

License Information

Scope- Tests a candidate's knowledge of the design, installation, maintenance, repair, fabrication, alteration, and extension of heating, duct systems, and related appurtenances, including hot water, low pressure steam, and warm air furnace systems.

Examination Outline

Open Book

60 Questions – Three -hour time limit

70% Correct Required to Pass

SUBJECT AREA	PERCENTAGE
HARV GENERAL	18
HEATING-WARM AIR-LOW PRESSURE BOILERS	18
VENTILATION	14
CONTROLS	14
FUEL GAS SYSTEMS	13
PIPING	13
LOAD CALCULATIONS	10

References

The following references ARE allowed in the testing center:

1. *Low Pressure Boilers*, Second Edition, 2005, American Technical Publishers (ATP), 1155 West 175th Street, Homewood, IL 60430-4600, www.go2atp.com.
2. *ACCA Duct Slide Rule*, Air Conditioning Contractors of America, 2800 Shirlington Road, Suite 300, Arlington, VA 22206, www.acca.org.
3. *Carrier System Design Manual – Part III: Piping Design*, Carrier, 1960 Edition, Carrier Air Conditioning Company, Literature Distribution, Bldg. TR-2, Syracuse, NY 13221-4804, www.global.carrier.com.
4. *Code of Federal Regulations, Title 29, Part 1926 (OSHA)*, 2005, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954, www.access.gpo.gov.

OR

OSHA Excerpts for Contractors, Fourth Edition, Prometric, 1260 Energy Lane, St. Paul, MN 55108.

5. *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.
6. *Florida Building Code: Building Volume*, 2004, International Code Council (ICC), 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, www.iccsafe.org.

7. *Florida Building Code: Fuel Gas Volume*, 2004, International Code Council (ICC), 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, www.iccsafe.org.
8. *Florida Building Code: Mechanical Volume*, 2004, International Code Council (ICC), 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, www.iccsafe.org.
9. *Manual D – Residential Duct Systems*, 1995 Edition, Air Conditioning Contractors of America, 2800 Shirlington Road, Suite 300, Arlington, VA 22206, www.acca.org.
10. *Manual N – Commercial Load Calculation*, Fourth Edition, 1988, Air Conditioning Contractors of America, 2800 Shirlington Road, Suite 300, Arlington, VA 22206, www.acca.org.
11. *Modern Refrigeration and Air Conditioning*, Eighteenth Edition, 2004, Goodheart-Willcox Company, Inc., 18604 West Creek Drive, Tinley Park, IL 60477-6243, www.goodheartwillcox.com.
12. *Pipefitters Handbook*, Third Edition, 1967, Industrial Press, Inc., 200 Madison Avenue, New York, NY 10016, www.industrialpress.com.
13. *TRANE Ductulator*, TRANE Company, c/o Inland Marketing Services, 3030 Airport Road, La Crosse, WI 54603, www.trane.com/bookstore.

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

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