

# Master Residential Electrical

Catalog Number: C20313  
Exam Number: 913104  
Effective Date: 08/12/08

## License Information

**Scope** – Tests a candidate’s knowledge of the design, plan, installation, repair, alteration, and maintenance of electric conductors, raceways, and equipment for light, heat, and power in one-, two-, and three-family dwellings.

## Examination Outline

### Open Book

**60 Questions - Three-hour time limit**

**70% Correct required to pass**

Exam Topic	%
General Electrical Knowledge	10
Wiring and Protection	25
Wiring Methods and Materials	25
Equipment for General Use	20
Special Occupancies	5
Special Equipment	5
Special Conditions	5
Communication Systems	5

## References

The following reference **is allowed** in the testing center.

1. *NFPA 70 National Electrical Code*, 2008 Edition, National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101, [www.nfpa.org](http://www.nfpa.org).

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

1. *Alternating Current Fundamentals*, Seventh Edition, 2006, Delmar Learning, P.O. Box 6904, Florence, KY 41022, [www.delmarlearning.com](http://www.delmarlearning.com).
2. *Mike Holt’s Illustrated Guide to Basic Electrical Theory*, Third Edition, 2008, Mike Holt Enterprises, Inc., 3604 Parkway Boulevard, Suite 3, Leesburg, FL 34748, [www.NECode.com](http://www.NECode.com).
3. *Printreading Based on the 2008 National Electrical Code (NEC)*, 2008 Edition, American Technical Publishers (ATP), 1155 West 175th Street, Homewood, IL 60430-4600, [www.go2atp.com](http://www.go2atp.com).

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