

License Information

Scope – To install, repair, or alter complete plumbing systems which shall include supply water piping systems, waste water piping systems, fuel gas piping systems, and other fluid piping systems; the equipment, instrumentation, non-electric controls, and the fixture for these systems and the venting for waste water piping systems and fuel gas piping systems; for any purpose in connection with the use and occupancy of buildings, structures, works, and premises where people or animals live, work, and assemble; including piping for vacuum, air, and medical gas systems, spas and swimming pools, lawn sprinkler systems, irrigation systems, sewer lines and related sewage disposal work performed within property lines, fire protection sprinkler systems when supervised by licensed mechanical engineers or licensed fire protection contractors, and solar hot water heating systems, and the trenching, back filling, patching, and surface restoration in connection therewith.

Examination Outline**Closed-Book (No books allowed)****80 Questions – Three-hour time limit****75% Correct Required to Pass**

SUBJECT AREA	# OF QUESTIONS
WATER SUPPLY SYSTEMS	20
DRAINAGE WASTE AND VENTS	20
SIZING AND ESTIMATING	16
FUEL GAS SYSTEMS	8
FIXTURES AND TRIM	4
EXCAVATION	4
MEDICAL GAS SYSTEMS	4
BUILDING SEWERS	4

References

All Code questions in this exam are from the following:

1. *Uniform Plumbing Code*, 1994, (Hawaii State) IAPMO.
2. *Uniform Plumbing Code*, 1997, (Honolulu) IAPMO.
3. *Hawaii Administrative Rules*, 1998.
4. *OSHA Excerpts for Contractors*, 2000, Prometric.

All Non-Code questions are general math, computations, or from the following publications:

1. *Mathematics for Plumbers and Pipefitters*, 1996, D'Arcangelo.
2. *Plumbing*, 1994, Ripka.
3. *Engineered Plumbing Design*, 1994, Construction Industry Press.
4. *AWWA Professional Qualification Series 5000 Backflow Prevention Assemblies Standards*, 1991, American Society of Sanitary Engineering.

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

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