



CHIEF EXECUTIVE OFFICER WELCOME

The International Code Council (ICC) Certification Program for Code Professionals is the nation's most comprehensive and most recommended voluntary certification program among states, jurisdictions and the building code community.

When you commit to the certification program, you join a select group of individuals nationwide who have chosen to attain a high level of excellence and achievement through the certification process.

Professional credentialing is a distinguished pursuit among those aspiring to demonstrate their capabilities. In addition to being able to demonstrate knowledge in a given discipline of code enforcement, certification provides the evidence for inspectors, plans examiners and code officials to be recognized as professionals. Certification is the key to enhanced professional stature. ICC certificate holders enjoy these enormous benefits:

- Expanded knowledge
- Validation of technical expertise
- National professional recognition
- Increased salary potential
- Personal satisfaction from having achieved a professional credential
- Contributing to the professional stature of the entire ICC membership
- Verification of commitment to protect public health, safety, and welfare
- Inclusion in ICC's National Registry

As CEO of the International Code Council, I find that the role played today by designers, builders, contractors and code enforcement professionals is more important than ever, given the focus on national security and public safety of our communities. We invite you to join the organization that allows you to be I-Code certified and to enjoy the benefits afforded by the profession's most trusted credentials.

We look forward to serving you and working together to enhance your professional stature.

The ICC, a member association dedicated to building safety, develops the codes used to construct residential and commercial buildings, including homes and schools. The majority of U.S. cities, counties and states that adopt codes choose building safety and fire prevention codes developed by the ICC.

A handwritten signature in black ink that reads "Richard P. Weiland". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Richard P. Weiland

*Chief Executive Officer
International Code Council*



Richard P. Weiland, CEO

2007

ICC National Certification Examination Program

Bulletin for Code Professionals

Effective January 1, 2007



*People Helping People
Build a Safer World™*

**International Code Council
Certification and Testing
Birmingham District Office
900 Montclair Road
Birmingham, AL 35213**

ICC Vision

Protecting the health, safety, and welfare of people
by creating better buildings and safer communities.

ICC Mission

Providing the highest quality codes, standards, products, and services
for all concerned with the safety and performance of the built environment.

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Note: Certification and examination requirements, including registration/scheduling, dates, locations, fees and references are subject to change. Please make sure that you have the most current information before registering for/scheduling any examination. For up-to-date information on ICC certification and examinations go to www.iccsafe.org/certification or call 1-888-ICC-SAFE (422-7233), ext. 33806.

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About the ICC Certification Program

The ICC certification program is the oldest, largest and most prestigious credentialing program for construction code administration and enforcement professionals in the United States. ICC certification examinations are maintained to the highest standards and include continuous review by committees of experienced professionals.

Becoming ICC certified is a significant personal and professional accomplishment. If you have the drive, ability and dedication it takes to earn an ICC certification, you will join a select group of construction and fire safety professionals who have attained a high level of excellence and achievement validated through the certification process.

ICC certification is the key to enhanced professional stature. ICC certificate holders enjoy these important benefits:

- Verification of personal and professional accomplishment
- Validation of technical expertise
- Recognition on a national level
- Increase in potential career opportunities
- Expanded knowledge
- Confirms commitment to protect the public health, safety and welfare

Many building departments and state agencies that regulate code enforcement personnel recognize ICC certification. However, ICC cannot guarantee that a specific governmental agency will accept or recognize an ICC certification. You should first contact the applicable agency regarding specific licensing and employment requirements and ICC certification and examinations.

Certification and examination information, including registration/scheduling requirements, dates, locations, fees and references, are subject to change.

Please make sure that you have the most current information before registering for/scheduling an ICC examination by going to www.iccsafe.org/certification.

Achieving ICC Certification

ICC certification can be achieved in most categories by passing one or more examinations and submitting additional documentation, when required.

General steps in obtaining an ICC certification:

- Step 1** Ensure that you have the most current information on the 2007 ICC Certification Examination Program by accessing/downloading/printing the *2007 ICC National Certification Examination Program Bulletin for Code Professionals* at www.iccsafe.org/certification.
- Step 2** Select a certification category, note required examination(s) and corresponding Exam ID.
- Step 3** Review the examination content outline for the required examination.
- Step 4** Obtain the required references for the examination. Study these references well in advance of taking the examination.
Important Note: Effective January 1, 2007, all ICC certification examinations will reference the 2006 I-Codes.
- Step 5** Decide if you want to take the examination by computer (electronically) or by paper-and-pencil (written).
- Step 6** Follow the registration requirements for computer-based examinations (starting on page 35) if you elect to have the examination administered electronically. Follow the registration requirements for paper-and-pencil examinations (starting on page 43) if you elect to take the exam by paper-and-pencil.
- Step 7** Pass the examination and meet additional requirements, as applicable.

For most certification categories, you will automatically receive an ICC certificate and wallet card seven to nine weeks after you pass the examination.

Some certification categories may have additional requirements that include, but are not limited to, passing multiple examinations, education/work experience, submitting affidavit, and/or additional fees. Please be sure to thoroughly read the detailed information on those examinations you elect to take. For the most up-to-date requirements and detailed information on ICC certification examinations, go to www.iccsafe.org/certification.

ICC Certification Categories

Below are ICC national certification categories currently available, required examinations and corresponding exam ID.

Residential Inspector Certification Categories/Required Examinations

| Exam ID | Certification/Examination | Page |
|----------------|----------------------------------|-------------|
| B1 | Residential Building Inspector | 15 |
| E1 | Residential Electrical Inspector | 15 |
| M1 | Residential Mechanical Inspector | 15 |
| P1 | Residential Plumbing Inspector | 16 |

Commercial Inspector Certification Categories/Required Examinations

| Exam ID | Certification/Examination | Page |
|----------------|----------------------------------|-------------|
| B2 | Commercial Building Inspector | 16 |
| E2 | Commercial Electrical Inspector | 16 |
| M2 | Commercial Mechanical Inspector | 17 |
| P2 | Commercial Plumbing Inspector | 17 |

General Plans Examiner Certification Categories/Required Examinations

| Exam ID | Certification/Examination | Page |
|----------------|----------------------------------|-------------|
| B3 | Building Plans Examiner | 17 |
| E3 | Electrical Plans Examiner | 18 |
| M3 | Mechanical Plans Examiner | 18 |
| P3 | Plumbing Plans Examiner | 18 |

Energy Certification Categories/Required Examinations

| Exam ID | Certification/Examination | Page |
|----------------|------------------------------------|-------------|
| 77 | Commercial Energy Inspector | 19 |
| 78 | Commercial Energy Plans Examiner | 19 |
| 79 | Residential Energy Inspector/Plans | 19 |

Fire Certification Categories/Examinations

| Exam ID | Certification/Examination | Page(s) |
|----------------|--|----------------|
| 66 | Fire Inspector I (Must submit required Affidavit on page 49) | 20, 49 |
| 67 | Fire Inspector II | 20 |
| F3 | Fire Plans Examiner | 20 |
| FM | Certified Fire Marshal (CFM) | 20 |

Code Enforcement Certification Categories/Required Examinations

| Exam ID | Certification/Examination | Page |
|----------------|---|-------------|
| 21 | Accessibility Inspector/Plans Examiner | 21 |
| 14 | Permit Technician | 21 |
| 75 | Zoning Inspector | 21 |
| 64 | Property Maintenance and Housing Inspector | 22 |
| C1 | Coastal and Floodplain Construction Inspector | 22 |
| DR | Disaster Response Inspector | 23 |

Special Inspector Certification Categories/Required Examinations

| Exam ID | Certification/Examination | Page(s) |
|----------------|--|---------------------------|
| 92 | Prestressed Concrete Special Inspector | 25 |
| 84 | Structural Masonry Special Inspector | 25 |
| 86 | Spray-applied Fireproofing Special Inspector | 26 |
| S1 | Structural Steel and Bolting Special Inspector | 26 |
| S2 | Structural Welding Special Inspector | 26 |
| 47 | Reinforced Concrete Special Inspector | 27, 28, 29, 30, 31, 32 |

Certification Category Requiring Multiple Examinations

| Category | Examinations | Page |
|-----------------------------------|---------------------|-------------|
| Certified Building Official (CBO) | 01, 02 | 24 |

Certification Categories Requiring Multiple Examinations and Application

Candidates must pass exams listed below for the corresponding certification and submit the required application to ICC along with \$30 for each certification category to receive certification. There is no fee for those applying for the Master Code Professional (MCP). The Master Code Professional (MCP) certification is complimentary to those who have passed required exams and have submitted application to ICC. Required application for certification categories below can be found on the next page of this bulletin.

| Category | Examinations | Pages |
|---|-----------------------------------|-------------------|
| Building Inspector | B1, B2 | 8, 15, 16 |
| Electrical Inspector | E1, E2 | 8, 16 |
| Mechanical Inspector | M1, M2 | 8, 15, 17 |
| Plumbing Inspector | P1, P2 | 8, 16, 17 |
| Residential Combination Inspector | B1, E1, M1, P1 | 8, 15, 16 |
| Commercial Combination Inspector | B2, E2, M2, P2 | 8, 16, 17 |
| Combination Inspector | B1, B2, M1, M2, E1, E2, P1, P2 | 8, 15, 16, 17 |
| Combination Plans Examiner | B3, E3, M3, P3 | 8, 17, 18 |
| Certified Building Code Official (CBCO) | B1, B2, B3, 01, 02 | 8, 15, 16, 17, 24 |
| Certified Electrical Code Official (CECO) | E1, E2, E3, 01, 02 | 8, 15, 16, 18, 24 |
| Certified Fire Code Official (CFCO) | 66, 67, F3, 01, 02 | 8, 20, 24 |
| Certified Mechanical Code Official (CMCO) | M1, M2, M3, 01, 02 | 8, 15, 17, 18, 24 |
| Certified Plumbing Code Official (CPCO) | P1, P2, P3, 01, 02 | 8, 16, 17, 18, 24 |
| Certified Housing Code Official (CHCO) | 64, 02 | 8, 22, 24 |
| Master Code Professional (MCP) | Refer to pages 33 and 34 | 8, 33, 34 |



APPLICATION
for
CERTIFICATES REQUIRING
MULTIPLE EXAMINATIONS

Customer No.
ID No.

This application is not required for CBO, Fire Inspector II, or Certified Fire Marshal.

To receive a certification that requires the completion of more than one examination, complete this application and submit to ICC at the address indicated at the bottom of this application with appropriate fee payment. Enclose \$30.00 for each certification category. Master Code Professional certifications are complimentary.

I have successfully completed the required examinations and request certification for:

- Building Inspector, Residential Combination Inspector, Fire Code Official, Electrical Inspector, Commercial Combination Inspector, Mechanical Code Official, Mechanical Inspector, Combination Inspector, Plumbing Code Official, Plumbing Inspector, Combination Plans Examiner, Housing Code Official, Building Code Official, Electrical Code Official, Master Code Professional- \$30 fee does not apply to the Master Code Professional certification category.

