

Concrete Contractor - BCE1V
Volusia County Version

Scope

Concrete Contractor: The scope of work of a Concrete Contractor shall include and be limited to the execution of contracts requiring skill, knowledge, ability and experience to install, repair, maintain, replace, pour and finish concrete driveways, sidewalks, patios and miscellaneous slabs and concrete foundations designed to accept any structure when in the design of that structure, a footer is required. This scope of work does not include the installation of pool, spa, or hot tub decks; separate licensure is required. [Florida Administrative Code 61G4-15.032(b)(e)] A person who has passed a competency examination as a Concrete Contractor may perform these or related tasks or may supervise persons in his employ in the execution of these tasks.

Examination Content Outline

The Concrete Contractor examination is based on trade-specific information pertaining to materials, tools, equipment, practices, terminology, and relevant laws. The examination is a two (2) hour, open book exam that consists of 50 questions.

Subjects:	No. of Items
Earthwork	4
Safety	6
Concrete	15
Reinforcement	7
Formwork	13
Estimating & Plan Reading	5
Total:	50

Approved References

1. **Code of Federal Regulations – Title 29, Part 1926** (OSHA), 2003
2. **Formwork for Concrete**, 1995, 6th ed., M.K. Hurd
3. **Excavation and Grading Handbook**, 1987, 2nd ed., Michael C. Thomsett
4. **Design and Control of Concrete Mixtures**, Kosmatka and Panarese, 13th Ed, 1988 with 1994 revisions.
5. **Placing Reinforcing Bars**, 8th Ed., 2005

License Information

Scope – Tests a candidate’s knowledge of concrete work, including formwork, placement of steel reinforcement, batching, mixing, delivery, placing, finishing, and curing.

Examination Outline**Open Book****50 Questions****Time limit: 2 hours and 10 minutes****75% Correct required to pass**

Exam Topic	%
Plan Reading and Estimating	10
Sitework	8
Formwork	26
Reinforcing Steel	14
Concrete	30
Safety	12

References

The following references are allowed in the testing center.

1. *2007 Florida Building Code: Building Volume*, Published 2008, International Code Council (ICC), 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, www.iccsafe.org.
2. *Code of Federal Regulations, Title 29, Part 1926* (OSHA), Revision July 1, 2008, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954, www.access.gpo.gov.
3. *Construction Materials, Methods, and Techniques*, Second Edition, 2006, Delmar Learning, P.O. Box 6904 Florence, KY 41022, www.delmarlearning.com.
4. *Formwork for Concrete*, Seventh Edition, 2005, American Concrete Institute (ACI), P.O. Box 9094, Farmington Hills, MI 48333, www.concrete.org.

5. *Placing Reinforcing Bars*, Eighth Edition, 2005, Concrete Reinforcing Steel Institute, Distribution Center, 933 North Plum Grove Road, Schaumburg, IL 60173-4758, www.crsi.org.
6. *The Contractor’s Guide to Quality Concrete Construction*, Third Edition, 2005, American Concrete Institute (ACI), P.O. Box 9094, Farmington Hills, MI 48333, www.concrete.org.

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

Copyrighted Exam Questions

All test questions are the copyrighted property of Prometric Inc. It is forbidden under federal copyright law to copy, reproduce, record, distribute or display these test questions by any means, in whole or in part, without our written permission. Doing so may subject you to severe civil and criminal penalties, including up to five years in prison and/or a \$250,000 fine for criminal violations.