

Important Information:

The NYC Dept. of Buildings is requiring that all Concrete Inspectors working in NYC must have the CCSI certification or a P.E. license by July 1, 2009



Concrete Construction Special Inspector (CCSI) Fall 2008-Session 4

The Concrete Industry Board, Inc.
10 East 33rd Street, 11th Floor
New York, NY, 10016-5018
Tel 212.213.0410 Fax 212.213.1204
E-mail: cibnyc@earthlink.net
Website: www.cibofnyc.org

Please complete the following form and return it with payment as soon as possible. The class will be filled on the basis of payment received. Class fees will not be reimbursed after the first session begins. If an invoice is required for payment, please notify the CIB. Class will be cancelled if an insufficient number of students have registered. ACI will issue certificates to students who successfully complete the course.

(Before mailing please call to see if space is still available)

Name: _____

Address: _____ Apt. # _____ City/State: _____ Zip: _____

Company Affiliation: _____ Contact _____ (Work) _____ (Fax) _____

Tel: (Home) _____ (Cell) _____ (E-mail) _____

Prerequisite: Concrete Field Testing Technician Grade 1 Certification (I.D.# _____)

Pre-Registration is required. Must be registered and paid by October 3, 2008

There will be a \$50.00 service charge if a student withdraws from the class after 10/3/08

EVENING CLASSES, 4:30 pm to 9:00 pm
(Refreshments will be served)

CLASS LOCATION

_____ Course Dates :

Tuesday October 28

Monday November 10

Tuesday November 18

Tuesday November 25

Tuesday December 2

Exam Date : Tuesday December 9, 2008

Port Authority of NY & NJ
Technical Center
241 Erie Street-Room 234
Jersey City, NJ 07310

I choose one of the following:

_____ Full instruction, study package and both examinations... \$ 700.00 (includes manual given out 10/28/08) (CIB-Member)

_____ Full instruction, study package and both examinations ... \$ 800.00 (includes manual given out 10/28/08) (Non-Member)

Or

_____ Full instruction, study package and both examinations.. \$ 750.00 (includes manual sent earlier) (CIB-Member)

_____ Full instruction, a study package and both examinations.. \$ 850.00 (includes manual sent earlier) (Non-Member)

Or

_____ * (Self study) No instruction, a study package, both examinations \$ 475.00 (includes manual sent by 10/28/08) (CIB-Member)

_____ * (Self study) No instruction, a study package, both examinations \$ 525.00 (includes manual sent by 10/28/08) (Non-Member)

Or

_____ No instruction, both examinations given on 12/9/08... \$ 200.00 (manual previously purchased)

*The manual (CP21 Pak a \$375.00 Value) will be sent prior to the written exam so individuals can self-study.

Make check payable to **THE CONCRETE INDUSTRY BOARD** and send with application to:

The Concrete Industry Board, CIB School Program 10 East 33rd St. 11th Fl, New York, NY 10016-5018

Certification Contact: Catherine Heege

SEE OTHER SIDE FOR COURSE DESCRIPTION

ACI Inspector Certification Program: Concrete Construction Special Inspector

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 preplacement, placement, and post-placement operations.

An Associate Concrete Construction Special Inspector is a person who is knowledgeable about inspection procedures for concrete construction, including preplacement, placement, and post-placement operations; but does not have the experience required to qualify as an ACI Concrete Construction Special Inspector.

Scope and Knowledge

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 used in these programs include the following:

ACI PUBLICATIONS

SP-2 - Manual of Concrete Inspection

116R - Cement and Concrete Terminology

117 - Tolerances for Concrete Construction and Materials

301 - Specifications for Structural Concrete

302.1R - Floor and Slab Construction

304R - Measuring, Mixing, Transporting and Placing Concrete

304.2R - Placing Concrete by Pumping Methods

304.5R - Batching, Mixing, and Job Control of Lightweight Concrete

305R - Hot Weather Concreting

306R - Cold Weather Concreting

308 - Curing Concrete

309R - Consolidation of Concrete

311.4R - Guide for Concrete Inspection

318 - Building Code Requirements for Reinforced Concrete

347R - Formwork for Concrete

ASTM PUBLICATIONS

C 29 - Unit Weight and Voids in Aggregates

C 94 - Specification for Ready-Mixed Concrete

E 329 - Evaluation of Testing and Inspection Agencies

OTHER PUBLICATIONS

MSP-1 - Manual of Standard Practice, Concrete Reinforcing Steel Institute

EB001 - Design and Control of Concrete Mixtures, Portland Cement Assoc.

Certification Requirements

Concrete Construction Special Inspector

ACI will grant certification only to those applicants who:

- 1) Hold current certification as an ACI Concrete Field Testing Technician - Grade I;
- 2) Obtain a passing grade on the written inspection examination;
- 3) Obtain a passing grade on the written plans reading examination;
- 4) Possess at least one of the following qualifications:
 - A) A Minimum of two years of college or technical school, earning at least 60 credit hours, plus two years of satisfactory work experience, or
 - B) A high school diploma, or equivalent, plus a minimum of three years of satisfactory work experience, or
 - C) Five years of satisfactory work experience.

The work experience must include:

- 1) Decision making authority and responsibility
- 2) Verification of compliance with plans, specifications, and codes
- 3) Evaluation of concrete construction in the field
- 4) Documentation and reporting of inspection results
- 5) 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%.

Associate Concrete Construction Special Inspector

ACI will grant certification to those applicants who meet the Field Technician prerequisite and pass both written examinations. Individuals with Associate certification can upgrade to full Inspector status upon submittal and approval of sufficient education/work experience.

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

Study Material Title: Inspector Reference Package (CP21)

Description: This package contains all of the resource materials needed to properly prepare for certification as an ACI Concrete Construction Inspector. The ring binder contains the following materials. Inspector Workbook (includes program information, lesson plan, study aids, work experience forms and instructions); reprints of ACI documents (including ACI's Manual of Concrete Inspection, SP-2); reprints of ASTM documents; PCA's Design and Control of Concrete Mixtures, and CRSI's Manual of Standard Practice.