



Professional Testing

LOW VOLTAGE, COMMUNICATION, AND SOUND

SCOPE

Contractor certified as having knowledge in the area of, and be limited to, the installation, repair, fabrication, erection, alteration and extension/addition to or design of electrical wiring, fixtures, appliances, thermostats, apparatus, raceways, conduit, circuits, equipment and fiber optics (transmission of light over stranded glass) or an part thereof not to exceed 77 volts, when those items are for the purpose of transmitting data, proprietary video (satellite systems which are not part of a community antenna television or radio distributions system), central vacuum, electrical locks, private telephone, intercom and public address systems, as well as all business and finance knowledge/skills associated therewith. The scope of certification is limited to electrical circuits and equipment governed by the applicable provisions of Articles 725 (Class 2 and 3 circuits only), 770, 800,810, and 820 of the National Electrical Code, or 47 C.F.R. Part 68. The scope of certification shall not include work performed by public utilities exempt under their terms of Section 489.503(5), F.S., or exempt due to the regulatory jurisdiction of the Florida Public Service Commission.

EXAMINATION CONTENTS

Business and Finance Exam – 2 Hours

Subjects	Number of Questions
Financial Management	6
Estimating & Bidding	6
General Contract Management	7
General Project Management	6
Personnel Management	4
Tax Laws	5
Insurance & Bonding	3
Contracting Laws	5
OSHA Requirements	3
Business Organization & Management	5
Total Number of Questions	50

Trade Knowledge Exam – 4 Hours

Subjects	Number of Questions
General Theory & Electrical Principles	8
Plan and Specifications	8
Wiring Methods	10
Low Voltage / Limited Power	13
Sound and Communications	8
OSHA Requirements Associated With Electrical Construction	3
Total Number of Questions	50

THIS EXAM MAY INCLUDE ADDITIONAL NONSCORED TRIAL QUESTIONS.

TO QUALIFY FOR A LICENSE, YOU MUST PASS BOTH THE BUSINESS AND FINANCE EXAM AND THE TRADE KNOWLEDGE EXAM.

EXAMINATION REFERENCES

The following reference with an asterisk (*) indicates the book you may bring to the test site and use to assist you in answering the questions. This is the **ONLY** reference you may bring with you.

- * NFPA 70 - National Electrical Code, 2005, National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02269 (800) 735.0100
- * Electricians Formula and Reference Book, 3rd Ed., 1999, **OR** Electrical Formulas with Sample Calculations, 2002, Mike Holt Enterprises, Inc., 7310 W McNab Rd., Ste. 201, Tamarac, FL 33321 (800) 881.2580
- * Ugly's Electrical References, 2005, Construction Book Express, 100 Enterprise Place, P.O. Box 7029, Dover, DE (800) 253.0541

No marks, highlighting, or notes of any sort may be made in the reference materials during the examination. Highlighting and permanent tabbing prior to the examination is acceptable. "Post it" notes are not permanent and will not be allowed. No handwritten notes may be made in the reference materials prior to or during the examination.

ADDITIONAL INFORMATION

Please refer to the Candidate Information Bulletin for this examination for any additional information or requirements.

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The following references may be used to help prepare you for the examination. **You are NOT required to purchase these reference books and they may NOT be brought to the examination. They are only suggested if you feel the need for additional study.**

AIA - A201, General Conditions of Contract, 1997, American Institute of Architects, 104 East Jefferson St., Tallahassee, FL 32301 (800) 365.2724

AIA - A401, Contractor - Subcontractor Agreement, 1997, American Institute of Architects, 104 East Jefferson St., Tallahassee, FL 32301 (800) 365.2724

Builder's Guide to Accounting, 2001, Craftsman Book Company, 6058 Corte Del Cedro, Carlsbad, CA 92009 (800) 829.8123

Contractors Manual., 2004, Association of Builders and Contractors Institute, Inc., 3730 Coconut Creek Pkwy., Ste., 200 Coconut Creek, FL 33066 (561) 432.9442

The Guide to Florida's Construction Lien Law, 1997, ProfitGuard, P.O. Box 10354, Tallahassee, FL 32302

Telecommunication Wiring, 3rd Ed., Prentice Hall, P.O. Box 11071, Des Moines, IA 50336 (800) 922.0579

American Electrician's Handbook, 14th Ed., 2002, McGraw-Hill Publishing Glencoe Order Services, P.O. Box 545, Blacklick, OH (212) 904.5448

Florida Building Code - Building, 2001 with up to 2003 revisions, Southern Building Code Congress International, 900 Montclair Rd., Birmingham, AL 35213 (205) 591.1853

Electrical Review for Electricians, 9th Ed., 1996, Construction Book Express, 100 Enterprise Place, P.O. Box 7029, Dover, DE (800) 253.0541

Walker's Building Estimator Reference Book, 27th Ed., Frank R. Walker Co., P.O. Box 318, Lisle, IL 60532 (630) 971.8989

Code of Federal Regulations, Title 29, Part 1926 (OSHA), 2005, US Government Bookstore, 100 West Bay St., Ste. 100, Jacksonville, FL (904) 353.0569

Local Licensing Ordinances