

Unlimited Refrigeration

Catalog Number: C34523
Exam Number: 916158
Effective Date: 01/29/07

License Information

Scope – Tests a candidate's knowledge of the installation, maintenance, repair, and alteration of refrigeration systems and related appurtenances intended to be used for the purpose of food and product preservation, unlimited in tonnage or horsepower.

Examination Outline

Open Book

80 Questions – Three-hour time limit

75% Correct required to pass

Exam Topic	%
HARV General	25
Commercial Refrigeration Systems	25
Controls	15
Ventilation	10
Piping and Tubing	10
Fuel Gas	5
Box Construction	5
Safety	5

References

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

1. *Code of Federal Regulations, Title 29, Part 1926 (OSHA)*, 2006, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954, www.access.gpo.gov.
2. *OSHA Excerpts for Contractors*, Fourth Edition, Prometric, www.prometric.com
3. *International Mechanical Code*, 2006, International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, www.iccsafe.org.
4. *International Fuel Gas Code*, 2006, International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, www.iccsafe.org.

The following references were used to create exam questions but **are not allowed** in the testing center.

1. *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.
2. *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.
3. *Pipefitters Handbook*, Third Edition, 1967, Industrial Press, Inc., 989 Avenue of the Americas, New York, NY 10018, www.industrialpress.com.
4. *TRANE Air Conditioning Manual*, Revised Edition, 1996, TRANE Company, c/o Inland Marketing Services, 3030 Airport Road, La Crosse, WI 54603, www.trane.com/bookstore.

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