



The Concrete Industry Board, Inc.
119-42 80th Road
Kew Gardens, NY, 11415-1106
Tel 718-459-4900 Fax 718-459-4890
E-mail: cibnyc@earthlink.net Website: cibofnyc.org

Spring 2012

ACI Concrete Field Testing Technician Grade 1 Certification

Please complete the following form and return it **with payment** for the exam you wish to attend. **The exam will be filled on the basis of payment received.** If an invoice is required for payment, please notify the CIB. ACI will issue certificates to students who successfully pass the exams. **(Before mailing please call to see if space is still available).**

A processing fee of \$25.00 will be charged if you cancel within 48 hours of the day of exam.

Name: _____

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

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

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

EVENING EXAM, 4:30 p.m. to 9:00 p.m.

Location

_____ February 28, 2011 (Tuesday)

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

_____ Both written and practical examinations, no workbook, no instruction **\$ 375.00**

or

_____ Written for those who have passed the practical examination in the last 12 months. **\$125.00**

or

_____ Practical for those who have passed the written examination in the last 12 months. **\$250.00**

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

EXAM 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.