Certificate and Mailing Information

Name, Street, City, State, ZIP, Signature, Date

Note: 45-70 days is required for verification of records prior to issuance of requested certificates.

Payment Information

Total number of certification categories: X \$30 per certification category = total to enclose.

Method of Payment

- Check or money order- Checks payable to: ICC, VISA, MasterCard, American Express, Discover, Credit Card No., Expires, Signature of Cardholder, Date

Mail completed application with required fee payment to:

International Code Council
Certification Department
5360 Workman Mill Road
Whittier, CA 90601

Administrative Rules and Procedures

Taking and Retaking Examinations

During any six (6) month period and for any one certification category, you may take the exam using the CBT method a total of two (2) times, if necessary, to pass the exam.

Taking the examination in one category has no effect on testing for the six-month period for another category. For example, if you take the Residential Building Inspector examination and fail it, you would be allowed to take a Commercial Building Inspector or, for example, one of the Plumbing Inspector examinations without regard to the six-month period for your Residential Building Inspector examination.

Examination Scoring

The score for each examination is reported as a “scaled score,” with 75 being the minimum passing score. This means that everyone’s score has been standardized on a scale on which 75 is the minimum passing score. Unsuccessful candidates receive diagnostic information on their performance in major test content areas. The actual required passing score may be either above or below 75 percent. It is important to answer all questions for this reason.

The number of correct answers necessary to achieve a scaled score of 75 indicates a level of minimum acceptable competency as determined from systematic analysis by a committee of individuals selected because of their expertise on the subject being used for the content. To ensure that the difficulty of this exam is equal to every other exam in this category, the number of questions that you will be required to answer correctly to achieve the scaled score of 75 may be more or less than a simple 75 percent of the questions on the exam. The scaled score is established by a committee made up of practicing experts in each examination category. Your score, therefore, is based on the number of questions answered correctly relative to the difficulty level of the exam as compared to other exam forms.

Candidates who pass will be notified with the word “PASS.” Those who fail will be given a numeric score and diagnostic information. Failing candidates will be provided with diagnostic information on their performance on major content areas of the exam. The diagnostic report cannot be used to calculate scores; it is a general indication only.

Cancellation of Scores

On rare occasions, circumstances may render examination scores invalid. ICC reserves the right to cancel or withhold any examination scores if, in its sole opinion, there is adequate reason to question their validity. Reasons are:

1. Doubts may be raised about the validity of examinees' scores because of suspected misconduct, including but not limited to, giving or receiving help; using unauthorized notes, books or papers; removing examination materials or notes from the examination room; attempting to take an examination for someone else; or inappropriately taking more than two CBT examinations within a single six-month period. In such circumstances, examinees will be expected to cooperate in an investigation of their scores. Such examinees will be notified of procedures developed by ICC to ensure fairness.
2. Some scores may be rendered invalid because of circumstances beyond the examinee's control, such as faulty examination materials or mistiming. These situations will be investigated; when such occurrences result in cancellation of an examinee's scores, ICC will arrange for a makeup examination for the examinees concerned.
3. ICC has implemented procedures to minimize the potential of negative conditions at the examination site such as bad lighting, excessive noise or uncomfortable temperature conditions. In unlikely cases where such conditions may occur, it does not modify or change the required passing score. If a candidate finds unfavorable conditions at the examination site we recommend the candidate immediately notify the proctor.

Common Questions and Answers

Does ICC require a candidate to have a certain level of experience or education before taking an examination?

No. Most ICC examinations are open to all individuals with no prerequisite for experience or education. ICC certification should be used as one of several measures of an individual's qualifications when screening applicants for a position. Inspectors should possess the right mix of technical knowledge, education and related experience. Because proper weighting of the relative importance of these three qualifications is a subjective decision, determining the emphasis of ICC certification is most appropriately performed at the local level by the building official. For this reason, ICC does not specify education or experience requirements for certification applicants for most categories. However, Reinforced Concrete Special Inspector has additional requirements after passing the certification exam.

What is the best way to prepare for an examination?

The best way to prepare for an examination is through the study of codes and standards. ICC seminars, self-study workbooks, code commentaries and textbooks may be helpful. Practice examinations for many categories are available from ICC at www.icccampus.org. However, nothing can substitute for studying the code and on-the-job experience of code use and application. You must devote the time needed to understand the code and master the ability to apply it.

Code Edition Information

Examinations are updated to the latest edition of the *International Codes*[®] effective January 1st of the year following the date of publication to allow time for candidates to become familiar with the new code provisions.

This means that effective January 1, 2007, ICC certification examinations will reference the 2006 *International Codes*[®].

Candidate Records Policy

The General Education Provisions Act, Section 438, as amended, and the regulations promulgated for the enforcement of the act, found at 45 Federal Register 30911 as amended at 45 Federal Register 86296, provide that all ICC certification examination candidates have certain rights in relation to their educational records. Visit ICC's website for the details of the records policy www.iccsafe.org/certifications.

Test Center Procedures

1. Reference books and code books may not be shared by candidates.
2. No applicant may make any marks in reference materials brought to the center during the examination.
3. Scratch paper is supplied, if needed, and must be returned to the proctor when the exam is completed.
4. Visitors are not permitted at examination centers. Children and pets are not allowed in the test center.
5. The examinations are timed.
6. All materials brought to the examination center are subject to inspection by the proctor upon arrival and prior to leaving the examination room.
7. Proctors cannot comment on the content of any examination questions. To comment on any aspect of the examination, you may request a challenge form from the proctor after the examination has concluded.

8. Calculators are permitted provided they are silent, battery operated, without paper tape printing capabilities, and without an alphabetical keypad. Use of any other type of calculator is not permitted; violation of this rule will result in dismissal from the test center. Solar-powered calculators are not recommended. Lighting conditions are such that there is usually insufficient light to power a solar calculator. Calculator malfunctions are not grounds for challenging test results or requesting additional test time.
9. Electronic storage, transmitting and recording devices are not permitted.
10. Eating or smoking of any type of tobacco products are not allowed.
11. Under no circumstances will you be permitted to work beyond the time allotted for the examination. You should have ample time to answer all questions and check your work.
12. You may not leave the room during an examination without permission from a proctor. If you need to leave the examination for any reason, no extra time will be allowed for the examination.
13. Candidates discovered causing a disturbance or engaging in any kind of misconduct-giving or receiving help; using notes, unauthorized books or other aids; taking part in an act of impersonation; or removing test materials or notes from the testing room-will be dismissed from the examination and will be reported.

Note: The test center proctors are not familiar with the content of the examinations nor are they familiar with certification requirements. Proctors are instructed not to advise candidates on requirements for certification.

Day of the Examination

Be sure to allow sufficient time to find the test center so you can arrive in time for your appointment. Late arrivals may be refused admission to test. You must bring two forms of identification with your signature, at least one of which must have your photo (preferably a driver's license). If you do not bring the identification to the test center on your scheduled examination day, you will not be allowed to test. You will be considered absent and will be responsible for paying for the exam.

Materials Allowed at the Test Site

1. Three No. 2 pencils for any calculation work you may need to do. Scratch paper is provided.
2. Watch (to keep track of examination time).
3. Architect's scale or rule.
4. Magnifying glass.
5. Reference books. For open book exams, any bound, copyrighted reference books may be brought to the exam. However, the correct answers to the examination questions are only determined by those references listed. Photocopies of reference materials may not be used. Notes in books, that are not in pencil, are permitted in the reference materials and tabs that are permanently attached are also permitted. Tabbing with loose pieces of paper or adhesive notes are not permitted. Any pencil notes are not permitted and either must be highlighted or removed prior to the examination.
6. Foreign-language/English dictionaries, if needed.

Comments

If you desire to comment about any matter related to the examination, you may complete the comment form provided at the conclusion of electronic examinations or you may submit written comments to ICC by e-mail certexam@iccsafe.org or mail to the address listed on the front cover of this bulletin. Please be sure to include the examination taken, the examination date, the center location, and your complete name and address with your comment.

Challenges

If you failed an examination and scored within ten (10) points of passing, you may request an examination review session. This review is only for the purpose of allowing a candidate to see that errors were not made in scoring the exam. A challenge does not change or have any affect on your final exam score unless an error is found. An examination review allows a candidate to only see the questions they missed and their incorrect responses. No notes can be taken during a review and no instruction is provided. ICC must receive your completed challenge form before you can schedule an examination review session. The completed challenge form must be postmarked or received by ICC no later than 90 days following the date of examination. There is a fee for an examination review session. To request an examination challenge form and for fee information, contact ICC at 1-888-ICC-SAFE (422-7233), extension 33806.

2007 Certification Examinations – Effective January 1, 2007



Residential Inspector Examinations

B1 Residential Building Inspector

50 multiple-choice questions — Open Book — 2-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | Reference |
|--|-------------|---|
| Code Administration | 4% | 2006 <i>International Residential Code</i> [®] |
| Building Planning | 8% | |
| Footings and Foundations | 16% | |
| Floor Construction | 14% | |
| Wall Construction and Coverings | 27% | |
| Roof/Ceiling Construction and Penetrations | 14% | |
| Public Safety | 17% | |
| Total | 100% | |

E1 Residential Electrical Inspector

60 multiple-choice questions — Open Book — 2-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|--|-------------|---|
| General Requirements | 10% | 2006 <i>International Residential Code</i> |
| Services | 17% | |
| Branch Circuit and Feeder Requirements | 28% | 2005 National Electrical Code [®] (optional secondary reference) |
| Wiring Methods and Power and Lighting Distribution | 21% | |
| Devices, Lighting Fixtures and Appliances | 19% | |
| Swimming Pools and Similar Installations | 5% | |
| Total | 100% | |

M1 Residential Mechanical Inspector

60 multiple-choice questions — Open Book — 2-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | Reference |
|---|-------------|--|
| General Administration | 7% | 2006 <i>International Residential Code</i> |
| Heating and Cooling Equipment and Water Heaters | 29% | |
| Exhaust Systems | 6% | |
| Duct Systems | 8% | |
| Combustion Air | 19% | |
| Chimney and Vents | 20% | |
| Fuel Supply Systems | 11% | |
| Total | 100% | |

Residential Inspector Examinations (continued)

P1 Residential Plumbing Inspector

60 multiple-choice questions — Open Book — 2-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | Reference |
|-------------------------------|-------------------|--|
| General Requirements | 14% | 2006 <i>International Residential Code</i> |
| Fixtures | 8% | |
| Water Heaters | 12% | |
| Water Supply and Distribution | 21% | |
| Sanitary Drainage | 23% | |
| Vents | 22% | |
| Total | 100% | |

Commercial Inspector Examinations

B2 Commercial Building Inspector

80 multiple-choice questions — Open Book — 3½-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | Reference |
|--|-------------------|--|
| General Administration | 6% | 2006 <i>International Building Code</i> [®] |
| Building Planning | 21% | |
| Footings and Foundations | 8% | |
| Floor Construction | 7% | |
| Wall Construction and Coverings | 21% | |
| Roof/Ceiling Construction | 6% | |
| Public Safety and Special Construction | 31% | |
| Total | 100% | |

E2 Commercial Electrical Inspector

80 multiple-choice questions — Open Book — 3½-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | Reference |
|---|-------------------|-------------------------------|
| General Requirements | 10% | 2005 National Electrical Code |
| Services | 17% | |
| Branch Circuit and Feeder Requirements | 19% | |
| Wiring Methods and Distribution Systems | 19% | |
| General Use Equipment | 12% | |
| Special Occupancies | 9% | |
| Special Equipment | 7% | |
| Special Systems | 7% | |
| Total | 100% | |

Sample examination questions are available on the ICC website.

