# Master Residential Plumbing With Gas

## **License Information**

**Scope** – Tests a candidate's knowledge of the design, installation, repair, maintenance, and extension of a plumbing system, including drains, waste, sanitary vents, water supply, and fixtures; design, installation, maintenance, and repair of a gas system, including piping, appliances, vents, flues, tanks, and related appurtenances as it applies to one- and two-family residences, also multiple single-family dwellings (townhouses) not more than three stories in height

## **Examination Outline**

#### **Open Book**

120 Questions - Four-hour time limit 70% Correct required to pass

Exam Topic	%
General Knowledge	22
General Regulations	22
Plumbing Fixtures	6
Water Supply Systems	8
Drainage, Waste and Vents	17
Isometric Analysis	8
Fuel Gas	17

### References

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

- 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.
- Uniform Plumbing Code, 2006, IAPMO International Association of Plumbing and Mechanical Officials, 5001 E. Philadelphia Street, Ontario, CA 91761-2816, www.iapmo.org.

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

- Modern Plumbing, 2005 Edition, Goodheart-Willcox Company, Inc., 18604 West Creek Drive, Tinley Park, IL 60477-6243, www.g-w.com.
- 2. *Mathematics for Plumbers and Pipefitters,* Sixth Edition, 2004, Thomson Delmar Learning, P.O. Box 6904, Florence, KY 41022, www.delmarlearning.com.

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