

Structural Steel Erection

Catalog Number: C11810
Exam Number: 911701
Effective Date: 01/01/04

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
Structural Steel – Bolting	8
Metal-Decking	12
Metal-Siding	6
Metal-Joists	10
Rigging	12
Safety	10
Estimating-Plan Reading	10

References

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

1. Code of Federal Regulations, Title 29, Part 1926, (OSHA), 2002, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954.
2. *OSHA Excerpts for Contractors*, Third Edition, 2002, Prometric, www.prometric.com.

The following references were used to create exam questions but **are not allowed** in the testing center.

1. *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.
2. *Handling and Erection of Steel Joists and Joist Girders, Technical Digest No. 9*, 1987 Edition, Steel Joist Institute, 3127 10th Avenue North, Myrtle Beach, SC 29577-6760.
3. *Modern Welding*, 2000, Goodheart-Willcox Company, Inc., 18604 West Creek Drive, Tinley Park, IL 60477-6243.
4. *Fundamentals of Building Construction: Materials and Methods*, Third Edition, 1999, Wiley Publishing Inc., 10475 Crosspoint Blvd., Indianapolis, IN 46256.
5. *Handbook of Rigging: For Construction and Industrial Operations*, Fourth Edition, 1988, McGraw-Hill Publishing, Inc., P.O. Box 182604, Columbus, OH 43272.
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.

Copyrighted Exam Questions

All test questions are the property of Prometric Inc. and are protected by copyright. Federal law provides severe civil and criminal penalties for the unauthorized reproduction, distribution, or exhibition of copyrighted materials.