To get an idea of the style and format of questions on the actual examinations, go to www.iccsafe.org/certification, click on examination outlines and sample questions, and scroll down to the category of your choice. Click on that category for detailed information and sample questions.

Commercial Inspector Examinations (continued)

M2 Commercial Mechanical Inspector

50 multiple-choice questions — Open Book — 2-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|---------------------------------------|-------------|--|
| General Administration | 14% | 2006 <i>International Mechanical Code</i> ® 2006 <i>International Fuel Gas Code</i> ® |
| Heating and Cooling and Water Heaters | 15% | |
| Exhaust and Ventilation Systems | 20% | |
| Duct Systems | 12% | |
| Combustion Air | 14% | |
| Chimneys and Vents | 14% | |
| Fuel Supply Systems | 11% | |
| Total | 100% | |

P2 Commercial Plumbing Inspector

50 multiple-choice questions — Open Book — 2-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|---|-------------|--|
| General Requirements | 15% | 2006 <i>International Plumbing Code</i> ® |
| Fixtures | 3% | |
| Water Heaters | 12% | 2006 <i>International Fuel Gas Code</i> |
| Water Supply and Distribution | 18% | ICC/ANSI A117.1– 2003 (Standard on Accessible and Usable Buildings and Facilities) |
| Sanitary Drainage | 19% | |
| Vents | 11% | |
| Traps, Interceptors, Separators, Special Piping and Storage Systems | 10% | |
| Storm Drainage | 4% | |
| Health Care Plumbing | 8% | |
| Total | 100% | |

Plans Examiner Examinations

B3 Building Plans Examiner

70 multiple-choice questions — Open Book — 3½-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | Reference |
|--|-------------|---|
| General Administration | 9% | 2006 <i>International Building Code</i> |
| Building Planning | 21% | |
| Footings and Foundations | 8% | |
| Floor Construction | 4% | |
| Wall Construction and Coverings | 12% | |
| Roof/Ceiling Construction | 4% | |
| Public Safety and Special Construction | 42% | |
| Total | 100% | |

Sample examination questions are available on the ICC website.

To get an idea of the style and format of questions on the actual examinations, go to www.iccsafe.org/certification, click on examination outlines and sample questions, and scroll down to the category of your choice. Click on that category for detailed information and sample questions.

Plans Examiner Examinations (continued)

E3 Electrical Plans Examiner

70 multiple-choice questions — Open Book — 3½-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|---|-------------|---|
| General Administration Services | 2% | 2005 National Electrical Code |
| Branch Circuit and Feeder Requirements | 24% | 2006 <i>International Building Code</i> , Chapters 7 and 10 |
| Wiring Methods and Distribution Systems | 19% | |
| Equipment for General Use | 11% | |
| Special Occupancies | 15% | |
| Special Equipment | 16% | |
| Special Systems | 7% | |
| Total | 100% | |

M3 Mechanical Plans Examiner

50 multiple-choice questions — Open Book — 2-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|---------------------------------|-------------|---|
| General Administration | 7% | 2006 <i>International Mechanical Code</i> |
| Appliances and Equipment | 13% | 2006 <i>International Fuel Gas Code</i> |
| Exhaust and Ventilation Systems | 26% | |
| Duct Systems | 7% | |
| Combustion Air | 21% | |
| Chimney and Vents | 17% | |
| Fuel Supply Systems | 9% | |
| Total | 100% | |

P3 Plumbing Plans Examiner

50 multiple-choice questions — Open Book — 2-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|---|-------------|--|
| General Requirements | 4% | 2006 <i>International Plumbing Code</i> |
| Fixtures | 11% | 2006 <i>International Fuel Gas Code</i> |
| Water Heaters | 9% | |
| Water Supply and Distribution | 20% | ICC/ANSI A117.1– 2003 (Standard on Accessible and Usable Buildings and Facilities) |
| Sanitary Drainage | 16% | |
| Vents | 14% | |
| Traps, Interceptors, Separators, Special Piping and Storage Systems | 10% | |
| Storm Drainage | 8% | |
| Health Care Plumbing | 8% | |
| Total | 100% | |

Sample examination questions are available on the ICC website.

To get an idea of the style and format of questions on the actual examinations, go to www.iccsafe.org/certification, click on examination outlines and sample questions, and scroll down to the category of your choice. Click on that category for detailed information and sample questions.

Energy Conservation Inspector and Plans Examiner Examinations

79 Residential Energy Inspector/Plans Examiner

50 multiple-choice questions — Open Book — 2-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | Reference |
|---|-------------|--|
| General Plans and Inspection | 28% | 2006 <i>International Energy Conservation Code</i> ® |
| Alterations, Additions and Change of Use or Occupancy | 16% | |
| Building Envelope | 46% | |
| Mechanical Systems | 10% | |
| Total | 100% | |

77 Commercial Energy Inspector

50 multiple-choice questions — Open Book — 2-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | Reference |
|--|-------------|--|
| General Plan Review Issues | 7% | 2006 <i>International Energy Conservation Code</i> |
| Building Envelope | 38% | |
| Mechanical Systems | 25% | |
| Electrical Power and Lighting Systems | 26% | |
| Building Service Water Heating Systems and Equipment | 4% | |
| Total | 100% | |

78 Commercial Energy Plans Examiner

70 multiple-choice questions — Open Book — 3½-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | Reference |
|--|-------------|--|
| General Plan Review Issues | 16% | 2006 <i>International Energy Conservation Code</i> |
| Building Envelope | 27% | |
| Mechanical Systems | 26% | |
| Electrical Power and Lighting Systems | 27% | |
| Building Service Water Heating Systems and Equipment | 4% | |
| Total | 100% | |

Sample examination questions are available on the ICC website.

To get an idea of the style and format of questions on the actual examinations, go to www.iccsafe.org/certification, click on examination outlines and sample questions, and scroll down to the category of your choice. Click on that category for detailed information and sample questions.

Fire Inspector Examinations

66 Fire Inspector I

Applicants are required to successfully complete the examination and submit a signed affidavit which attests that they meet NFPA 472 requirements for “first responder awareness” (see page 49 for the required Affidavit form).

60 multiple-choice questions — Open Book — 2-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|--------------------------------------|-------------|---|
| General Inspection Administration | 15% | 2006 <i>International Fire Code</i> [®] |
| Regulated Provisions for Fire Safety | 48% | 2006 <i>International Building Code</i> , Chapters 1-10 |
| Occupancies | 20% | |
| Regulated Materials and Processes | 17% | Fire Inspection and Code Enforcement, 6 th Edition |
| Total | 100% | |

67 Fire Inspector II (Fire Inspector I is a prerequisite for certification)

50 multiple-choice questions — Open Book — 2-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|------------------------------------|-------------|---|
| General Inspection Administration | 16% | 2006 <i>International Fire Code</i> , including Appendix B |
| General Provisions for Fire Safety | 36% | 2006 <i>International Building Code</i> , Chapters 1-10 |
| Occupancies | 24% | |
| Regulated Materials and Processes | 24% | Fire Inspection and Code Enforcement, 6 th Edition |
| Total | 100% | |

F3 Fire Plans Examiner (Equivalent to NFPA 1031, Fire Plans Examiner I and II)

60 multiple-choice questions — Open Book — 3½-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|---------------------|-------------|---|
| Administration | 5% | 2006 <i>International Fire Code</i> |
| Occupancies | 15% | 2006 <i>International Building Code</i> |
| Hazardous Materials | 20% | |
| Fire Protection | 35% | NFPA 13 <i>Installation of Sprinkler Systems</i> , 2002 Edition |
| Egress and Safety | 25% | NFPA 72 <i>National Fire Alarm Code</i> , 2002 Edition |
| Total | 100% | |

FM Certified Fire Marshal

Prerequisite exams: Fire Inspector I; Fire Inspector II; Fire Plans Examiner, equivalent to NFPA 1031 Fire Plans I and Fire Plans II; Certified Building Official – Technology Module; Certified Building Official – Legal and Management Module.

60 multiple-choice questions — Open Book — 2-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|--|-------------|---|
| Public Information and Media Relations | 5% | 2006 <i>International Fire Code</i> |
| Development of Lesson Plans, Fire Material and Education Programs | 12% | 2006 <i>International Building Code</i> |
| Data Analysis | 5% | NFPA 921, 2004 Edition |
| Fire Play, Fire Setter and Arson Prevention | 7% | |
| Public Relations | 5% | IFSTA Intro to Fire Origin and Cause, 3 rd Edition |
| Fire Investigation | 10% | |
| Due Process, Local Statutes, 4 th and 14 th Amendments | 6% | |
| Fire Origin Determinations | 12% | |
| Fire Cause Determination | 7% | |
| Fire Scene Documentation | 6% | |
| Evidence Retrieval and Chain of Custody | 6% | |
| Interview Techniques and Suspect Questioning | 9% | |
| Criminology | 10% | |
| Total | 100% | |

Code Enforcement Examinations

21 Accessibility Inspector/Plans Examiner

60 multiple-choice questions — Open Book — 1½-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|---|-------------|--|
| General Administrative and Scoping Provisions | 10% | 2006 <i>International Building Code</i> , including Appendix E ICC/ANSI A117.1– 2003 (Standard on Accessible and Usable Buildings and Facilities) |
| Building Blocks | 12% | |
| Accessible Routes | 30% | |
| General Site and Building Elements | 9% | |
| Plumbing Facilities | 10% | |
| Communications Elements | 8% | |
| Special Rooms and Spaces | 10% | |
| Built-in Furnishings and Equipment | 3% | |
| Dwelling and Sleeping Units | 8% | |
| Total | 100% | |

14 Permit Technician

60 multiple-choice questions — Open Book — 2-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|-----------------------------|-------------|--|
| General Administration | 39% | 2006 <i>International Building Code</i> , Chapters 1-3, 6, 12 and 34 2006 <i>International Zoning Code</i> [®] |
| Legal Aspects | 22% | |
| Plans and Documents | 25% | |
| Zoning and Site Development | 14% | |
| Total | 100% | Legal Aspects of Code Administration, Copyright 2002 Basic Code Enforcement, Copyright 1999 (Eighth printing or later) |

75 Zoning Inspector

50 multiple-choice questions — Open Book — 1½-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|---|-------------|---|
| Legal Aspects of Zoning Inspection | 28% | 2006 <i>International Zoning Code</i> Legal Aspects of Code Administration, Copyright 2002 |
| Administrative Aspects of Zoning Inspection | 14% | |
| Plan Zoning | 16% | |
| Development Regulations | 22% | |
| Sign Regulations | 20% | |
| Total | 100% | |

Sample examination questions are available on the ICC website.

