

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.

Examination Outline

Open Book

100 Questions – Four-hour time limit

70% Correct Required to Pass

SUBJECT AREA	PERCENTAGE
GENERAL ELECTRICAL KNOWLEDGE	10
RACEWAYS AND ENCLOSURES	10
SERVICES, FEEDERS, AND BRANCH CIRCUITS	10
OVERCURRENT PROTECTION	5
CONDUCTORS AND CABLES	9
GROUNDING AND BONDING	16
EQUIPMENT FOR GENERAL USE	9
SPECIAL OCCUPANCIES	5
SPECIAL EQUIPMENT AND CONDITIONS	5
MOTORS AND CONTROLS	12
LOW VOLTAGE AND COMMUNICATION CIRCUITS	6
SAFETY	3

References

The following references ARE allowed in the testing center:

1. *Alternating Current Fundamentals*, Sixth Edition, 2000, Thomson Delmar Learning, P.O. Box 6904, Florence, KY 41022, www.delmarlearning.com.
2. *American Electricians' Handbook*, Fourteenth Edition, 2002, McGraw-Hill Publishing, Inc., P.O. Box 182604, Columbus, OH 43272, books.mcgraw-hill.com.
3. *Industrial Motor Control*, Fourth Edition, 1999, Thomson Delmar Learning, P.O. Box 6904, Florence, KY 41022, www.delmarlearning.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.

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

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