

## 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 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.*

## Copyrighted Exam Questions

All test questions are the copyrighted property of Prometric Inc. It is forbidden under federal copyright law to copy, reproduce, record, distribute or display these test questions by any means, in whole or in part, without our written permission. Doing so may subject you to severe civil and criminal penalties, including up to five years in prison and/or a \$250,000 fine for criminal violations.