To get an idea of the style and format of questions on the actual examinations, go to www.iccsafe.org/certification, click on examination outlines and sample questions, and scroll down to the category of your choice. Click on that category for detailed information and sample questions.

Code Enforcement Examinations (continued)

64 Property Maintenance and Housing Inspector

50 multiple-choice questions — Open Book — 1½-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|----------------------------------|-------------|---|
| Administration and Legal | 22% | 2006 <i>International Residential Code</i> (specific code sections referenced below) |
| Light, Ventilation and Occupancy | 14% | |
| Fire and Life Safety | 14% | 2006 <i>International Property Maintenance Code</i> ® Legal Aspects of Code Administration, Copyright 2002 |
| Mechanical | 6% | |
| Plumbing | 10% | |
| Electrical | 8% | |
| Property Conditions | 26% | |
| Total | 100% | |

* 2006 *International Residential Code* sections for the Property Maintenance and Housing Inspector Examination:

| | | | |
|-------|--------------------------------------|-------|--|
| R202 | Definitions | G2427 | Venting of Equipment |
| R303 | Light, Ventilation and Heating | P2603 | Structural and Piping Protection |
| R308 | Glazing | P2801 | General |
| R309 | Garages and Carports | P2803 | Relief Valves |
| R310 | Emergency Escape and Rescue Openings | P2902 | Protection of Potable Water Supply |
| R311 | Means of Egress | P3105 | Fixture Vents |
| R312 | Guards | P3201 | Fixture Traps |
| R313 | Smoke Alarms | E3304 | General Equipment Requirements |
| R317 | Dwelling Unit Separation | E3305 | Equipment Location and Clearances |
| R319 | Protection Against Decay | E3504 | Overhead Service-drop and Service Conductor Installation |
| R1001 | Masonry Chimneys | E3801 | Receptacle Outlets |
| M1307 | Appliance Installation | E3802 | GFCI and AFCI Protection |
| M1701 | General | E3902 | Receptacles |
| M1901 | Ranges and Ovens | E3903 | Fixtures |
| M2005 | Water Heaters | E4103 | Equipment Location and Clearances |
| G2422 | Appliance Connections | E4108 | Spas and Hot Tubs |

C1 Coastal and Floodplain Construction Inspector

Prerequisite exam: B5 Building Inspector

60 multiple-choice questions — Open Book — 2-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|---|-------------|--|
| General Construction Provisions | 10% | 2006 <i>International Building Code</i> |
| Special High Wind Provisions and Load Path Continuity | 35% | 2006 <i>International Residential Code</i> |
| Special Flood Hazard Areas | 35% | |
| Detached and Attached Accessory Structures | 10% | SSTD 10-99 <i>Standard for Hurricane Resistant Residential Construction</i> (ICC) |
| Governmental Regulations | 10% | ANSI/AF&PA WFCM-2001 <i>Wood Frame Construction Manual for One- and Two-Family Dwellings</i> FEMA/NFIP <i>Elevation Certificate and Instructions</i> , 2002 FEMA <i>Home Builder's Guide to Coastal Construction</i> Technical Fact Sheets 1 to 30 FEMA 55 <i>Coastal Construction Manual</i> , 2000 ASCE/SEI 24-05 <i>Flood Resistant Design and Construction</i> |
| Total | 100% | |

Code Enforcement Examinations (continued)

DR Disaster Response Inspector

50 multiple-choice questions — Open Book — 2-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|--|-------------|---|
| Administration | 30% | 2006 <i>International Building Code</i> |
| Inspection | 60% | 2006 <i>International Residential Code</i> |
| Miscellaneous | 10% | 2006 <i>International Existing Building Code</i> [®] |
| Total | 100% | Applied Technology Council (ATC) 20 Procedures for post-earthquake safety evaluation of buildings, 1989 Edition |
| Please Note: Candidates are required to have at least one of the following certifications: | | ATC 20-1 Field Manual: post earthquake safety evaluation of buildings, 2 nd Edition, 2005\ |
| - Residential Inspector, Commercial Inspector, or Plans Examiner certification in either building, plumbing, mechanical or electrical; | | ATC 20-2 Addendum to the ATC-20 post earthquake building safety evaluation procedures, 1995 |
| - Fire Inspector I, Fire Plans Examiner, OR Certified Building Official. | | ATC 45 Field manual: safety evaluation of buildings after wind-storms and floods, 2004 |
| OR be a state licensed architect or engineer working for a municipality. | | NFPA 70, The National Electrical Code, 2005 Edition National Incident Management System - This is a federal program that candidates should be familiar with. It is not a publication. |

Sample examination questions are available on the ICC website.

To get an idea of the style and format of questions on the actual examinations, go to www.iccsafe.org/certification, click on examination outlines and sample questions, and scroll down to the category of your choice. Click on that category for detailed information and sample questions.

Certified Building Official Examinations

01 Certified Building Official Legal/Management Examination

100 multiple-choice questions — Open Book — 2-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|--|-------------|--|
| Financial Management | 9% | 2006 <i>International Building Code</i> |
| Records Management | 11% | |
| Personnel Management | 30% | 2006 <i>International Fire Code</i> |
| Interagency, Legislative and Public Communication Code Enforcement | 16% | 2006 <i>International Property Maintenance Code</i> |
| Total | 100% | 2006 <i>International Residential Code</i> |
| | | Legal Aspects of Code Administration, Copyright 2002 |
| | | <i>Building Department Administration</i> , 1989 |
| | | <i>Building Official Management Manual</i> 4 th Edition |
| | | The Effective Local Government Manager, Copyright 2004 |
| | | Basic Code Enforcement, Copyright 1999 (Eighth printing or later) |

02 Certified Building Official Technology Examination*

75 multiple-choice questions — Open Book — 2 hrs. 10 min. time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|-------------------------------|-------------|--|
| Architectural Plans Review | 35% | 2006 <i>International Building Code</i> |
| Structural Plans Review | 12% | |
| Building Systems Plans Review | 18% | 2006 <i>International Fire Code</i> |
| Field Inspection | 35% | 2006 <i>International Fuel Gas Code</i> |
| Total | 100% | 2006 <i>International Mechanical Code</i> |
| | | 2006 <i>International Plumbing Code</i> |
| | | 2006 <i>International Energy Conservation Code</i> |
| | | 2006 <i>International Residential Code</i> |
| | | ICC/ANSI A117.1– 2003 (Standard on Accessible and Usable Buildings and Facilities) |
| | | ASCE/SEI 24-05 <i>Flood Resistant Design and Construction</i> |
| | | 2005 National Electrical Code |

Please Note: Individuals certified as either **ICC Combination Inspector** or **ICC Combination Plans Examiner** are not required to pass the technology examination to obtain the ICC CBO certification. Candidates that only complete one of the two examinations (Technology or Legal/Management) have **three years** to complete certification.

Sample examination questions are available on the ICC website.

To get an idea of the style and format of questions on the actual examinations, go to www.iccsafe.org/certification, click on examination outlines and sample questions, and scroll down to the category of your choice. Click on that category for detailed information and sample questions.

Special Inspector Examinations

92 Prestressed Concrete Special Inspector

Prerequisite exam/certification: 47 Reinforced Concrete Special Inspector

Two part examination. Passing score on both parts is required.

90 multiple-choice questions — Open Book — 3½-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|--|-------------|---|
| General Requirements | 2% | 2006 <i>International Building Code</i> |
| Concrete Quality | 6% | |
| Reinforcement | 48% | ACI 318-05 Code Requirements for Structural Concrete and Commentary (2002 Edition is optional) |
| Prestressing and Grouting | 34% | |
| Framework, Joints and Embeds | 4% | Manual for Quality Control for Plants and Production of Structural Precast and Concrete Products - MNL 116-99, 4th Edition |
| Concrete Placement Protection and Curing | 6% | |
| Total Code and Plan Reading | 100% | |
| <p>Please Note: This exam consists of two parts with a TOTAL time of 3½ hours. Part 1 has 60 questions that refer to the codes and is open book. (Be sure you have the plans before starting the exam.) Part 2 has 30 questions that refer to plans. YOU MUST DECIDE HOW TO MANAGE YOUR TIME FOR THE TWO PARTS. Once you leave Part 1, you CANNOT go back to it. You will then have the remaining time for Part 2. As a guide to you, the exam is designed to require approximately 1½ hours for the plan reading part.</p> | | <p>ASTM Standard A416-04a and ASTM Standard A421-02 Please note: ASTM Standards are referenced in the 2006 <i>International Building Code</i>: ASTM REFERENCED STANDARDS. ASTM Standards are also in ACI Publication SP-71.</p> <p>Field Procedures Manual for Single Strand Tendons, 3rd Edition, 2000 (part of a 3 piece set)</p> <p>Specifications for Unbonded Single Strand Tendons, 2nd Edition, 2000 (part of a 3 piece set)</p> <p>Recommendations for Prestressed Rock and Soil Anchors, 3rd Edition (part of a 3 piece set)</p> <p>Model Program for Special Inspection</p> |

84 Structural Masonry Special Inspector

Two part examination. Passing score on both parts is required.

90 multiple-choice questions — Open Book — 3½-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|--|-------------|--|
| General Requirements | 9% | 2006 <i>International Building Code</i> , including ASTM referenced Standards |
| Materials | 16% | |
| Masonry Placement | 21% | Building Code Requirements for Masonry Structures |
| Reinforcement and Connector Placement | 30% | ACI 530-02/ASCE 5-05/TMS 402-05 |
| Grout Placement | 24% | |
| Total Code and Plan Reading | 100% | |
| <p>Please Note: This exam consists of two parts with a TOTAL time of 3½ hours. Part 1 has 60 questions that refer to the codes and is open book. (Be sure you have the plans before starting the exam.) Part 2 has 30 questions that refer to plans. YOU MUST DECIDE HOW TO MANAGE YOUR TIME FOR THE TWO PARTS. Once you leave Part 1, you CANNOT go back to it. You will then have the remaining time for Part 2. As a guide to you, the exam is designed to require approximately 1½ hours for the plan reading part.</p> | | <p>Specification for Masonry Structures ACI 530.1-02/ASCE 6-05/TMS 402-05</p> <p>Reinforced Grouted Brick Masonry, 14th Edition</p> <p>Reinforced Concrete Masonry Construction Inspectors Handbook, 5th Edition</p> <p>Model Program for Special Inspection</p> |

86 Spray-applied Fireproofing Special Inspector

40 multiple-choice questions — Open Book — 1½-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|---|-------------|--|
| General Requirements | 20% | 2006 <i>International Building Code</i> |
| Materials, Preparation, Application and Testing | 80% | Technical Manual 12-A, 3rd Edition; Standard Practice for the Testing and Inspection of Field Applied Sprayed Fire-Resistive Materials; an Annotated Guide |
| Total | 100% | Technical Manual 12-B, 2nd Edition; Standard Practice for the Testing and Inspection of Field Applied Thin Film Intumescent Fire-Resistive Materials; an Annotated Guide Model Program for Special Inspection |

S1 Structural Steel and Bolting Special Inspector

Two part examination. Passing score on both parts is required.

