstructions, and air and concrete temperature)
- Understanding the manufacturer's instructions (pictograms, text) and using the proper procedures, sequence, and tools to clean the hole
- Proper selection and assembly of the injection equipment
- Awareness of the potential impact of storage conditions and verification of the expiration date on the cartridge
- Rejection of the initial adhesive expressed from new cartridges as applicable and proper procedures followed for disposal of rejected/waste adhesive/used nozzles and cartridges
- Injection of adhesive into holes at various orientations to the proper depth using proper technique and equipment that minimizes air voids
- Correct assembly of anchor element in drill chuck and drill settings for capsule anchor installation
- Recognition of time limits for installation and positioning of anchor element (i.e., gel time) depending on type of adhesive, ambient conditions, and size/depth of anchor hole
- Installation of the anchor element in accordance with manufacturer's instructions
- Knowledge of proper measures for protection of anchor element threads from adhesive
- Knowledge of measures to secure and protect the anchor element from load/movement during adhesive cure

CERTIFICATION EXAM

Adhesive Anchor Installer certification will be granted only to those applicants who obtain a passing grade on both the written examination and performance examination. The certification is valid for five years. The 90 Minute written examination is closed-book and consists of 75 multiple-choice questions. The performance examination consists of two parts, Part 1 **Vertical Down** and Part 2 **Vertical Up**.

Part 1 Vertical Down - Each examinee will be tasked with selection, assembling, and using the proper tools, equipment, and materials to drill and clean a vertical down hole in concrete, inject adhesive, and set an anchor to the proper depth and perpendicularity.

Part 2 Vertical Up - each examinee is required to inject two clear tubes with adhesive in a vertical up orientation behind a blind to simulate a drilled hole in concrete; one tube is injected using the retaining cap method, and the other tube is injected using the piston plug method. The examiner(s) will observe and evaluate the examinees' performance for proper procedure during both parts.

CERTIFICATION REVIEW/TESTING SESSION

The certification registration fee includes the current ACI Study Guide, procedure review session, written, and performance exams. All review and testing sessions are conducted in Denver, Colorado unless otherwise noted on the registration form. The procedure review consists of a power point presentation including video clips and general discussion followed by hands-on practice with adhesive anchors. ***The review session is not intended to train individuals on adhesive anchor installation, it is to provide individuals with an opportunity to practice proper procedures.***

SCHEDULE

Thursday 8:30 a.m. - 4:00 p.m.
Procedure Review Session/Hands-On Practice

Friday 7:30 a.m.- 3:00 p.m.
Written/Performance Exams



Rocky Mountain Chapter - ACI/2017 Registration Form ACI/CRSI Adhesive Anchor Installer Certification

You must email your registration to the RMACI office at rmaci@earthlink.net. We will U.S.P.S. priority mail you a confirmation letter (with locations for review/testing sessions), a study guide, and maps once your registration fees are paid. The Rocky Mountain Chapter of ACI accepts checks, Visa, MasterCard, Discover Card, American Express and will invoice member companies. For credit card payments, please provide a contact phone number and we will contact you for the payment information. If you have any questions please contact Dawn Miller at 702-203-7817.

INDIVIDUAL'S NAME: _____ COMPANY: _____

COMPANY ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

PHONE: _____ FAX: _____

EMAIL: _____

EMERGENCY CONTACT: _____ PHONE: _____

Address study guide should be sent to if other than above:

ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

Individuals certified through this program are typically expected to be capable of reading, comprehending, and executing procedures requiring strenuous physical activity, and possess a level of fitness required to safely execute the procedures. By marking the appropriate box below, you are asserting that you are aware of the physical abilities and fitness level appropriate to participate in the program without accommodation for either permanent or temporary disabilities in accordance with the Americans with Disabilities Act (ADA), or have contacted ACI and are in the process of applying for accommodation in accordance with ADA. **You must check one of the boxes:**

I request participation without accommodation via ADA

I am in the process of applying for accommodation via ADA

SELECT YOUR TESTING SESSION

Thursday 8:30 a.m. - 4:00 p.m. Procedure Review / Hands on Practice
Friday 7:30 a.m. - 3:00 p.m. Written / Performance Exam

March 9 & 10

May 11 & 12

June 22 & 23

September 7 & 8

November 9 & 10

I understand that participation in this program does not guarantee certification or employment if certification is attained. I further understand that employment in specific geographic areas is contingent upon the laws and ordinances of that jurisdiction. **Box must be checked for registration to be processed.**

The Rocky Mountain Chapter of ACI reserves the right to cancel or reschedule any class or exam.

REGISTRATION FEES

	Member	Non-Member
Certification Testing <small>Includes study guide, classroom review, hands-on practice, written and performance exams.</small>	<input type="checkbox"/> \$630	<input type="checkbox"/> \$730
Performance Exam Only <small>Only for those individuals who previously failed their performance exam.</small>	<input type="checkbox"/> \$435	<input type="checkbox"/> \$510
Written Exam Only <small>Only for those individuals who previously failed their written exam.</small>	<input type="checkbox"/> \$335	<input type="checkbox"/> \$385

Cancellations must be received in writing by the RMACI office at least (3) working days prior to the start of the event. Registrants who cancel within this period will be charged a \$125 cancellation fee. Attendee substitutions can be made at any time up to the start of the event without cost or penalty. No refunds will be made to registrants who fail to cancel within the specified cancellation period or are no shows.

For ACI Office Use Only Payment _____ Date _____ Invoice _____ Confirmation _____ Books _____

Return your registration form and payment to: **Rocky Mountain Chapter ACI - rmaci@earthlink.net**
Questions: Contact Dawn Miller at 702-203-7817

Method of Payment Check Visa Discover MasterCard American Express Bill Me-Member Companies Only

Signature _____

Card Holder Name _____

Credit Card # _____

Billing Address for Card _____

Exp. date _____

CCV Code - **MC/Visa** three digits on back of card
AMX four digits on front of card

Phone _____