

## License Information

**Scope-** Tests a candidate's knowledge of the design, layout, installation, maintenance, repair and alteration of piping systems and related appurtenances that provide control of environmental conditions for air conditioning, and manufacturing processes, including compressed air, fuel gas, manufacturing gases, steam, vacuum piping, process piping and specialty piping.

## Examination Outline

### Open Book

**50 Questions – Two-hour time limit**

**70% Correct Required to Pass**

SUBJECT AREA	PERCENTAGE
GENERAL KNOWLEDGE	20
SYSTEM DESIGN	10
INSTALLATION	10
HANGERS AND SUPPORTS	10
PIPING, VALVES AND PUMPS	20
JOINTS AND CONNECTIONS	10
FUEL GAS	20

## References

*The following references ARE allowed in the testing center:*

*Uniform Mechanical Code*, 2003 Edition, IAPMO – International Association of Plumbing and Mechanical Officials, 5001 E. Philadelphia St., Ontario, CA 91761-2816.

*The following references have been used to create exam questions but are NOT allowed in the testing center:*

*Pipefitters Handbook*, Third Edition, 1967, Industrial Press, Inc., 200 Madison Avenue, New York, NY 10016.

*Mathematics for Plumbers and Pipefitters*, Sixth Edition, 2004, Delmar Publishing/Thomson Learning, P.O. Box 6904, Florence, KY 41022.

*Modern Hydronic Heating for Residential and Light Commercial Buildings*, Second Edition, 2004, Delmar Publishing/Thomson Learning, P.O. Box 6904, Florence, KY 41022.

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

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