

**License Information**

**Scope** – To bore, drill, excavate, case, cement, clean, and repair water wells; and to install injection wells, water well pumps, pump controls, concrete pump base and waterline to adjacent storage tank.

**Examination Outline****Closed Book****24 Questions - One-hour time limit****75% Correct required to pass**

Exam Topic	%
General Knowledge	24
Well Geology	18
Excavation and Location	14
Pumps and Piping	14
Casings and Screens	12
Yield and Abandonment	12
Water Quality	6

**References**

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

1. *Groundwater and Wells*, Second Edition, 1986, Mower House Color Graphics, 508 10<sup>th</sup> Street Northeast, Austin, MN 55912, [www.johnsonscreens.com/p\\_groundwater.asp](http://www.johnsonscreens.com/p_groundwater.asp).
2. *Hawaii Well Construction and Pump Installation Standards*, Second Edition, 2004, Hawaii Commission on Water Resource Management, 1151 Punchbowl Street, Honolulu, HI 96813, [www.cca.hawaii.gov/pvl](http://www.cca.hawaii.gov/pvl)
3. *Mathematics for Plumbers and Pipefitters*, Sixth Edition, 2004, Thomson Delmar Learning, P.O. Box 6904, Florence, KY 41022, [www.demarlearning.com](http://www.demarlearning.com).
4. *Uniform Plumbing Code*, 1997 Edition, IAPMO – International Association of Plumbing and Mechanical Officials, 5001 East Philadelphia Street, Ontario, CA 91761-2816, [www.iapmo.org](http://www.iapmo.org).

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

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