

## 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**

**75% 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 reference IS allowed in the testing center:*

*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:*

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

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

*Industrial Motor Control, Fourth Edition, 1999, 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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