

# Burglar and Fire Alarm Electrical

Catalog Number: C20614  
Exam Number: 913455  
Effective Date: 08/11/11

## License Information

**Scope** – Tests a candidate’s knowledge of the design, plan, installation, repair, alteration, and maintenance of intrusion detection, fire detection, and signaling systems.

## Examination Outline

### Open Book

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

**75% Correct required to pass**

Exam Topic	%
General Electrical Knowledge	10
Fire Detection	24
Intrusion Detection	24
Power Supplies	10
Signaling Circuits	10
Grounding and Bonding	6
Raceways and Enclosures	6
Conductors and Cables	6
Special Occupancies	4

## Copyrighted Exam Questions

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## References

The following references **are 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).
2. *NFPA 72 National Fire Alarm Code*, 2010 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. *Security System Design and Installation*, 2009 Printing, 2005, National Training Center, 4148 Mantle Avenue, North Las Vegas, NV 89084, [www.NationalTrainingCenter.net](http://www.NationalTrainingCenter.net).

For information on how to obtain exam references, please call toll-free 877.624.2562.