# **Unlimited Boiler**

Catalog Number: C34913 Exam Number: 916507 Effective Date: 03/05/09

#### **License Information**

**Scope** – Tests a candidate's knowledge of the installation, maintenance, repair, and alteration of steam and hot water boilers, including both low and high pressure boilers, related piping vessels, and related appurtenances.

### **Examination Outline**

## Open Book 80 Questions – Three-hour time limit 70% Correct required to pass

Exam Topic	%
Low and High Pressure Boilers	20
Steam and Hot Water Piping	20
Fuel, Gas and Oil	10
Burners	15
Controls	10
Flues, Vents and Exhaust	10
Estimating	5
Safety and Inspections	10

#### References

The following references are allowed in the testing center.

- Code of Federal Regulations, Title 29, Part 1926 (OSHA), Revised July 1, 2008, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954, www.access.gpo.gov.
- Uniform Mechanical Code, 2006, IAPMO International Association of Plumbing and Mechanical Officials, 5001 E. Philadelphia St., Ontario, CA 91761-2816, www.iapmo.org.

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

- Low Pressure Boilers, Third Edition, 2008, American Technical Publishers (ATP), 1155 West 175<sup>th</sup> Street, Homewood, IL 60430-4600, www.go2atp.com.
- High Pressure Boilers, Third Edition, 2003, American Technical Publishers (ATP), 1155 West 175<sup>th</sup> Street, Homewood, IL 60430-4600, www.go2atp.com.
- 3. Oil Heat Technician's Manual, 2008, National Oilheat Research Alliance (NORA), P.O. Box 314, Watertown, MA 02471, www.norastore.org.

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