

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****100 Questions****Time limit: 3 hours and 50 minutes****70 % Correct required to pass**

Exam Topic	%
HARV General	20
Heating-Warm Air & Low Pressure Boilers	20
Ventilation	15
Controls	10
Fuel Gas Systems	10
Piping	10
Load Calculations	8
Safety	7

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, 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, www.iccsafe.org.
3. *2007 Florida Building Code: Mechanical Volume*, 2008, International Code Council (ICC), 4051 West Flossmoor Road, Country Club Hills, IL 60478, 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. *Low Pressure Boilers*, Third Edition, 2008, American Technical Publishers (ATP), 1155 West 175th Street, Homewood, IL 60430-4600, www.go2atp.com.
8. *Manual N – Commercial Load Calculation*, Fifth Edition, 2008, Air Conditioning Contractors of America, 2800 Shirlington Road, Suite 300, Arlington, VA 22206, www.acca.org.
9. *Manual D – Residential Duct Systems*, 1995, 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. *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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