

# C-52 – Ventilating and Air Conditioning Contractor

## License Information

**Scope** – To fabricate, assemble and install warm-air heating and air cooling systems including heating and cooling solar systems, complete ventilating systems and complete air conditioning systems including, but not limited to, piping, controls (other than electrical), instrumentation, building automation, energy management, and trenching, backfilling, patching, and surface restoration in connection with the installation of the air conditioning systems, and including installation of thermal and acoustical insulation necessary to maintain heat, or sound, or both, within the system.

## Examination Outline

### Closed Book

**80 Questions - Three-hour time limit**

**75% Correct required to pass**

Exam Topic	%
Warm Air Systems	15
Air Conditioning Systems	15
Ventilation Systems	15
Gas and Refrigerant Piping	15
Controls	10
Insulation	10
General Estimating	10
Solar Systems	10

## References

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

1. *Uniform Mechanical Code*, 1994, IAPMO.
2. *Uniform Solar Energy Code*, 1998, IAPMO.
3. *Modern Refrigeration and Air Conditioning*, 1996, Goodheart-Willcox.
4. *National Commercial and Industrial Insulation Standards*, 1993, Midwest Insulation Contractors Association.

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

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