# **Residential Construction**

### License Information

**Scope** – Tests a candidate's knowledge of construction, remodeling, repair, and improvement of single or multiple residential dwelling units as defined by the building code.

# **Examination Outline**

#### Open Book

#### 100 Questions – Four-hour time limit 75% Correct required to pass

Exam Topic	%
Plan Reading and Estimating	13
Sitework	7
Foundations	6
Concrete	12
Concrete Reinforcement	7
Masonry	7
Carpentry	14
Framing	10
Roofing	8
Gypsum	6
Safety - OSHA	10

# References

**NOTE:** The following references were used to develop this exam. With the exception of the Code books, you may use newer editions of references as they become available at your own discretion. However, newer editions may or may not contain applicable information to the content on the exam. You assume the risk of using a more current reference than that listed below. In regards to Code books, **only** the edition of the Code book listed below will be allowed into the test site.

The following references **are allowed** in the testing center.

- 1. International Residential Code for One- and Two-Family Dwellings, 2009, International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, www.iccsafe.org.
- 29 CFR 1926 OSHA Construction Industry Regulations, July 1, 2009, MANCOMM, 315 West 4<sup>th</sup> Street, Davenport, IA 52801.
- Building Code Requirements for Structural Concrete (ACI 318-08) and Commentary, 2008, American Concrete Institute (ACI), P.O. Box 9094, Farmington Hills, MI 48333, www.concrete.org.

The following references were used to create exam questions but **are not allowed** in the testing center.

- Code of Federal Regulations, Title 29, Part 1926 (OSHA), July 1, 2009, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954, www.access.gpo.gov.
- Audel Carpenters and Builders Math, Plans, and Specifications, Seventh Edition, 2005, Wiley Publishing, Inc., 10475 Crosspoint Blvd., Indianapolis, IN 46256, www.wiley.com.
- 3. *Carpentry and Building Construction*, Sixth Edition, 2004, Glencoe Division of McGraw-Hill, P.O. Box 543, Blacklick, OH 43004-0544, www.glencoe.com.

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