

#### **SCOPE**

Contractor certified as having knowledge in the area of, but is not limited to, the construction, repair, water treatment, and servicing of any residential swimming pool, or hot tub or spa, regardless of use. The scope of such work includes layout, excavation, floors, guniting, fiberglassing, installation of tile and coping, installation of all perimeter and filter piping, installation of all filter equipment and chemical feeders of any type, repair or replacement of existing equipment, any cleaning or equipment sanitizing which requires at least a partial disassembling, and the installation of new pool/spa equipment, interior finishes, construction of decks, installation of housing for pool/spa equipment and installation of package pool heaters as well as all business and finance knowledge/skills associated therewith. However, the scope of such work does not include direct connections to a sanitary sewer system nor to potable water lines. The installation, construction, modification or replacement of equipment permanently attached to and associated with the pool or spa for the purpose of water treatment or cleaning of the pool or spa requires licensure, however, the usage of such equipment for the purposes of water treatment or cleaning shall not require licensure unless usage involves construction, modification or replacement of such equipment. Water treatment that does not require such equipment does not require a license. In addition, a license shall not be required for the cleaning of the pool or spa in any way that does not affect the structural integrity of the pool or spa or its associated equipment.

## **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 & Manag	gement 5
Total Number of Questions	50

# Trade Knowledge Exam – 4 Hours

Subjects Number of	f Questions
Design, Engineering and Plan Development	3
Site Prep and Layout	3
Excavation, Formwork and Steel Bar Placeme	ent 9
Plumbing and Equipment	6
Electrical Bonding and Grounding	
And Finish Electrical	6
Pneumatically Applied Concrete	4
Decking	5
Tile Placement and Interior Finishes	6
Water Chemistry	5
Accessories	4
Safety	4
Total Number of Questions	55

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.

 <u>Code of Federal Regulations, Title 29, Part 1926 (OSHA)</u>, 2005, US Government Bookstore, 100 West Bay St., Ste. 100, Jacksonville, FL 904.353.0569

- Florida Building Code Building, 2004, International Code Council, Inc. 5203 Leesburg Pike, Ste 600, Falls Church, VA 22041, <u>www.iccsafe.org</u> (800-786-4452)
- \* <u>NFPA 70 National Electrical Code, Article 680</u> <u>Swimming Pools, Fountains, and Similar</u> <u>Installations</u>, 2005, NFPA, 1 Batterymarch Park, Quincy, MA 02269 (800) 735.0100

National Spa and Pool Institute, 2111 Eisenhower Ave., Alexandria, VA (703) 838.0083x301 (identify yourself as exam candidate):

- \* <u>Standard for Permanently Installed Residential</u> <u>Spas., ANSI/NSPI - 3</u>, 1999
- \* <u>Standard for Residential Inground Swimming Pools</u>, <u>ANSI/NSPI-5</u>, 2003

No marks, highlighting, or notes of any sort may be made in the reference materials during the examination. Highlighting and permanent tabbing <u>prior</u> 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 prepare you for the examination. <u>You are NOT required to purchase</u> <u>these reference books and they may NOT be brought</u> to the examination. They are only suggested if you feel the need for additional study.</u>

<u>AIA – A201, General Conditions of Contract</u>, 1997, American Institute of Architects, 104 E. Jefferson St., Tallahassee, FL (800) 365.2724

<u>AIA – A401, Contractor – Subcontractor Agreement,</u> 1997, American Institute of Architects, 104 E. Jefferson St., Tallahassee, FL 32301 (800) 365.2734

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

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

<u>The Guide to Florida's Construction Lien Law</u>, 1997 ProfitGuard, P.O. Box 10354, Tallahassee, FL 32302 (850) 222.6969 <u>Guide to Shotcrete, 506R.90</u>, 1995, American Concrete Institute, 38800 International Way, Country Club Dr, P.O. Box 9094, Farmington Hills, MI 48333

NSF50-2004, Circulation Systems Components and Related Materials for Swimming Pools, Spas, Hot tubs, 2004, NSF International, 789 N. Dixboro Road, Ann Arbor, MI 48105 (800) 699.9277

<u>Official Swimming Pool Design Compendium</u>, 5<sup>th</sup>, 1997, National Swimming Pool Foundation, 10803 Gulfdale, #300, San Antonio, TX 78216

<u>Placing Reinforcing Bars</u>, 2005, Steel Institute Distribution Center, P.O. Box 6996, 1650 Bluegrass Lakes Pkwy, Alpharetta, GA, 30236 (800) 465.2774

<u>Pool/Spa Operators Handbook</u>, 1990, National Swimming Pool Foundation, 10803 Gulfdale, San Antonio, TX 78216 (210) 525.1227

Walker's Building Estimator Reference Book, 27<sup>th</sup> Edition, Frank R Walker Co, PO Box 318, Lisle, IL 60532 (630) 971.8989

Local Licensing Ordinances

### **ADDITIONAL INFORMATION**

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

PROFESSIONAL TESTING, INC. 7680 Universal Blvd, Ste. 300 Orlando, FL 32819 (407) 264-2993 FAX (407)264-2977 www.proftesting.com