

## 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

70% Correct Required to Pass

SUBJECT AREA	PERCENTAGE
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

## References

*The following references ARE allowed in the testing center:*

*NFPA 72-National Fire Alarm Code*, 2002 Edition, National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101 Quincy, MA 02269-9101.

*NFPA 70-National Electrical Code*, 2002 Edition, National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101 Quincy, MA 02269-9101.

*The following references have been used to create exam questions but are NOT allowed in the testing center:*

*Security: A Guide to Security Design and Equipment Selection and Installation*, Second Edition, 1992, Butterworth-Heinemann/Elsevier Science, Order Fulfillment, 11830 Westline Industrial Drive, St. Louis, MO 63146.

*Low Voltage Wiring: Security/Fire-Alarm Systems*, Third Edition, 2001, McGraw-Hill Publishing, Inc., P.O. Box 182604, Columbus, OH 43272.

*Understanding and Servicing Alarm Systems*, Third Edition, 1999, Butterworth-Heinemann/Elsevier Science, Order Fulfillment, 11830 Westline Industrial Drive, St. Louis, MO 63146.

*American Electricians' Handbook*, Fourteenth Edition, 2002, McGraw-Hill Publishing, Inc., P.O. Box 182604, Columbus, OH 43272.

*Direct Current Fundamentals*, Sixth Edition, 2000, Delmar Publishing/Thomson Learning, P.O. Box 6904, Florence, KY 41022.

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

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