

**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. Electrical work may be included in the contract but must be subcontracted to 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)**, 2007
2. **Code of Federal Regulations – Title 29, Part 1926 (OSHA)**, 2003
3. **Design and Control of Concrete Mixtures**, Kosmatka and Panarese, 13th Ed, 1988 with 1994 revisions.
4. **Modern Welding**, 1997, Althouse, Turnquist, .....
5. **Carpentry and Building Construction**, 1997, John L. Feirer, et al.
6. **Excavation and Grading Handbook**, 1987, 2nd ed., Michael C. Thomsett
7. **Residential Steel Framing Construction Guide**, 1994, E.N.Lorre
8. **Code of Standard Practice for Steel Buildings and Bridges**, 1992
9. **Handling, Installing and Bracing Metal Plate Connected Wood Trusses, HIB-91**
10. **Placing Reinforcing Bars**, 7<sup>th</sup> Ed., 1997

**Signs, Non-electric****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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