



The Concrete Industry Board, Inc.  
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## SPRING 2012

### Concrete Field Testing Technician Grade 1 Certification

Please complete the following form and return it **with payment** for the class you wish to attend. Application will be held only 7 days without payment. **The classes 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. **Classes 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).**

**A processing fee of \$50.00 will be charged if you cancel within 1 week of the start of class OR if you do not attend on the days of exams.**

Name: \_\_\_\_\_

Address: \_\_\_\_\_ Apt. # \_\_\_\_\_ City/State: \_\_\_\_\_ Zip: \_\_\_\_\_

Company Affiliation: \_\_\_\_\_ Contact \_\_\_\_\_ (Work) \_\_\_\_\_ (Fax) \_\_\_\_\_

Tel: (Home) \_\_\_\_\_ (Cell) \_\_\_\_\_ (E-mail) \_\_\_\_\_

I would like to be enrolled in the following class: (LIMITED SEATING)

**EVENING CLASSES, 5:45 p.m. to 10:00 p.m.**

~~\_\_\_\_\_ CFTG1 January 18, 19, 25, 26-~~  
~~\_\_\_\_\_ CFTG1 February 22, 23, 29, March 4~~  
~~\_\_\_\_\_ CFTG1 March 6, 8, 14, 15~~  
~~\_\_\_\_\_ CFTG1 May 9, 10, 16, 17,~~

**Class Location**

NYC College of Technology (CUNY)  
The Voorhees Building  
186 Jay Street  
Brooklyn, NY 11201

I choose to take the course in the following way:

- \* Full instruction, workbook and both written and practical examinations. . . \$ **750.00** (CIB-Member)
- \* Full instruction, workbook and both written and practical examinations. . . \$ **800.00** (Non-Member)

**\*Please Note:**

**Two or more students from the same company registering for the same class will receive a discount of \$50.00 per student.**

\$ 750.00 minus \$ 50.00 = \$ **700.00** (CIB-Member)  
\$ 800.00 minus \$ 50.00 = \$ **750.00** (Non-Member)

**Make check payable to THE CONCRETE INDUSTRY BOARD and send with application to:** The Concrete Industry Board, 119-42 80<sup>th</sup> Road, Kew Gardens, NY 11415-1106. **Certification Contact: Catherine Heege**

**See other side for Course Description**

## **ACI Field Technician Certification Program**

Certification Level:

Concrete Field Testing Technician - Grade I

### **Definition**

A Concrete Field Testing Technician - Grade I is an individual who has demonstrated the knowledge and ability to properly perform and record the results of seven basic field tests on freshly mixed concrete.

### **Scope and Knowledge**

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

C 1064 - Temperature of Freshly Mixed Portland-Cement Concrete

C 172 - Sampling Freshly Mixed Concrete

C 143 - Slump of Hydraulic Cement Concrete

C 138 - Unit Weight, Yield, and Air Content (Gravimetric) of Concrete

C 231 - Air Content of Freshly Mixed Concrete by the Pressure Method

C 173 - Air Content of Freshly Mixed Concrete by the Volumetric Method

C 31 - Making and Curing Concrete Test Specimens in the Field

### **Certification 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 written examination is "closed book" and consists of 55 multiple choice questions. There are five (5) to ten (10) 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 six of the required ASTM Standards plus a verbal description of Sampling, ASTM C 172. 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.

**The Concrete Industry Board, Inc. is the official sponsoring group for the American Concrete Institute for the five boroughs of New York City and for Westchester County. Scheduling of other times or formats for the ACI certification courses for groups of 12 will be considered upon request.**