

# Low Voltage Electrical

Catalog Number: C21414  
Exam Number: 913305  
Effective Date: 08/11/11

## License Information

**Scope** – Tests a candidate’s knowledge of the design, plan, installation, repair, alteration, and maintenance of electric conductors operating at 30 volts or less for motor controls, intrusion detection, fire detection, sound, signaling, and communication systems.

## Examination Outline

### Open Book

50 Questions - 2-1/2-hour time limit

70% Correct required to pass

Exam Topic	%
General Electrical Knowledge	14
Wiring and Protection	10
Wiring Methods and Materials	14
Equipment for General Use	6
Special Occupancies	6
Special Equipment	10
Special Conditions	20
Communication Systems	20

## References

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

1. *NFPA 70 National Electrical Code*, 2011 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 reference was used to create exam questions but **is not allowed** in the testing center.

1. *Delmar’s Standard Textbook of Electricity*, Fourth Edition, 2008, Delmar Learning, P.O. Box 6904, Florence, KY 41022, [www.delmarlearning.com](http://www.delmarlearning.com).

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