

STATE OF LOUISIANA

Licensing Board for Contractors

Study Guide for:

Ornamental Iron and Structural Steel Erection, Metal Buildings

Content Outline

The examination for Ornamental Iron and Structural Steel Erection, Metal Buildings consists of 50 multiple-choice questions, and is a closed book exam. The following is a list of the subject areas that will be covered in this examination:

<u>SUBJECT AREA</u>	<u>% of Exam</u>
Specifications, Blueprints, Details	22%
Structural Steel Erection	18%
Rigging, Hoisting, Cranes	16%
Structural Steel Fabrication	14%
Safety	14%
Welding	10%
Properties of Metals	6%

Below is a suggested list of references. These or similar references may be helpful in studying for this examination. However, these references do not necessarily contain all of the information necessary to be competent in this trade or to pass the examination. These references may possibly be available from your local library, bookstore, or the publisher if still in print. If not available in your local library, your librarian may be able to obtain a copy for your use from another library in the same system.

Hanford Site Hoisting and Rigging Manual, DOE-RL-92-36; U. S. Department of Energy, Hanford Site; Hanford, WA; 2007.

Available at: <http://www.hanford.gov/?page=555&parent=0>

Metal Fabrication: A Practical Guide; O'Con, Robert L. and Carr, Richard H.; Fabricators & Manufacturer's Association, International, Rockford, IL.

Modern Welding; Althouse, Andrew D., et. al.; The Goodheart-Willcox Co., Inc.; South Holland, IL.

Welding Technology; Kennedy, Gower A.; Glencoe Publishing Co.; Encino, CA.