

# **MECHANICAL CONTRACTOR**

**“Mechanical Contractor”** means any person whose services are unlimited in the execution of contracts requiring the experience, knowledge and skill to perform the following: install, maintain, repair, fabricate, alter, extend, or design, when not prohibited by law, central air conditioning, refrigeration, heating and ventilating systems, including duct work in connection with a complete system only to the extent such duct work is performed by the contractor as is necessary to make complete an air-distribution system, boiler and unfired pressure, vessels systems, lift stations equipment and piping, and all appurtenances, apparatus or equipment used in connection therewith; also piping, insulation of pipes, vessels and ducts, pressure and process piping, pneumatic control piping, gasoline tanks and pump installation and piping for same, fire sprinkling systems and standpipes, air piping, vacuum line piping, oxygen lines, nitrous oxide piping, ink and chemical lines, fuel transmission lines and installation of a condensate drain from an air conditioning unit to an existing safe waste or other approved disposal other than a direct connection to a sanitary system, all in such a manner as to comply with all plans, specifications, codes, laws and regulations applicable thereto. The scope of work for such contractor shall also include any excavation work incidental thereto, but shall not include any work such as liquefied petroleum or natural gas fuel lines with buildings, potable water lines or connections thereto, sanitary sewer line, swimming pool piping and filters or electrical power wiring.

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**Okaloosa County requires applicants for State Registered and Local Specialty Licenses to appear before the appropriate competency board for approval prior to testing.**

Applicants are required to take the trade exam **PLUS** the Business and Law examination and pass with a score of 75% or above on both examinations.

Fees paid to Okaloosa County: \$25 Board Processing Fee  
\$50 Sponsor Fee (per registration)  
\$35 State Package Review Fee

Additional fees to the testing agency will also apply.

**In order to take the examination, you must be twenty-two (22) years of age or older.**

For information on State Certified contractors exam please contact DBPR @ [www.myflorida.com/dbpr/pro](http://www.myflorida.com/dbpr/pro) or call 850-487-1395.

**Enclosed you will find the following:**

- |                                      |                            |
|--------------------------------------|----------------------------|
| 1. Application for Board Processing* | 5. Examination Schedule    |
| 2. List for board approval           | 6. Reference/Book Lists ** |
| 3. Approved Credit Agency List       | 7. Experience Affidavit    |
| 4. Competency Board Dates            | 8. Work History Affidavit  |

**If you have any questions, please contact:**

**Okaloosa County Department of Growth Management  
1804 Lewis Turner Blvd., Suite 200 - Fort Walton Beach, FL 32547  
812 E. James Lee Blvd. - Crestview, FL 32536  
(850) 651-7180 or (850) 689-5080**

**[WWW.CO.OKALOOSA.FL.US](http://WWW.CO.OKALOOSA.FL.US)**

**License Information**

**Scope** – Tests a candidate’s knowledge of the design, installation, maintenance, repair, alteration, and extension of air conditioning, refrigeration, warm air heating, low and high pressure boilers, ventilation systems, duct systems, unfired pressure vessels, fuel transmission lines, and related appurtenances.

**Examination Outline****Open Book****100 Questions****Time limit: 3 hours and 50 minutes****75% Correct required to pass**

Exam Topic	%
HARV General	15
Heating - Low and High Pressure Boilers, Warm Air	15
HARV Controls	15
Ventilation	15
Fuel Gas Systems	12
Piping	8
Load Calculations/Psychrometric Analysis	8
HARV Maintenance	4
Insulation	4
Safety	4

**References**

The following references **are allowed** in the testing center.

1. *2007 Florida Building Code: Building Volume*, 2008, International Code Council (ICC), 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, www.iccsafe.org.
2. *2007 Florida Building Code: Fuel Gas Volume*, 2008, International Code Council (ICC), 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, www.iccsafe.org.
3. *2007 Florida Building Code: Mechanical Volume*, 2008, International Code Council (ICC), 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, www.iccsafe.org.
4. *Code of Federal Regulations, Title 29, Part 1926* (OSHA), Revision July 1, 2008, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954, www.access.gpo.gov.

5. *ACCA Duct Slide Rule*, Air Conditioning Contractors of America, 2800 Shirlington Road, Suite 300, Arlington, VA 22206, www.acca.org.
6. *Fibrous Glass Duct Construction Standards*, Fifth Edition, 2002, North American Insulation Manufacturers Association (NAIMA), 44 Canal Center Plaza, Suite 310, Alexandria, VA 22314, www.naima.org.
7. *High Pressure Boilers*, Third Edition, 2003, American Technical Publishers (ATP), 1155 West 175th Street, Homewood, IL 60430-4600, www.go2atp.com.
8. *Low Pressure Boilers*, Third Edition, 2008, American Technical Publishers (ATP), 1155 West 175th Street, Homewood, IL 60430-4600, www.go2atp.com.
9. *Manual N – Commercial Load Calculation*, Fifth Edition, 2008, Air Conditioning Contractors of America, 2800 Shirlington Road, Suite 300, Arlington, VA 22206, www.acca.org.
10. *Modern Refrigeration and Air Conditioning*, Eighteenth Edition, 2004, Goodheart-Willcox Company, Inc., 18604 West Creek Drive, Tinley Park, IL 60477-6243, www.g-w.com.
11. *NFPA 90A – Installation of Air Conditioning and Ventilating Systems*, 2002 Edition, National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101, www.nfpa.org.
12. *NFPA 96 – Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations*, 2008, National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101, www.nfpa.org.
13. *Pipefitters Handbook*, Third Edition, 1967, Industrial Press, Inc., 989 Avenue of the Americas, New York, NY 10018, www.industrialpress.com.

For information on how to obtain exam references, please call toll-free 877.624.2562.

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