

C-37 Plumbing, including Solar (Residential)

Exam Number: 030351
Effective Date: 08/18/08

License Information

Scope – Installation and repair of water and gas piping systems, fire protection systems, and sewage treatment systems. Included are all fixtures, vents, and devices common to the industry, as well as solar applications. This scope includes all C-37R sub-classifications.

Examination Outline

Closed Book

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

| Exam Topic | % |
|------------------------------------|----|
| General Knowledge | 19 |
| Drainage, Waste and Sanitary Vents | 17 |
| Water Piping Systems | 15 |
| Roof Drain Piping Systems | 6 |
| Septic Tank Systems | 6 |
| Plumbing Fixtures and Trim | 6 |
| Specialty Plumbing | 8 |
| Fuel Gas Fitting | 8 |
| Fire Sprinklers | 8 |
| Solar Heating Systems | 5 |
| Excavation and Trenching | 2 |

References

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

1. *International Fuel Gas Code*, 2006, International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, www.iccsafe.org.
2. *Mathematics for Plumbers and Pipefitters*, Seventh Edition, 2008, Delmar Learning, P.O. Box 6904, Florence, KY 41022, www.delmarlearning.com.
3. *Modern Hydronic Heating for Residential and Light Commercial Buildings*, Second Edition, 2004, Delmar Learning, P.O. Box 6904, Florence, KY 41022, www.delarmlearning.com.
4. *NFPA 13 – Installation of Sprinkler Systems*, 2007 Edition, National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101, www.nfpa.org.

5. *NFPA 13D – Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes*, 2007 Edition, National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101, www.nfpa.org.
6. *NFPA 13R – Sprinkler Systems for Residential Occupancies up to and Including Four Stories in Height*, 2007 Edition, National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101, www.nfpa.org.
7. *On-site Wastewater Treatment Facility Provisions in Unified Water Quality Permit Rule*, Arizona Administrative Code Title 18, Chapter 9, 2006, Arizona Department of Environmental Quality, 1110 West Washington Street, Phoenix, AZ 85007, www.azdeq.gov.
8. *Plumbing Design and Installation*, Third Edition, 2006, American Technical Publishers (ATP), 1155 West 175th Street, Homewood, IL 60430-4600, www.go2atp.com.
9. *State of Arizona OSHA, Safety and Health Standards for the Construction Industry (29 CFR Part 1926)*, 2007, Arizona Industrial Commission, Division of Occupational Safety & Health, Industrial Commission of Arizona, P.O. Box 19070, Phoenix, AZ 85005-9070, www.ica.state.az.us.
10. *Uniform Plumbing Code*, 2006, International Association of Plumbing and Mechanical Officials (IAPMO), 5001 East Philadelphia Street, Ontario, CA 91761-2816, www.iapmo.org.
11. *Uniform Solar Energy Code*, 2006, International Association of Plumbing and Mechanical Officials (IAPMO), 5001 East Philadelphia Street, Ontario, CA 91761-2816, www.iapmo.org.

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

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