

**License Information**

**Scope** – Tests a candidate's knowledge of installation, repair, and modification of non-electrical signs.

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

Exam Topic	%
Plan Reading	12
Concrete	24
Concrete Reinforcement	10
Wood	12
Structural Steel	16
Welding	8
Non-electric Signs	8
Safety - OSHA	10

**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](http://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](http://www.access.gpo.gov).
3. *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](http://www.concrete.org).
4. *Fundamentals of Building Construction: Materials and Methods*, Fourth Edition, 2004, Wiley Publishing, Inc., 10475 Crosspoint Boulevard, Indianapolis, IN 46256, [www.wiley.com](http://www.wiley.com).

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

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**Sign Contractor (nonelectrical) - BKE1V**  
Volusia County

**Scope**

*Sign contractor (nonelectrical):* A person or firm qualified and certified to perform installation, repair, maintenance, and modification of nonelectrical signs in accordance with the Florida Building Code. Associated electrical work may not be contracted for, subcontracted for, permitted or performed by specialty license holder. All associated electrical work must be contracted for, permitted and performed by a certified or registered electrical contractor.

**Examination Content Outline**

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

<b>Subjects:</b>	<b>No. of Items</b>
Safety	5
Estimating	5
Concrete	9
Concrete Reinforcement	4
Non-Electric Signs	10
Structural Steel	7
Wood	6
Welding	4
Total:	50

**Approved References**

1. **Florida Building Code (Building)**, 2010
2. **Code of Federal Regulations – Title 29, Part 1926** (OSHA), 2003
3. **Design and Control of Concrete Mixtures**, Kosmatka and Panarese, 14<sup>th</sup> Edition, 2002 with 2008 rev.
4. **Modern Welding**, 1997, Althouse, Turnquist, .....
5. **Carpentry and Building Construction**, 2010, John L. Feirer, et al.
6. **Excavation and Grading Handbook**, 2007, 3<sup>rd</sup> Ed., Capachi
7. **Residential Steel Framing Construction Guide**, 1994, E.N.Lorre
8. **Code of Standard Practice for Steel Buildings and Bridges**, 1992  
**BCSI Guide to Good Practice for Handling, Installing, and Bracing of Metal Plate Connected Wood**
9. **Trusses**, 2008 ed.
10. **Placing Reinforcing Bars**, 9<sup>th</sup> Edition, 2011
11. **Florida Building Code (Residential Building)**, 2010

## **Sign Contractor (Non-Electric)**

Tests a candidate's knowledge of installation, repair, and modification of non-electrical signs.

<b>Number of Questions</b>	<b>50</b>
<b>Time allowed (hours)</b>	<b>2</b>
<b>Subject Area</b>	<b># Quest.</b>
Plan Reading	5
Concrete and Reinforcement	9
Wood	6
Structural Steel	8
Welding	7
Non-Electric Sign	8
Safety	7

### **References**

- **Carpentry Level One**, 2006. ISBN: 978-0-13-229268-9. Prentice Hall, P.O. Box 11071, Des Moines, IA 50336. Available at <http://nccer.pearsonconstructionbooks.com>.
- **Carpentry Level Three**, 2007. ISBN: 978-0-13-228600-8. Prentice Hall, P.O. Box 11071, Des Moines, IA 50336. Available at <http://nccer.pearsonconstructionbooks.com>.