



# ACI Concrete Construction Special Inspector Certification



Review Class - September 25 & 26, 2017 9:00 am - 4:00 pm  
Written & Plans Reading Exams - September 27, 2017 9:00 am - 3:00 pm

## Definition

A **Concrete Construction Special Inspector** is a person qualified to inspect and record the results of concrete construction inspection based on codes and job specifications. The program covers inspection during pre-placement, placement, and post-placement operations.

A **Concrete Construction Inspector-in-Training** is a person who is knowledgeable about inspection procedures for concrete construction, including pre-placement, placement and post-placement operations; but does not have the experience required to qualify as an ACI Concrete Construction Special Inspector. The programs require a knowledge of concrete construction, including plans reading, formwork installation and removal, reinforcements, embedments, sampling and testing freshly mixed concrete, conveying, placing, consolidation, finishing, jointing, curing, and protection.

The technical resource materials provided in this program are valued at over \$1,100. Study Materials will be handed out during the review class on Sept. 25th

## ACI PUBLICATIONS

- ACI Concrete Terminology
- 117—Specification for Tolerances for Concrete Construction and Materials
- 213R—Guide for Structural Lightweight-Aggregate Concrete
- 301—Specifications for Structural Concrete
- 302.1R—Guide to Concrete Floor and Slab Construction
- 304R—Guide for Measuring, Mixing, Transporting, and Placing Concrete
- 304.2R—Placing Concrete by Pumping Methods
- 305R—Guide to Hot Weather Concreting
- 306R—Guide to Cold Weather Concreting
- 308R—Guide to Curing Concrete
- 309R—Guide to Consolidation of Concrete
- 318—Building Code Requirements for Structural Concrete
- 347R—Guide to Formwork for Concrete
- SP-2—Manual of Concrete Inspection



## Location:

**ARMCA Training Room**  
**3520 West 69th Street, Suite 303**  
**Little Rock, AR 72209**

**Frances & Bill Griffith, Class Instructors**  
**Blake Martin, P. E., Examiner**

## ICC PUBLICATIONS

IBC—International Building Code

## CRSI PUBLICATIONS

Manual of Standard Practice (MSP)

## CANCELLATION POLICY:

Sessions may be canceled up to 7 days prior to the session start date without incurring any additional charges. Canceling within 6 days of the session start date will result in a full forfeiture of the registration fee. If you do not cancel your registration within the 7-day timeframe and fail to attend your scheduled session, the entire registration fee will be forfeited.

## Concrete Construction Special Inspector Requirements

ACI will grant certification only to those applicants who:

### ● Certification Requirements:

**For Concrete Construction Special Inspector:** ACI will grant certification only to those applicants who:

- Obtain a passing grade on the written inspection examination; and
- Obtain a passing grade on the written plans reading examination; and

Fulfill the requirements in ACI Concrete Field Testing Technician—Grade I as follows:

Be currently certified as an ACI Concrete Field Testing Technician—Grade I **OR** Have been certified as an ACI Concrete Field Testing Technician—Grade I at one time

### AND

Pass the current ACI Concrete Field Testing Technician—Grade I written exam within one year of passing the Inspector exam.

If the ACI Concrete Field Testing Technician—Grade I requirement is not held at the time of testing for Concrete Construction Special Inspector, the requisite ACI Concrete Field Testing Technician—Grade I certification or validation of prior ACI Concrete Field Testing Technician—Grade I certification with successful completion of the current ACI Concrete Field Testing Technician—Grade I written examination must be obtained within one year of the first examination passed for Inspector. Otherwise, the written inspection and plans reading examinations must be retaken in their entirety.

Possess at least one of the following qualifications: A B.S. degree in Civil Engineering, Civil Engineering Technology, Engineering Technology, Construction Engineering or Construction Engineering Technology from a program accredited by ABET (aka Accreditation Board for Engineering and Technology), including courses in concrete materials, design or construction), **PLUS** six months satisfactory work experience; **OR** a B.S. degree in an engineering program **PLUS** one year of satisfactory work experience; or a minimum of two years of college or technical school, earning at least 60 credit hours, **PLUS** two years of satisfactory work experience; or

A high school diploma, or equivalent, **PLUS** a minimum of three years of satisfactory work experience; or five years of satisfactory work experience.

The work experience must include:

- Decision-making authority and responsibility;
- Verification of compliance with plans, specifications, and codes;
- Evaluation of concrete construction in the field;
- Documentation and reporting of inspection results; and
- Proficiency in appropriate areas of concrete construction inspection.

Verification of the amount and range of work experience by the applicant's employer(s) is required. The three-hour written inspection examination is open-book and consists of approximately 80 multiple-choice questions. The one-hour plans reading examination consists of approximately 20 questions and is designed to test the examinee's ability to read and understand engineering drawings. The minimum passing grade for each examination is 70%.

Recertification is necessary every five years and requires fulfillment of the Field Testing Technician requirements and successful completion of the inspection and plans reading examinations.

Name: \_\_\_\_\_ E-Mail \_\_\_\_\_

Company : \_\_\_\_\_ Phone #: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Included: Review Class, Technical Resource Materials, Written & Plans Reading Exams

**Registration Fees:      \$ 800 ARMCA Members      \$ 950 Non-Members**

**To be paid by:              Credit Card                      Check Enclosed                      Invoice Me (ARMCA Members only)**

Credit Card # \_\_\_\_\_ Exp Date \_\_\_\_\_ VOC \_\_\_\_\_

You may call to give credit card number

**REMIT TO:              ARMCA (Arkansas Ready Mixed Concrete Association**  
**3520 W. 69th Street, Suite 303, Little Rock, AR 72209**

**PH 501-663-8335**  
**FAX 501-663-2771**

**Register Online: [www.concretearkansas.org](http://www.concretearkansas.org)**

