

# ARIZONA REGISTRAR OF CONTRACTORS

## A-4 DRILLING

### SCOPE OF WORK

This classification allows the licensee to drill, including horizontal and vertical drilling or boring, constructing, deepening, repairing, or abandoning wells; exploring for water, gas, and oil; and constructing dry wells, and monitor wells. Also included is the erection of rigs, derricks and related substructures, and installation, service and repair of pumps and pumping equipment.

# of Questions	Minimum Passing Score	Time Allowed
30	70%	75 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
Drilling Methods and Materials	7
Pumps and Pumping Equipment	4
Casings and Screenings	3
Grouting and Sealing	3
Water Quality and Testing	3
Rigs and Derricks	3
Abandonment	3
OSHA Safety	4

### REFERENCE LIST

To purchase reference materials, go to PSI's online store at [www.psiexam.com](http://www.psiexam.com)

The reference material listed below was used to prepare the questions for this examination. The examination may also contain questions based on trade knowledge or general industry practices. Except for Code books, you can base your answers on later editions of references as they become available. For Code questions, the examinations will be based only on the edition of the Code book that is listed.

Candidates may use a silent, nonprinting, non-programmable calculator in the examination center.

**The following reference material is allowed in the examination center:**

*Code of Federal Regulations - 29 CFR Part 1926 (OSHA)*, with latest available amendments, U.S. Government Printing Office, (866) 512-1800. Online version: <https://www.osha.gov/laws-regs/regulations/standardnumber/1926>

This may also be purchased from various vendors including Amazon

Or

*Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI*, with latest available amendments, 3210 E Tropicana, Las Vegas, NV 89121, (800) 733-9267, [www.psiexams.com](http://www.psiexams.com) (See order form at the end of the Candidate Information Bulletin).

*Groundwater & Wells, Robert Sterrett (Editor)*, 3rd Edition, National Groundwater Association (800)833-9473, <https://commerce.smythco.com/bookorder/select.action>

*Handbook of Rigging: Lifting, Hoisting, and Scaffolding for Construction and Industrial Operations*, Joseph A. MacDonald, W.E. Rossnagel, & Lindley R. Higgins, 5th Edition, McGraw-Hill

*Handbook of Suggested Practices for the Design and Installation of Ground Water Monitoring Wells*, National Groundwater Association, 601 Dempsey Road, Westerville, Ohio 43081- 8978, [www.ngwa.org](http://www.ngwa.org)

*Manual of Water Well Construction Practices*, 2nd Edition, 1998, National Ground Water Association, 601 Dempsey Rd Westerville, OH 430818978, 8005517379, [www.ngwa.org](http://www.ngwa.org)

*Water Systems Handbook*, 12th Edition, Water Systems Council, (888) 395-1033, <https://www.watersystemscouncil.org/>

Candidates are responsible for bringing their own references to the examination center. Reference materials may be highlighted, underlined, annotated and/or indexed prior to the examination session. However, references may not be written in during the examination session. Any candidate caught writing, highlighting, underlining and/or indexing in the references during the examination will be reported to the Arizona Registrar of Contractors. Furthermore, candidates are not permitted to bring in any additional papers (loose or attached) with their approved references. References may be tabbed/indexed with permanent tabs only. (permanent tabs are defined as tabs that would tear the page if removed). Temporary tabs, (defined as Post-It notes, or other tabs that may be removed without tearing the page) are not allowed and must be removed from the reference before the exam will begin. If you are downloading from the Internet, you may bring this reference into the testing center with you as long as it is bound. You can have it spiral bound or you may hole-punch it and put it in a binder.

