

## License Information

**Scope** – Tests a candidate's knowledge of the 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

**80 Questions****Time limit: 3 hours and 10 minutes****70% Correct required to pass**

Exam Topic	%
HARV General	25
Heating, Warm Air, Low Pressure Boiler, Oil Burners	20
Ventilation	13
Controls	13
Fuel Oil & Fuel Gas Systems	12
Piping	10
Load Calculations	7

## References

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

1. *2007 Florida Building Code: Fuel Gas Volume*, 2008, International Code Council (ICC), 4051 West Flossmoor Road, Country Club Hills, IL 60478, [www.iccsafe.org](http://www.iccsafe.org).
2. *2007 Florida Building Code: Mechanical Volume*, 2008, International Code Council (ICC), 4051 West Flossmoor Road, Country Club Hills, IL 60478, [www.iccsafe.org](http://www.iccsafe.org).
3. *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](http://www.access.gpo.gov).
4. *ACCA Duct Slide Rule*, Air Conditioning Contractors of America, 2800 Shirlington Road, Suite 300, Arlington, VA 22206, [www.acca.org](http://www.acca.org).
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](http://www.naima.org).
6. *Low Pressure Boilers*, Third Edition, 2008, American Technical Publishers (ATP), 1155 West 175th Street, Homewood, IL 60430-4600, [www.go2atp.com](http://www.go2atp.com).
7. *Manual D – Residential Duct Systems*, 1995, Air Conditioning Contractors of America, 2800 Shirlington Road, Suite 300, Arlington, VA 22206, [www.acca.org](http://www.acca.org).
8. *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](http://www.g-w.com).
9. *Pipefitters Handbook*, Third Edition, 1967, Industrial Press, Inc., 989 Avenue of the Americas, New York, NY 10018, [www.industrialpress.com](http://www.industrialpress.com).

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

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