



## Rocky Mountain Chapter - American Concrete Institute 2018 ACI 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/2018 Registration Form ACI Adhesive Anchor Installer Certification

Please return your registration via email. Your registration will not be processed until payment is received. We will mail you a confirmation letter (with locations for review/testing sessions), a study guide, and maps once your paid registration form is received.

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
- 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.**

**CANCELLATION POLICY:** You can cancel or reschedule your registration (via U.S. Mail or e-mail) up to 3 business days prior to the scheduled testing date and receive a refund less a \$125 cancellation fee. No refunds will be issued to registrants who fail to cancel within the specified cancellation period or are no-shows.

**I have read and I acknowledge the above policies. Registration will not be processed if an emergency name and contact number are not provided.**

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

## SELECT YOUR TESTING SESSION      REGISTRATION FEES

		Member	Non-Member
<input type="checkbox"/> February 8 & 9	<input type="checkbox"/> April 26 & 27		
<input type="checkbox"/> June 7 & 8	<input type="checkbox"/> September 20 & 21	<b>Certification Testing</b> <input type="checkbox"/> \$645	<input type="checkbox"/> \$745
<input type="checkbox"/> November 8 & 9		<b>Performance Exam Only</b> <input type="checkbox"/> \$435	<input type="checkbox"/> \$535
		<b>Written Exam Only</b> <input type="checkbox"/> \$235	<input type="checkbox"/> \$335

For ACI Office Use Only    Payment \_\_\_\_\_    Date \_\_\_\_\_    Invoice \_\_\_\_\_    Confirmation \_\_\_\_\_    Books \_\_\_\_\_

Return your registration form and payment to: **Rocky Mountain Chapter ACI - rockymountainaci@outlook.com**  
**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 \_\_\_\_\_