

STATE OF LOUISIANA  
Licensing Board for Contractors  
Baton Rouge, Louisiana

*Study Guide for:*  
**7-79 Structural Steel Erection**

The examination for 7-79 Structural Steel Erection consists of 40 multiple choice questions, and is a **closed book** exam. The following is a list of the subject areas that will be covered in the examination:

<u>SUBJECT AREA</u>	<u>% of Exam</u>
<b>Specifications, Blueprints, Details</b>	<b>25%</b>
<b>Structural Steel Erection</b>	<b>22%</b>
<b>Rigging, Hoisting, Cranes</b>	<b>23%</b>
<b>Safety</b>	<b>20%</b>
<b>Welding</b>	<b>10%</b>

Below is a *suggested* list of references. These references are **not** required reading in order to pass the examination. These references do not necessarily contain all of the information needed to be competent in this trade or to pass the examination. The examination is based on practical knowledge related to this field. However, these or similar references may be helpful for those who would like to prepare further for this examination. These references might be available from your local library, a book distributor or 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 through the services of Inter-Library Loan.

*Basic Engineering for Builders*; Schwartz, Max; Craftsman Book Co.; Carlsbad, CA.

*Industrial Safety and Health Management*; Asfahl, C. Ray; Prentice-Hall, Inc.; Englewood Cliffs, NJ.

*Metal Fabrication: A Practical Guide*; O'Con, Robert L. and Carr, Richard H.; Fabricators and Manufacturers Association; Rockford, IL.

*Handbook of Rigging for Construction and Industrial Operations*; Rossnagel, W. E., et. al.; McGraw-Hill, Inc.; New York.

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