



Professional Testing

UNLIMITED MASTER PLUMBER

SCOPE

Contractor certified as having knowledge in the area of installation, maintenance, repair, alteration, extension, and design of plumbing systems including sanitary drainage or storm drainage facilities; venting systems; public or private water supply systems; septic tanks; drainage and supply wells; swimming pool piping; irrigation systems; or solar heating water systems and all appurtenances, apparatus, or equipment used in connection therewith, including boilers and pressure process piping and including the installation of water and sewer plants and substations. The scope of work of a plumbing contractor also includes the design, when not prohibited by law, and installation, maintenance, repair, alteration, or extension of air piping, vacuum line piping, oxygen line piping, nitrous oxide piping, and all related medical gas systems; fire line standpipes and fire sprinklers to the extent authorized by law; ink and chemical lines; fuel oil and gasoline piping and tank and pump installation except bulk storage plants; and pneumatic control piping systems as well as all business and finance knowledge/skills associated therewith.

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

The examination will consist of 60 equally weighted multiple-choice questions and 3 Isometric drawings worth 10 points each.

Subjects	Number of Questions
General Theory & Plumbing Principles	6
Plan & Specification Reading	7
Fixtures, Faucets and Fixture Fittings	3
Drainage Systems	5
Water Supply & Distribution Systems	5
Cutting, Joining, Supporting & Hanging Pipe	2
Service & Repair of Plumbing & Fixtures	3
Natural & Medical Gas Piping	3
Industrial Piping	2
Swimming Pools, Wells & Irrigation Systems	2
Solar Systems	2
Fire Protection	6
General Plumbing Code Knowledge	7
OSHA Safety, Procedures for Testing & Use of Tools & Equipment	7
Isometric Drawings @ 10 points each	3

Total Number of Questions 63

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 references with an asterisk (*) indicate the books you may bring to the test site and use to assist you in answering the questions. These are the **ONLY** references you may bring with you.

- * Code of Federal Regulations, Title 29, Part 1926 (OSHA), 2005, US Government Bookstore 100 West Bay St. Ste. 100, Jacksonville, FL 32202 (904) 353.0569
- * Chapter 64E-6, FL Administrative Code, Standards for Onsite Sewage Treatment and Disposal Systems, 2005, Dept of Health, Bureau of Facilities, 1317 Winewood Blvd., Tallahassee, FL 32300 (850) 487.0004

- * Florida Building Code – Building, 2004, International Code Council, Inc. 5203 Leesburg Pike, Ste 600, Falls Church, VA 22041, www.iccsafe.org (800-786-4452)
- * Florida Building Code – Fuel Gas, 2004, International Code Council, Inc. 5203 Leesburg Pike, Ste 600, Falls Church, VA 22041, www.iccsafe.org (800-786-4452)
- * Florida Building Code – Plumbing, 2004, International Code Council, Inc. 5203 Leesburg Pike, Ste 600, Falls Church, VA 22041, www.iccsafe.org (800-786-4452)
- * NFPA 13, Installation of Sprinkler Systems, 2002, 1 Batterymarch Park, Quincy, MA 02269 (800) 735.0100
- * NFPA 14, Installation of Standpipe and Hose Systems, 2003, 1 Batterymarch Park, Quincy, MA 02269 (800) 735.0100
- * NFPA 99, Health Care Facilities, 2005, 1 Batterymarch Park, Quincy, MA 02269 (800) 735.0100

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.

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, 3rd Ed., 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

ASSE Series 5000, 2003, American Society of Sanitary Engineers, 9012 Canterbury Rd., Ste. A, Westlake, OH (440) 835.3040

Installation Guide for Ductile Iron Pipe, 2004, Ductile Iron Research Association, 245 Riverchase Pkwy. East, Ste. O, Birmingham, AL (205) 482.8700

Manual of Cross Connection Control, 9th Ed., USC KAP-200, University Park, MC-2531, Los Angeles, CA 90089-2531 (213) 740.2032

Mathematics for Plumbers and Pipefitters, 5th Ed., 1996, Delmar Thomson, P.O. Box 6904, Florence, KY 41022 (800) 347.7707

Modern Plumbing, 1997, Goodheart-Wilcox Company, Inc., 18604 West Creek Dr., Tinley Park, IL 60477-6243

Pipe and Excavation Contracting, 1987, Craftsman Book Company, 6058 Corte Del Cedro, Carlsbad, CA 92009 (800) 829.8123

Plumber’s Handbook, Revised, 2002, Craftsman Book Company, 6058 Corte Del Cedro, Carlsbad, CA 60532 (800) 829.8123

Plumbing Technology. Design and Installation, 2nd Ed., 2000, Delmar Thomson, P.O. Box 6904, Florence, KY 41022 (800) 347.7707

Plumbing: Design and Installation, 2nd Ed., 2002, American Technical Publishers, Inc., 1155 West 175th St., Homewood, IL 60430

Reuse of Reclaimed Water and Land Application, 2005, Florida Department of Environmental Protection, 2600 Blairstone Rd., Tallahassee, FL 32399 (850) 488.0890

Simplified Irrigation Design, by Pete Melby, 2nd Ed., 1995, John Wiley & Sons, Inc., 605 Third Ave., New York, NY 10158-0012

Solar Water and Pool Heating Design and Installation Manual, 1992, Florida Solar Energy Center, 1679 Clearlake Rd., Cocoa, FL 32922 (321) 683.1506

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

Local Licensing Ordinances

ADDITIONAL INFORMATION

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

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