

## License Information

**Scope** – Tests a candidate's knowledge of sheet metal design and fabrication, intended for the installation, replacement, repair, alteration, and extension of ferrous and non-ferrous ducting in ventilation and exhaust systems.

## Examination Outline

**Open Book**  
**80 Questions – Three-hour time limit**  
**75% Correct required to pass**

Exam Topic	%
HARV Equipment	25
Controls	19
Ventilation	13
Chimneys, Flues and Exhaust	13
Ductwork	12
Sizing and Estimating	12
Safety	6

## References

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

1. *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).
2. *Uniform Mechanical Code*, 2006, IAPMO – International Association of Plumbing and Mechanical Officials, 5001 E. Philadelphia St., Ontario, CA 91761-2816, [www.iapmo.org](http://www.iapmo.org).
3. *ACCA Duct Slide Rule*, Air Conditioning Contractors of America, 2800 Shirlington Road, Suite 300, Arlington, VA 22206, [www.acca.org](http://www.acca.org).
4. *Manual D – Residential Duct Systems*, 1995 Edition, Air Conditioning Contractors of America, 2800 Shirlington Road, Suite 300, Arlington, VA 22206, [www.acca.org](http://www.acca.org).

The following reference was used to create exam questions but **is not allowed** in the testing center.

1. *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).
2. *HVAC Duct Construction Standards – Metal and Flexible*, Third Edition, 2005, SMACNA – Sheet Metal and Air Conditioning Contractors National Association, 4201 Lafayette Center Drive, Chantilly, VA 20151, [www.smacna.org](http://www.smacna.org).
3. *Sheet Metal*, Second Edition, 2006, American Technical Publishers (ATP), 1155 West 175<sup>th</sup> Street, Homewood, IL 60430-4600, [www.go2atp.com](http://www.go2atp.com).

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