90 multiple-choice questions — Open Book — 3½-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|--|-------------|---|
| General Requirements | 11% | 2006 <i>International Building Code</i> |
| Material Sampling, Testing and Verification | 18% | |
| High-Strength Bolting | 44% | Model Program for Special Inspection |
| Steel Framing Observation | 27% | Steel Construction Manual, 13th Edition |
| Total Code and Plan Reading | 100% | |
| <p>Please Note: This exam consists of two parts with a TOTAL time of 3½ hours. Part 1 has 60 questions that refer to the codes and is open book. (Be sure you have the plans before starting the exam.) Part 2 has 30 questions that refer to plans. YOU MUST DECIDE HOW TO MANAGE YOUR TIME FOR THE TWO PARTS. Once you leave Part 1, you CANNOT go back to it. You will then have the remaining time for Part 2. As a guide to you, the exam is designed to require approximately 1½ hours for the plan reading part.</p> | | |

S2 Structural Welding Special Inspector

Prerequisite exam/certification: S1 Structural Steel and Bolting Special Inspector

Two part examination. Passing score on both parts is required.

90 multiple-choice questions — Open Book — 3½-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References |
|--|-------------|---|
| General Requirements | 8% | 2006 <i>International Building Code</i> |
| Materials Sampling, Testing and Verification | 22% | |
| Structural, Reinforcing and Sheet Steel Welding | 70% | Model Program for Special Inspection |
| Total Code and Plan Reading | 100% | |
| <p>Please Note: This exam consists of two parts with a TOTAL time of 3½ hours. Part 1 has 60 questions that refer to the codes and is open book. (Be sure you have the plans before starting the exam.) Part 2 has 30 questions that refer to plans. YOU MUST DECIDE HOW TO MANAGE YOUR TIME FOR THE TWO PARTS. Once you leave Part 1, you CANNOT go back to it. You will then have the remaining time for Part 2. As a guide to you, the exam is designed to require approximately 1½ hours for the plan reading part.</p> | | |
| | | AWS Structural Welding Code: - D1.1 (2000/2002/2004) - Steel - D1.3 (1998) - Sheet Steel - D1.4 (1998) - Reinforcing Steel AWS Standard Symbols for Welding, Brazing and Nondestructive Examination (A2.4-98) |

47 Reinforced Concrete Special Inspector

Two part examination. Passing score on both parts is required.
90 multiple-choice questions — Open Book — 3½-hour time limit

For expanded outline go to: www.iccsafe.org/certification/professional

| Content Area | % of Total | References | |
|---|-------------|---|---|
| General Requirements | 10% | 2006 <i>International Building Code</i> | |
| Concrete Quality | 20% | | |
| Reinforcement | 39% | 2005 ACI 318 Building Code Requirements for Structural Concrete and Commentary (2002 Edition is optional) | |
| Framework, Joints and Embeds | 14% | | |
| Concrete Placement Protection and Curing | 17% | | |
| Total | 100% | ASTM Standard A615/A 615M-00 | |
| Please Note: This exam consists of two parts with a TOTAL time of 3½ hours. Part 1 has 60 questions that refer to the codes and is open book. (Be sure you have the plans before starting the exam.) Part 2 has 30 questions that refer to plans. YOU MUST DECIDE HOW TO MANAGE YOUR TIME FOR THE TWO PARTS. Once you leave Part 1, you CANNOT go back to it. You will then have the remaining time for Part 2. As a guide to you, the exam is designed to require approximately 1½ hours for the plan reading part. | | ASTM Standard A704/A 706-04a | |
| | | | ASTM Standard C31/C 31M-98 |
| | | | ASTM Standard C94/C 94M-04 |
| | | | ASTM Standard C172-04 |
| | | | ASTM Standard C330-04 |
| | | | Please note: ASTM Standards are referenced in the 2006 <i>International Building Code</i> : ASTM REFERENCED STANDARDS. ASTM Standards are also in ACI Publication SP-71. |
| | | | Model Program for Special Inspection ICC 2003 or 2006 Concrete Manual |

To obtain certification as a Reinforced Concrete Special Inspector, you must complete four components:

1. Obtain the Certification of Completion by passing the ICC Reinforced Concrete Special Inspector certification exam;
2. Obtain certification by ACI as an ACI Concrete Field Testing Technician -Grade I; and achieve the Associate Reinforced Concrete Special Inspector Certification; then
3. Meet one of the following three education/work experience requirements:
 - 1.) Two years of verified college or technical school (copy of diploma or transcript required) **and** two years of verified work experience in reinforced concrete construction inspection.
 - 2.) High-school or equivalent graduate (copy of diploma or certificate required) **and** three years of verified work experience in reinforced concrete construction inspection.
 - 3.) Five years of verified work experience in reinforced concrete construction inspection.
4. Provide verification of the work experience:
 - 1.) Complete Sections A and B of the **Education/Work Experience Form** located on page 30. **Note:** Work experience during this time period must include decision-making responsibility and authority; verification of compliance with plans, specifications and codes; evaluation of reinforced concrete construction in the field; and documentation and reporting of inspection results. Inspection experience must include the following: formwork installation, reinforcements, embedments; sampling and testing of freshly mixed concrete; conveying, placing, consolidating, finishing and jointing; curing protection and formwork removal.
 - 2.) Submit copies of this form along with the **Information for Respondent** sheet on page 29 to your present and/or former employers, who are called **Respondents**. Send this form to as many respondents as needed to prove the amount of work experience that applies to your particular situation as described above.

3.) Each respondent completes Section C of the Education/Work Experience form, signs it and returns the form to you in sealed envelope(s).

4.) You then complete the **Payment Information Form** on page 32 and send it with the fee along with all of the sealed envelope(s) from respondents and copies of your transcript(s) or diploma(s), if applicable, by traceable mail (certified, registered, UPS, etc.) to:

ACI Certification Department

Attn: Exam Processing
38800 Country Club Drive
Farmington Hills, MI 48331
248-848-3790

What happens next?

ACI will evaluate the form(s) and notify you of the results of the evaluation within 60 days of the receipt of the information. ACI will then send a copy of these results to ICC to process your certification.

Reinforced Concrete Special Inspector Associate

If you have passed the Reinforced Concrete Special Inspector certification exam and obtained ACI Field Technician Grade I, you qualify for Reinforced Concrete Special Inspector Associate. To receive the RCSI “Associate” certificate, submit documentation of passing the exam and also certification as ACI Field Technician Grade I to:

International Code Council
Los Angeles District Office
Certification Department
5360 Workman Mill Road
Whittier, CA 90601

This form is for employers of special inspectors for verification of work experience.

INFORMATION FOR RESPONDENT SHEET

REINFORCED CONCRETE SPECIAL INSPECTOR CERTIFICATION PROGRAM

Dear present or former employer of an applicant for Reinforced Concrete Special Inspector:

You are asked by an applicant for certification to be a *Respondent* in order to verify information concerning the applicant's work experience. You are asked to complete, sign and return an **Education/Work Experience Form** because one of the requirements to obtain certification as a Reinforced Concrete Special Inspector is to have certain education and/or work experience.

COMPLETING THE EDUCATION/WORK EXPERIENCE FORM

This form is used to indicate the applicant's previous work experience. Sections A and B should already be completed by the applicant. You are being asked to complete Section C and sign the form.

Note that in Section B, Item 6, the percentage that is entered should reflect actual circumstances as closely as possible. This number is based on the idea that 100 percent is equal to 40 hours per week working solely on concrete inspection-related work. Lower percentages would apply if the average work week (over the time period in Section B, Item 5) was less than 40 hours; or, the applicant had divided job responsibilities between concrete inspection and nonconcrete inspection-related work. Time off during the period will lower the percentage. Overtime will increase the percentage. It is possible for the percentage to be higher than 100 percent.

Example: An applicant who had a mathematically averaged work week of 50 hours and who worked totally on concrete inspection would be given a rating of 125 percent. If the same applicant worked one-half of their time on concrete inspection, the rating would be 63 percent (one-half of 125 percent).

If you feel the percentage given is not accurate in your judgment, or if any other information is deficient, please cross it out and write in your correction. Applicants are in no way penalized for having forms with information that has been modified by the respondent, unless intentional deception is involved.

Please Return the Form Promptly to the Applicant in a Sealed Envelope.

If any questions or uncertainties arise regarding the meaning of these instructions, please contact the ACI's Certification Department at (248) 848-3790.

SECTION B (continued)

- | | | |
|--|--------------------------|--------------------------|
| 8. In this time period, my work experience included: | Yes | No |
| Decision-making responsibility and authority | <input type="checkbox"/> | <input type="checkbox"/> |
| Verification of compliance with plans, specifications, codes | <input type="checkbox"/> | <input type="checkbox"/> |
| Evaluation of reinforced concrete construction in the field | <input type="checkbox"/> | <input type="checkbox"/> |
| Documentation and reporting of inspection results | <input type="checkbox"/> | <input type="checkbox"/> |

Applicant signs below

I authorize those whom I have given as references to furnish to the American Concrete Institute or its agents information concerning my work experience and other background relevant to the stated requirements of the Reinforced Concrete Special Inspector certification program. I agree to release and hold harmless any individual, company or institution, including the American Concrete Institute, and any persons connected therewith from liability imposed by law in furnishing such information.

I understand that untruths or misrepresentation contained herein constitute grounds for denial of certification.

Signature of Applicant

Date

Print Name

SECTION C (To be completed by respondent)

To the respondent: Please examine all of the information provided by the applicant in Section B. You are being asked to verify work experience in order for this applicant to meet qualifications for certification as a Reinforced Concrete Special Inspector. Please note that the disclaimer signed by the applicant in Section B above releases you from civil liability in regard to statements, provided to the best of your knowledge, about the applicant, and establishes that the applicant is freely requesting that you provide this information.

1. The information provided in Section B is:

correct as stated. correct as modified.

Take note of stated dates and time periods, job responsibilities, etc., and correct any and all inconsistencies and ambiguities by writing in corrections in Section B.

2. In the time period listed in Section B, #5, I would characterize the applicant's job performance as:

Satisfactory Unsatisfactory No Opinion

NOTE: If any box other than "satisfactory" is checked, explain reasons in detail below.

3. Comments _____

Respondent signs below:

I have honestly evaluated the information being submitted on this form by the applicant. I have supplied whatever modifications may have been necessary to make all statements herein conform to the truth, to the best of my knowledge. I submit this form in the belief that it contains no misrepresentations whatsoever.

Signature of Respondent

Date

Print Name

Title

Present Employer

Employer Telephone

IMPORTANT NOTE TO RESPONDENT:

The applicant should not see this form after you have completed Section C.

