

**License Information**

**Scope** – Tests a candidate’s knowledge of the erection of structural steel shapes and plates, including such minor field fabrication as may be necessary, of any profile, perimeter, or cross-section, that are or may be used as structural members for buildings and structures, including related metal decking, siding, joists, riveting, welding, and rigging.

**Examination Outline****Open Book**

**50 Questions - Three-hour time limit**  
**70% Correct required to pass**

| Exam Topic                  | %  |
|-----------------------------|----|
| Structural Steel            | 20 |
| Welding                     | 12 |
| Steel-Bolting               | 8  |
| Decking                     | 12 |
| Siding                      | 6  |
| Joists                      | 10 |
| Rigging                     | 12 |
| Safety – OSHA               | 10 |
| Estimating and Plan Reading | 10 |

**References**

The following references **are allowed** in the testing center.

1. *Code of Federal Regulations, Title 29, Part 1926, (OSHA)*, 2003 Edition, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954, [www.access.gpo.gov](http://www.access.gpo.gov).
2. *Code of Standard Practice for Steel Buildings and Bridges*, 2000 Edition, American Institute of Steel Construction, One East Wacker Drive, Suite 3100, Chicago, IL 60601-2001, [www.aisc.org](http://www.aisc.org).
3. *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).

4. *Handbook of Rigging: For Construction and Industrial Operations*, Fourth Edition, 1988, McGraw-Hill Publishing, Inc., P.O. Box 182604, Columbus, OH 43272, [books.mcgraw-hill.com](http://books.mcgraw-hill.com).
5. *Handling and Erection of Steel Joists and Joist Girders, Technical Digest No. 9*, 1987 Edition, Steel Joist Institute, 3127 10<sup>th</sup> Avenue North, Myrtle Beach, SC 29577-6760, [www.steeljoist.org](http://www.steeljoist.org).
6. *Manual of Steel Construction: Allowable Stress Design*, Ninth Edition, 1989, American Institute of Steel Construction, One East Wacker Drive, Suite 3100, Chicago, IL 60601-2001, [www.aisc.org](http://www.aisc.org).
7. *Modern Welding*, 2004 Edition, Goodheart-Willcox Company, Inc., 18604 West Creek Drive, Tinley Park, IL 60477-6243, [www.goodheartwillcox.com](http://www.goodheartwillcox.com).
8. *OSHA Excerpts for Contractors*, Fourth Edition, 2003, Prometric, [www.prometric.com](http://www.prometric.com).

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

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