ARKANSAS CONTRACTORS LICENSING BOARD

CONCRETE RESIDENTIAL

# of Questions	Minimum Passing Score	Time Allowed
30	21 correct 70%	75 Minutes

CONTENT OUTLINE

Subject Area	# of Items
Estimating	3
Layout and Excavation	6
Formwork	4
Reinforcing Steel	4
General Concrete	9
OSHA Safety	4

EXPERIMENTAL QUESTIONS

In addition to the number of questions per examination, a small number of up to ten "experimental" questions may be administered to candidates during the examinations. These questions will not be scored, and the time taken to answer them will not count against examination time. The administration of such non-scored experimental questions is an essential step in developing future licensing examinations.

REFERENCE LIST

To find reference materials, you may use the link provided or search for the material online via a search engine such as Google. You may also go to PSI's online store at www.psionlinestore.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.

You will have access to an online calculator. You may not bring your own calculator.

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
https://www.osha.gov/laws-regs/regulations/standardnumber/1926
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

International Residential Code, 2015, International Code Council, 5203 Leesburg Pike, Suite 600, Falls Church, VA 22041, (800) 786-4452, https://shop.iccsafe.org/2015-international-residential-code.html

ACI 318-11 or *ACI 318-14 (2011 or 2014): Building Code Requirements for Structural Concrete and Commentary*, American Concrete Institute, (248) 848-3700, https://www.concrete.org/store/productdetail.aspx?ItemID=31814

Design and Control of Concrete Mixtures, 16th Ed, 2016, Steven H. Kosmatka, William C. Panarese, Portland Cement Association, https://www.amazon.com/Design-Control-Concrete-Mixtures-16th/dp/0893122777

Pipe and Excavation Contracting, Dave Roberts, 2011, Craftsman Book Company, (800) 829-8123, https://www.amazon.com/Pipe-Excavation-Contracting-Revised-Roberts-ebook/dp/B005DNTFQE/ref=sr_1_1?keywords=pipe+and+excavation+contracting+2011&qid=1559162328&s=books&sprefix=%EF%82%A7%09Pipe+and+Excavation+Contracting%2Cstripbooks%2C440&sr=1-1

The Contractor's Guide to Quality Concrete Construction, 4th edition, 2018, American Concrete Institute, PO Box 9094, Farmington Hills, MI 48333, (248) 848-3700, https://www.amazon.com/Contractors-Guide-Quality-Concrete-Construction/dp/1641950471/ref=sr_1_fkmr0_1?keywords=The+Contractor%27s+Guide+to+Quality+Concrete+Construction%2C+4th+edition%2C+2018&qid=1580166500&s=books&sr=1-1-fkmr0

Placing Reinforcing Bars, Recommended Practices, 2011, 9th Edition, Concrete Reinforcing Steel Institute, https://www.amazon.com/Placing-Reinforcing-Bars-9th-CRSI/dp/B005GR19C0

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 Arkansas Contractors Licensing Board. 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.