

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:

1. *American Electricians' Handbook*, Fourteenth Edition, 2002, McGraw-Hill Publishing, Inc., P.O. Box 182604, Columbus, OH 43272, books.mcgraw-hill.com.
2. *Direct Current Fundamentals*, Sixth Edition, 2000, Thomson Delmar Learning, P.O. Box 6904, Florence, KY 41022, www.delmarlearning.com.
3. *Low Voltage Wiring: Security/Fire-Alarm Systems*, 2002, McGraw-Hill Publishing, Inc., P.O. Box 182604, Columbus, OH 43272, books.mcgraw-hill.com.
4. *NFPA 70 National Electrical Code*, 2002 Edition, National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101 Quincy, MA 02269-9101, www.nfpa.org.
5. *NFPA 72 National Fire Alarm Code*, 2002 Edition, National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101 Quincy, MA 02269-9101, www.nfpa.org.
6. *Security: A Guide to Security Design and Equipment Selection and Installation*, Second Edition, 1994, Butterworth-Heinemann/Elsevier Science, 11830 Westline Industrial Drive, St. Louis, MO 63146, www.bh.com.
7. *Understanding and Servicing Alarm Systems*, Third Edition, 1999, Butterworth-Heinemann/Elsevier Science, 11830 Westline Industrial Drive, St. Louis, MO 63146, www.bh.com.

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

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