Return the completed form to the applicant in a sealed envelope.

PAYMENT INFORMATION
Reinforced Concrete Special Inspector

Personal Data - Please print clearly

Date _____

Name _____

Street _____

City _____ State _____ Zip _____

Country _____

Phone _____ FAX _____

Method of payment - Select one and provide all info; checks must be in U.S. funds, drawn on a U.S. bank.

Checks are to be **made payable to "ACI" in the amount of \$33**

Personal Check Cashier's Check, No. _____

Visa MasterCard

If you are using a credit card please provide:

Account No. _____ Credit Card Expiration Date _____

Return this sheet with your completed Education/Work Experience forms and copies of your transcript(s)/ diploma(s) by traceable mail (certified, registered, UPS, etc.) to:

ACI Certification Department
ATTN: Exam Processing
38800 Country Club Drive
Farmington Hills, Michigan 48331

For any questions, call ACI at (248) 848-3790.

Master Code Professional Designation



The Master Code Professional (MCP) is the highest level of certification in the program. ICC has certified thousands of individuals but only a small select number have attained this high level of achievement. Currently, there are less than 500 individuals that have received the Master Code Professional designation. This special group is awarded the gold colored ICC lapel pin in addition to the MCP Certificate. To obtain this level of certification requires and demonstrates commitment to the profession, diverse knowledge of codes, and a high level self initiative.

Master Code Professionals are typically responsible for all technical and management aspects of code enforcement. Duties include, but are not limited to:

- management of a code enforcement department.
- supervision of building, plumbing, mechanical, electrical and elevator inspectors and support staff.
- performing or supervising performance of building, electrical, plumbing and mechanical plan review.
- when necessary, inspecting or supervising inspection of structures for compliance with the International Codes and referenced standards.

| Examination Credit Values for Master Code Professional | | | |
|--|-----------|---|-----------|
| Total Credits Required = 30 | | | |
| Core Examinations | | Elective Examinations | |
| | Credit(s) | | Credit(s) |
| Residential Building Inspector | 2 | Certified Fire Marshal (CFM) | 1 |
| Commercial Building Inspector | 3 | Residential Electrical Inspector | 1 |
| Commercial Electrical Inspector | 2 | Residential Mechanical Inspector | 1 |
| Commercial Mechanical Inspector | 2 | Residential Plumbing Inspector | 1 |
| Commercial Plumbing Inspector | 2 | Electrical Plans Examiner | 2 |
| Building Plans Examiner | 3 | Mechanical Plans Examiner | 2 |
| Accessibility Inspector/Plans Examiner | 1 | Plumbing Plans Examiner | 2 |
| Certified Building Official (CBO) | 4 | Fire Inspector I | 1 |
| | | Fire Inspector II | 1 |
| | | Fire Plans Examiner | 2 |
| | | Residential Energy Inspector/Plans Examiner | 2 |
| | | Commercial Energy Inspector | 1 |
| | | Commercial Energy Plans Examiner | 2 |
| Total Core Credits Required = 19 | | Reinforced Concrete Special Inspector | 2 |
| | | Property Maintenance and Housing Inspector | 1 |
| | | Total Elective Credits Required = 11 | |

Below ICC Certifications have the following values:

- Building Inspector: 5 credits
- Electrical Inspector: 3 credits
- Plumbing Inspector: 3 credits
- Mechanical Inspector: 3 credits

Note: You cannot count both the component exams and the complete certification.

Option

Candidates that have the following certifications also qualify for Master Code Professional:

- Certified Building Code Official (CBCO)
- Certified Electrical Code Official (CECO)
- Certified Mechanical Code Official (CMCO)
- Certified Plumbing Code Official (CPCO)
- Accessibility Inspector/Plans Examiner
- Residential Energy Inspector/Plans Examiner, or
Commercial Energy Inspector, or
Commercial Energy Plans Examiner

Computer-based Testing

Registering for a Computer-based Examination

Computer-based certification examinations are administered for ICC by Promissor, a professional test administration company. **To register to take an ICC computer-based certification exam , call Promissor at 1-800-275-8301. You must provide the Promissor representative the EXAM ID and EXAM TITLE.** Promissor’s customer care reservations and customer service lines are open Monday through Friday from 8:00 a.m. to 11:00 p.m. (Eastern Time), Saturday from 8:00 a.m. to 5:00 p.m., and Sunday from 10:00 a.m. to 4:00 p.m.

When you call to make your examination reservation, a representative will help you select the optimal test date and location for your schedule, provide instructions and directions, and give your examination reporting time. Walk-in testing is not available.

You may make an exam reservation up to one business day prior to your desired exam date, depending on space availability at the test center.

You must have the following information available at the time you are registering for an ICC computer-based certification examination:

1. Exam ID and title. Exam IDs and titles can be found in this bulletin
2. Your full name, address, social security number, home and work telephone number.
3. Selected examination date and location of the area you desire to take the exam.
4. Your score report, if you are retaking the examination.
5. Your credit card or payment information.

Test-site Information

To locate test sites in your area, see page 39.

Payment Policy

Examination fees must be paid by credit card, debit card (issued through VISA or MasterCard) or electronic check at the time a reservation is made, NOT at the test center. Candidates who do not have or do not wish to use a credit card, debit card, or personal checking account may choose to prepay their examination fees by filling out and sending in a voucher request form to Promissor (see page 41 for a copy of the Promissor Voucher Request Form). Promissor will process mailed requests within ten business days, and will notify candidates by mail when processing is complete. Candidates may then make a reservation.

Taking the Examinations

Examinations are administered on a personal computer (PC). Candidates are not required to have any computer knowledge to take the examination on the PC. Before you begin your test, you may take up to 15 minutes to practice with the sample questions. Timing of the examination does not begin until you look at the first question of the actual examination. You will be allowed to change your answers, mark answers for review, go back to skipped questions and, time permitting, review your test.

Examination Dates

The examinations are administered nationally, Tuesday through Saturday, with the exception of national holidays or holiday weekends. Testing sessions are generally held at 8:00 a.m. and 1:00 p.m. Some test centers are open daily, while others are open on specific days of the week. In some locations, exams are administered on a monthly basis. Promissor's offices are closed in observance of the following holidays:

New Year's Day Holiday
Martin Luther King Jr. Day
President's Day
Spring Holiday
Memorial Day Holiday
July 4th Holiday

Labor Day Holiday
Columbus Day
Thanksgiving Holiday
Christmas Holiday
New Year's Eve Holiday

Inclement Weather or Other Emergencies

Test administrations will be delayed or canceled only in emergencies. If severe weather or a natural disaster makes the test center inaccessible or unsafe, the test administration may be canceled. Call Promissor at 1-800-274-2615.

How to Change an Examination Appointment

To change or cancel your reservation without monetary penalty, you must notify Promissor two business days before your scheduled examination. When this is done, the fee from your first appointment will be applied to your new test date. If you call Promissor less than two business days before your scheduled examination, you will be charged the full examination fee. The fee from your first appointment will be owed in addition to the fee for the new test date.

To Cancel without Monetary Penalties

| You must cancel or change you appointment by: | If your examination is scheduled for the following: |
|--|--|
| Wednesday | Saturday |
| Thursday | Tuesday |
| Friday | Wednesday |
| Monday | Tuesday |
| Tuesday | Friday |

If You are Absent from Your Reserved Examination

There are no refunds for examinations not taken. All candidates seeking excused absences must submit written verification and supporting documentation of the situation to Promissor within 14 days of the original examination date. Illness excuses must be written by the attending physician. Inclement weather is not acceptable as an excused absence. If, on the day you are scheduled to test, you are unable to attend the examination for which you were scheduled, you may be excused without monetary penalty for the following reasons:

1. Documented illness, either yourself or immediate family member;
2. Death in the immediate family;
3. Disabling traffic accident;
4. Court appearance or jury duty; or
5. Military duty.

If you are absent from an examination that you were scheduled to attend, and you did not reschedule or cancel according to the policy, you will owe Promissor the full examination fee for that missed examination. You will not be permitted to take future exams until the fee owed Promissor for the previous missed examination has been paid.

Test Results

After completing the test, candidates will raise their hands and the assessment center manager will retrieve the unit for immediate scoring. Failing candidates will be provided with diagnostic information on their performance on major content areas of each examination taken. This information is not used to determine whether a candidate passes or fails; it is for self-evaluation only. Candidates who pass will be notified with the word "PASS". Refer to Examination Scoring on page 9.

Special Arrangements and Services

Promissor certifies that it shall comply with the provisions of the Americans with Disabilities Act (ADA). If you need special arrangements for testing, you may ask for special testing services. All examination sites have access for candidates with disabilities.

Promissor will provide auxiliary aids and services, except where it may fundamentally alter the examination or results. It is recommended that you submit a written request for special test arrangements and services approximately two to three weeks in advance of your desired test date. In addition, candidates should indicate when registering for re-examination that special arrangements were made or services used for the prior test administration and that these services will be needed again for the upcoming test date.

Promissor is equipped with TDD (Telecommunications Devices for the Deaf) to assist deaf and hearing-impaired candidates. TDD calling is available during standard business hours through a special Promissor toll free number, 1-800-274-2617. This phone number is for express use by candidates with compatible TDD equipment.

Promissor will determine the time and place of specially arranged examinations and confirm these arrangements with the candidate directly. In some cases there may be an additional fee for special arrangements.

In the event that an examination is offered only on Saturdays, candidates who cannot take the examination for religious reasons may request a non-Saturday test administration. Such a request must be put in writing on official stationery by your religious advisor and sent via fax machine, or mailed to Promissor. Non-Saturday testing for this circumstance is done only on a prearranged basis.

