

# Unlimited Refrigeration

Catalog Number: C34514  
Exam Number: 916109  
Effective Date: 01/31/11

## 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**

**70% Correct required to pass**

Exam Topic	%
HVAC/R General	25
Commercial Refrigeration Systems	28
Controls	16
Ventilation	10
Piping and Tubing	10
Box Construction	5
Safety	6

## References

**NOTE:** The following references were used to develop this exam. With the exception of the Code books, you may use newer editions of references as they become available at your own discretion. However, newer editions may or may not contain applicable information to the content on the exam. You assume the risk of using a more current reference than that listed below. In regards to Code books, **only** the edition of the Code book listed below will be allowed into the test site.

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

1. *Uniform Mechanical Code*, 2009, International Association of Plumbing and Mechanical Officials, 5001 E. Philadelphia St., Ontario, CA 91761, [www.iapmo.org](http://www.iapmo.org).
2. *29 CFR 1926 OSHA Construction Industry Regulations*, July 1, 2009, MANCOMM, 315 West 4<sup>th</sup> Street, Davenport, IA 52801.

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

1. *Code of Federal Regulations*, Title 29, Part 1926 (OSHA), July 1, 2009, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954, [www.access.gpo.gov](http://www.access.gpo.gov).
2. *Modern Refrigeration and Air Conditioning*, 18th Edition, 2004, Goodheart-Willcox Company, Inc., 18604 West Creek Drive, Tinley Park, IL 60477-6243, [www.g-w.com](http://www.g-w.com).

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