Promissor Computer-based Testing Locations (Locations are subject to change.)

| | | | |
|----|--|--|---|
| AK | Anchorage, Fairbanks, Juneau | NC | Asheville, Huntersville, New Bern, Raleigh, Statesville, Wilmington |
| AL | Hoover/Birmingham, Vinemont | ND | Fargo |
| AR | Jonesboro, Little Rock, Springdale, Texarkana | NE | Omaha |
| AZ | Phoenix, Tucson | NH | Portsmouth |
| CA | Bakersfield, Fresno, Glendale, Hayward, Oakland, Livermore, Riverside, Sacramento, San Diego, Santa Monica | NJ | Cedar Knolls, Edison, Fairfield, Hamilton Township, Millburn/Springfield, Mt. Laurel, Northfield, Toms River |
| CO | Colorado Springs, Durango, Grand Junction, Greeley, Greenwood Village, Pueblo, Wheat Ridge, Greenwood Village | NM | Albuquerque, Farmington, Roswell, Santa Fe |
| CT | Manchester, Plainville | NV | Las Vegas, Reno |
| DC | Washington, DC | NY | Amherst/Buffalo, Garden City, Latham/Albany, New York, Rochester, Syracuse, White Plains |
| DE | Dover, New Castle | OH | Beechwood, Clayton, Cleveland/ N. Olmsted, Cincinnati, Columbus, Dayton/Miamisburg, Defiance, Fairlawn |
| FL | Boynton Beach, Coral Gables, Doral, Fort Lauderdale, Fort Myers, Fort Myers 2, Gainesville, Hollywood, Jacksonville, Lake Mary, Melbourne, Miami, Orlando, Ormond Beach, Pensacola, Sarasota, St. Petersburg, Tallahassee, Tampa | OK | Oklahoma City, Tulsa |
| GA | Albany, Augusta, Macon, Marietta North, Norcross, Savannah | OR | Eugene, Medford, Portland/Tigard, Redmond |
| HI | Honolulu, Kahului (Maui), Lihue (Kauai), Waikoloa (Hawaii), Hilo | PA | Bala Cynwyd, Harrisburg, Pittsburgh, Scranton |
| IA | Des Moines, Dubuque, Sheldon, Sioux City | RI | East Providence |
| ID | Boise, Coeur d'Alene, Pocatello | SC | Columbia, Greenville |
| IL | Carterville, Chicago, East Moline, Oak Brook, Schaumburg, Springfield | SD | Sioux Falls |
| IN | Evansville, Gary, Indianapolis, Lafayette, Marion, Michigan City, Muncie | TN | Chattanooga, Jackson, Johnson City, Knoxville, Memphis, Nashville |
| KS | Hays, Overland Park, Topeka, Wichita | TX | Abilene, Amarillo, Arlington, Austin, Beaumont, Corpus Christi, Dallas/Plano, El Paso, Houston, Lubbock, McAllen/Harlingen, Midland, San Antonio, Waco, Wichita Falls |
| KY | Lexington, Louisville | UT | Midvale, Ogden, Provo |
| LA | Baton Rouge, Metairie, Shreveport | VA | Falls Church, Lynchburg, Norfolk, Richmond, Winchester |
| MA | Boston, North Dartmouth, West Springfield, Woburn, Worcester | VT | Rutland |
| MD | Crofton, Cumberland, Parkville | WA | Everett, Kennewick (Pasco), Lacey (Olympia), Spokane, Tukwila/Seattle, Vancouver, Wenatchee, Yakima |
| ME | Bangor, Portland | WI | Eau Claire, Elm Grove, Green Bay, Madison, Wausau |
| MI | Bingham Farms, Grand Rapids, Lansing, Marquette | WV | Beckley, Dunbar (Institute), Morgantown |
| MN | Duluth, Edina, Rochester | WY | Cheyenne |
| MO | Independence, Kansas City, Kirksville, St. Ann, Springfield | LOCATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. | |
| MS | Jackson | Visit www.iccsafe.org/certification for the most up-to-date site information. | |
| MT | Billings, Helena, Missoula | | |

| PROMISSOR [®] | | Fax Reservation Form (Please print clearly) | |
|---|--|--|----------------|
| Today's date: | Time of Day: | Candidate/Sponsor Signature: | |
| Last Name: | | First Name: | Initial: |
| Birth Date: / / | Social Security Number: | Your Fax #: () | |
| Address: | | | |
| City: | State: | ZIP: | Telephone: () |
| Program (insurance, nurse aide, etc.): | | | State: |
| Assessment Center Code: | | Exam Session: <input type="checkbox"/> am <input type="checkbox"/> pm | Exam Date: / / |
| 1 st Exam Code: | 2 nd Exam Code: | 2 nd Choice: <input type="checkbox"/> am <input type="checkbox"/> pm | Exam Date: / / |
| School Code: | May we register you for the next exam date if your two choices are taken? <input type="checkbox"/> yes <input type="checkbox"/> no | | |
| Credit Card Payments: | | Electronic Check Payments: | |
| <input type="checkbox"/> MasterCard <input type="checkbox"/> VISA <input type="checkbox"/> AmExpress <input type="checkbox"/> Discover Card #: _____ Expiration Date: / / Signature: _____ | | Bank Name: _____ MICR #: _____ Next Available Check #: _____ Name/Address on Account: (if different from above) | |
| For Promissor Use ONLY | | | |
| Promissor ID# Assigned: | | Voucher #: | |
| Reservation Date: / / | Time: | TC#: | |

Fax to Promissor at (888) 204-6291.

| PROMISSOR [®] | | Voucher Request Form (Please print clearly) | |
|--|--------|---|---|
| Last Name: | | First Name: | Initial: |
| Address: | | | |
| City: | State: | ZIP: | Payment Type: <input type="checkbox"/> Money Order <input type="checkbox"/> Company Check |
| Day Phone: () | | Evening Phone: () | |
| Email Address (if you want the voucher # emailed to you): | | | |
| Program (insurance, nurse aide, etc.): | | | State: |
| Name of Examination: | | | |
| Make all checks payable to "Promissor" and mail this form to: Promissor, c/o AP Voucher Program, PO Box 41508, Philadelphia, PA 19101-1508. | | | |

Paper-and-Pencil Testing

Registering for a Paper-and-Pencil Examination

A registration application is required to be completed and forwarded to ICC with pre-payment. The application can be found in this bulletin on page 45-46.

Approximately two weeks prior to the examination date, ICC will send a confirmation letter stating the examination(s) for which the candidate is registered, examination date, reporting time(s) and examination center address.

Written Examination Absence and Refund Policy

A candidate will be refunded 80 percent of the written examination registration fee when cancellation is made at least 14 days prior to the scheduled examination date. If cancellation is made less than 14 days before the scheduled examination date, 50 percent of the registration fee is refunded. Candidates also have a one-time-only option to transfer their paid registration to the next scheduled examination administration date with a \$50 administrative fee. Transfers must be requested in writing and received at ICC no later than the day prior to your scheduled exam date.

If a candidate does not appear on his or her scheduled examination date, no refund is made, and the option to transfer registration to the next scheduled examination administration will require written request within 7 days of the examination date. The following reasons will be accepted:

1. Documented illness, either yourself or immediate family member;
2. Death in the immediate family;
3. Disabling traffic accident;
4. Court appearance or jury duty; or
5. Military duty.

Special Requests for Examination Administration

If you have a disability that prohibits you from taking the examination under standard conditions, you may request special arrangements. Your request must accompany your registration form. In addition to the letter of request, a special accommodations form must be submitted. This form may be obtained by contacting the ICC National Certification Services Department. Please contact the department for instructions concerning the required information before you submit your application. Completed accommodations forms must be submitted and approved by the examination department a minimum of three months prior to the requested examination administration date.

Taking the Examinations

Quiet must be maintained both inside and outside the examination room. If you are waiting outside the examination room, make sure that you are not talking loudly or in any way disturbing the participants in the examination room.

Each candidate will be given a packet containing an examination booklet, plans (if appropriate), an answer sheet, a sheet for calculations, and a comment sheet. You will not need additional scratch paper. All of this material must be enclosed in the return envelope along with the original envelope and confirmed by the proctor.

Each question in the booklet has one, and only one, correct answer. In answering the questions, select the one response which answers each question and mark the corresponding space on the answer sheet. If more than one response or no response is marked, no credit will be given for the question.

Keep track of time. You will have time to complete the examination and check your work if you work steadily, and do not spend too much time on those questions that are difficult for you. After a reasonable time, mark on the answer sheet the answer you think is correct and go on to the next question. Then, if you finish before time is called, you can go back to the questions you have doubts about.

All questions have equal value. Your score will be based on the number of correct answers you give; therefore, it is to your advantage to answer every question.

All marks other than your chosen answers must be erased completely. Do not rest your pencil in the response area, since this may inadvertently cause stray marks that could be taken for a response by the optical reading equipment.

Any comments pertinent to the examination or site should be recorded by you on the comment sheet and returned with all examination materials to the proctor in the return envelope. Under no circumstances are examination materials to be taken from the room.

All examination materials received at the examination site must be returned to the proctor. Failure to return all materials will disqualify the candidate's score and ICC may refuse any future applications from the candidate for testing.

Paper-and-Pencil Examination Results

All examinees are notified by mail of their examination results from three to four weeks after the examination date. Candidate results are not available by telephone. Information is also posted on the Internet at www.iccsafe.org/certification.



INTERNATIONAL
CODE COUNCIL
*People Helping People
Build a Safer World™*

10/11/06

2007 Paper/Pencil Certification Examination Application

| EXAM DATES | DEADLINE TO REGISTER | EXAM DATES | DEADLINE TO REGISTER |
|---|----------------------|--|----------------------|
| <input type="checkbox"/> March 10, 2007 | January 26, 2006 | <input type="checkbox"/> September 8, 2007 | July 20, 2007 |
| <input type="checkbox"/> June 9, 2007 | April 27, 2007 | <input type="checkbox"/> December 8, 2007 | October 26, 2007 |

Exam Candidate Information:

Name: _____ Social Security Number (optional): _____

Street Address: _____ City: _____ State: _____ Zip: _____ - _____

(____) _____ (____) _____ (____) _____
Business Telephone Number Home Telephone Number Fax Number

Which telephone # do you want to be listed in the ICC Certification Registry? (Check one) Home Both Work None
Do you want your mailing address listed in the ICC Certification Registry? Yes No
Would you like to receive information about ICC services and products via e-mail? Yes No E-mail: _____

- I have a copy of the 2007 ICC National Certification Examination Program Bulletin. If you do not have a copy of the Bulletin, go to www.iccsafe.org/certification or call: 1-888-422-7233, ext. 33806.

CERTIFICATION EXAMINATION SITES (Sites are subject to change.)

- | | | | |
|--|---|---|---|
| <input type="checkbox"/> Birmingham, Alabama | <input type="checkbox"/> Pinellas Park, Florida | <input type="checkbox"/> Eugene, Oregon | <input type="checkbox"/> Gallatin, Tennessee |
| <input type="checkbox"/> Fair Hope, Alabama | <input type="checkbox"/> Tallahassee, Florida | <input type="checkbox"/> Broomall, Pennsylvania | <input type="checkbox"/> Knoxville, Tennessee |
| <input type="checkbox"/> Phoenix, Arizona | <input type="checkbox"/> West Palm Beach, Florida | <input type="checkbox"/> Canonsburg, Pennsylvania | <input type="checkbox"/> Memphis, Tennessee |
| <input type="checkbox"/> Rogers, Arkansas | <input type="checkbox"/> Lawrenceville, Georgia | <input type="checkbox"/> Clearfield, Pennsylvania | <input type="checkbox"/> Corpus Christi, Texas |
| <input type="checkbox"/> Little Rock, Arkansas | <input type="checkbox"/> Macon, Georgia | <input type="checkbox"/> Harrisburg, Pennsylvania | <input type="checkbox"/> El Paso, Texas |
| <input type="checkbox"/> Bradenton, Florida | <input type="checkbox"/> Marietta, Georgia | <input type="checkbox"/> Meadville, Pennsylvania | <input type="checkbox"/> La Porte, Texas |
| <input type="checkbox"/> Fort Myers, Florida | <input type="checkbox"/> Morrow, Georgia | <input type="checkbox"/> Scranton, Pennsylvania | <input type="checkbox"/> Laredo, Texas |
| <input type="checkbox"/> Jacksonville, Florida | <input type="checkbox"/> Crystal Lake, Illinois | <input type="checkbox"/> Williamsport, Pennsylvania | <input type="checkbox"/> McAllen, Texas |
| <input type="checkbox"/> Lowell, Florida | <input type="checkbox"/> Godfrey, Illinois | <input type="checkbox"/> Youngwood, Pennsylvania | <input type="checkbox"/> San Marcos, Texas |
| <input type="checkbox"/> Miami, Florida | <input type="checkbox"/> New Orleans, Louisiana | <input type="checkbox"/> Charleston, South Carolina | <input type="checkbox"/> Sulphur Springs, Texas |
| <input type="checkbox"/> Orlando, Florida | <input type="checkbox"/> Vicksburg, Mississippi | <input type="checkbox"/> Columbia, South Carolina | <input type="checkbox"/> Fairfax, Virginia |
| <input type="checkbox"/> Palm Bay, Florida | <input type="checkbox"/> Las Vegas, Nevada | <input type="checkbox"/> Conway, South Carolina | <input type="checkbox"/> Richmond, Virginia |
| <input type="checkbox"/> Pensacola, Florida | <input type="checkbox"/> Norman, Oklahoma | <input type="checkbox"/> Greenville, South Carolina | <input type="checkbox"/> Bellevue, Washington |

CERTIFICATION EXAMINATIONS AND FEES

Starting Time 8:00 a.m.

SELECT ONLY ONE

- Residential Building Inspector . . . \$100*
- Residential Plumbing Inspector . . . \$100*
- Commercial Mechanical Insp. . . . \$170*
- Fire Inspector I \$170
- Residential Energy Insp/PE \$170
- Accessibility Insp/PE \$170
- Property Maintenance & Housing . \$170
- Certified Fire Marshal \$170

Starting Time 10:30 a.m.

SELECT ONLY ONE

- Residential Mechanical Inspector \$100*
- Residential Electrical Inspector . \$100*
- Commercial Plumbing Inspector. \$170*
- Fire Inspector II \$170
- Commercial Energy Inspector . . \$170
- Permit Technician. \$170
- Zoning Inspector \$170
- Disaster Response Inspector. . . \$170
- CBO Legal/Management \$100

Starting Time 1:30 p.m.

SELECT ONLY ONE

- Commercial Building Inspector . \$170*
- Commercial Electrical Inspector \$170*
- Building Plans Examiner \$170
- Electrical Plans Examiner \$170
- Mechanical Plans Examiner . . . \$170
- Plumbing Plans Examiner \$170
- Commercial Energy PE \$170
- Fire Plans Examiner \$170
- CBO Technology. \$100
- Coastal Cnstr. & Floodplain Insp. \$170

* DISCOUNT OPPORTUNITY:

For the same date, register for a Residential Building, Electrical, Mechanical or Plumbing Inspector Exam with a Commercial Building, Electrical, Mechanical or Plumbing Exam for a combined price of \$215.

The front and back of this application must be completed to process.

Exam References and Fees

Required References and Order Number

To order call 1-800-786-4452 or go to www.iccsafe.org - "ICC Store"

| Year | Reference | ICC Product # | | Year | Reference | ICC Product # | |
|--|--|-------------------------------|------------|------------------------------|--|--------------------------------|---------------------|
| | | Soft | Loose Leaf | | | Soft | Loose Leaf |
| International Codes and Standards | | | | 2003 | Concrete Manual - ICC | 9090S03 | |
| 2006 | Building Code | 3000S06 | 3000L06 | 2004 | The Effective Local Government Manager | 9505S3 | |
| 2006 | Building Code - ASTM Referenced Standards | 9041S03 | | 2000 3 rd Ed. | Field Procedures Manual for Unbonded Single Strand Tendons | 9137S00 | sold as 3 piece set |
| 2006 | Energy Conservation Code | 3800S06 | 3800L06 | 6 th Ed. | Fire Inspection and Code Enforcement (IFSTA 6 th Edition) | 9414S | |
| 2006 | Fuel Gas Code | 3600S06 | 3600L06 | 1997 | Hurricane Resistant Residential Construction Manual | 9058S99 | |
| 2006 | Fire Code | 3400S06 | 3400L06 | 2002 | Legal Aspects of Code Administration, Copyright 2002 | 1007S01 | |
| 2006 | Mechanical Code | 3300S06 | 3300L06 | 2002 | Manual for Quality Control for Plants and Production of Structural Precast and Concrete Products (MNL-116-02), 4 th Ed. | 9133S00 | |
| 2006 | Plumbing Code | 3200S06 | 3200L06 | 2003 | Model Program for Special Inspection | 1035S4 | |
| 2006 | Property Maintenance Code | 3500S06 | | 2005 | National Electrical Code | 5000S05 | 5000L05 |
| 2006 | Residential Code | 3100S06 | 3100L06 | 4 th Ed. | Reinforced Concrete Masonry Construction Inspectors Handbook, 4 th Edition | 9086S00 | |
| 2006 | Zoning Code | 3900S06 | | 5 th Edition | | 9086S5 | |
| Other References | | | | 2003 | Reinforced Grouted Brick Masonry | | |
| 2003 | Accessible and Usable Building and Facilities - ICC/ANSI A117.1 | 9033S03 | | 1996 3 rd Ed. | Recommendations for Prestressed Rock and Soil Anchors, 1996 (3 rd Ed.)* | 9137S00 | sold as 3 piece set |
| 2005 | ACI 318-05 Code Requirements for Structural Concrete and Commentary 318R-05 | 9021S05 | | 2 nd Ed. 2000* | Specifications for Unbonded Single Strand Tendons, 2 nd Ed., 2000* | 9137S00 | sold as 3 piece set |
| 13 th Ed. | AISC Manual of Steel Construction | 9206S0 | | 3 rd Ed. | Technical Manual 12-A | 9034S97 | |
| 2005 | ASCE/SEI 24-05 Flood Resistant Design and Construction | 9020S05 | | 2 nd Ed. | Technical Manual 12-B | 9276S | |
| 00, 02, 04 1998 1998 | AWS Structural Welding Code: - Steel D1.1 - Sheet Steel D1.3 - Reinforcing Steel D1.4 | 9054S02 9052S98 9053S98 | | 2001 | Wood Frame Construction Manual for One- and Two-Family Dwellings & Commentary to the WFCM | 9104S01 | |
| 1998 | AWS Standard Symbols for Welding, Brazing and Nondestructive Examination (A2.4-1998) | 9099S98 | | | FEMA Home Builder's Guide to Coastal Construction | 1376S | |
| 2002 | Building Code Requirements for Masonry Structures ACI 530-05/ASC E5-05/TMS 402-05 and Specifications for Masonry Structures ACI 530.1-05/ASCE 6-05/TMS 402-05 Combined in the same book | | | | FEMA/NFIP Elevation Certificate and Instructions | Contact FEMA at 1-800-480-2520 | |
| 1999 | Basic Code Enforcement Text, Copyright 1999 (Eighth printing or later) | 1016S02 | | | FEMA 55 Coastal Construction Manual | Contact FEMA at 1-800-480-2520 | |
| 1989 | Building Department Administration-1989 | 1013S | | | | | |
| 4 th Ed. | Building Official Management Manual | | | | | | |

Exam Fees (Exam fees subject to change.)

| Exam ID | | Computer - Based Fee | Paper/ Pencil Fee | Exam ID | | Computer - Based Fee | Paper/ Pencil Fee |
|---|---|----------------------|-------------------|--|--|----------------------|-------------------|
| Certified Building Official | | | | Fire Inspector | | | |
| 01 | Certified Building Official Legal and Management Examination | \$100 | \$100 | 66 | Fire Inspector I | \$170 | \$170 |
| 02 | Certified Building Official Technology Examination | \$100 | \$100 | 67 | Fire Inspector II | \$170 | \$170 |
| Residential Inspection | | | | F3 | Fire Plans Examiner | \$170 | \$170 |
| B1 | Residential Building Inspector* | \$150 | \$100 | FM | Certified Fire Marshal | \$170 | \$170 |
| E1 | Residential Electrical Inspector* | \$150 | \$100 | Code Enforcement | | | |
| M1 | Residential Mechanical Inspector* | \$150 | \$100 | 21 | Accessibility Inspector/Plans Examiner | \$170 | \$170 |
| P1 | Residential Plumbing Inspector* | \$150 | \$100 | 14 | Permit Technician | \$170 | \$170 |
| | *For any two of these 2-hour exams taken on the same day. | \$200 | \$200 | 75 | Zoning Inspector | \$170 | \$170 |
| Commercial Inspection | | | | 64 | Property Maintenance and Housing Inspector | \$170 | \$170 |
| B2 | Commercial Building Inspector | \$170 | \$170 | C1 | Coastal and Floodplain Construction Inspector | \$170 | \$170 |
| E2 | Commercial Electrical Inspector | \$170 | \$170 | DR | Disaster Response Inspector | \$170 | \$170 |
| M2 | Commercial Mechanical Inspector** | \$170 | \$170 | Special Inspector | | | |
| P2 | Commercial Plumbing Inspector** | \$170 | \$170 | 47 | Reinforced Concrete Special Inspector | \$200 | \$200 |
| | ** If taken with the corresponding 2-hour Residential exam on the same day. | \$215 | \$215 | 92 | Prestressed Concrete Special Inspector | \$200 | \$200 |
| General Plans Examiner | | | | 84 | Structural Masonry Special Inspector | \$200 | \$200 |
| B3 | Building Plans Examiner | \$170 | \$170 | 86 | Spray-applied Fire-proofing Special Inspector | \$170 | \$170 |
| E3 | Electrical Plans Examiner | \$170 | \$170 | S1 | Structural Steel and Bolting Special Inspector | \$200 | \$200 |
| M3 | Mechanical Plans Examiner | \$170 | \$170 | S2 | Structural Welding Special Inspector | \$200 | \$200 |
| P3 | Plumbing Plans Examiner | \$170 | \$170 | For the most up-to-date information on exams, registration and fees, please go to www.iccsafe.org/certification . | | | |
| Energy Inspection/Plans Examiner | | | | | | | |
| 77 | Commercial Energy Inspector | \$170 | \$170 | | | | |
| 78 | Commercial Energy Plans Examiner | \$170 | \$170 | | | | |
| 79 | Residential Energy Inspector/Plans Examiner | \$170 | \$170 | | | | |



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This Affidavit is required
for the Fire Inspector I

Affidavit of NFPA 472 Hazardous Materials Awareness Level

I, _____, have received training and meet the requirements set forth in the NFPA 472 Professional Competence of Responders to Hazardous Materials Incidents, Chapter 4, Competencies for the First Responder at the Awareness Level.

Furthermore, I know that I could, by the responsibilities of my job and profession, be the initial person on the scene of an emergency involving hazardous materials and am expected to recognize the presence of hazardous materials, protect myself, call for trained personnel and secure the area.

Signature

Submitted this date

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