

# Department of Examinations and Assessment

Louisiana State Licensing Board for Contractors

The logo for the Louisiana State Licensing Board for Contractors (LSLBC) consists of the letters "LSLBC" in white, bold, sans-serif font, centered within a dark blue rounded rectangle.

Electrical Controls

## Classification Description:

Refers to the installation or fabrication of controls for electrical work including instrumentation, HVAC controls, "Smart house" controls, alarm panels, etc.; Please note that security alarm panels require additional fire marshal licensing.

**Electrical Controls** is an **open book**, **50** multiple-choice question examination. You will have **2 ½ hours** to complete this examination.

Listed below is only a sample of the many good references available on this subject which may be helpful in studying for this examination. This is not a comprehensive listing. Please note that it is not necessary to read all of the books in order to pass the examination. Rather, this list is intended to suggest what types of books might be useful in helping to acquire the basic knowledge needed to perform this type of work.

We try to keep this list current with books in print, but some books go out of print from time to time. These books may be available in your local library's collection or through your local library by using the services of Inter-Library Loan.

If still in print, these books may also be available through your local bookstore or by contacting the publisher.

All references available via the internet are followed by the appropriate website address for obtaining the reference. From time to time, website addresses may change and no longer be available. In such cases, please search for the appropriate new website address or contact the publisher or a library to obtain a copy.

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**Content Outline**

<b>National Electrical Code</b>	<b>62%</b>
<b>Practical Wiring/Calculation</b>	<b>20%</b>
<b>Instrumentation Equipment</b>	<b>10%</b>
<b>Calibration Equipment</b>	<b>8%</b>

**ONLY the following reference will be provided for use at the testing site.  
No other references or materials will be allowed.**

**National Electrical Code**; National Fire Protection Association; NFPA 10-2008.

***Reference books that will NOT be available during the exam, but maybe helpful in preparing for the exam:***

**Instrumentation, Fifth Edition**; Kirk, Franklyn and Nicholas R. Rimboi; American Technical Publishers; Homewood, IL; 2010.

**Basic Instrumentation, Third Edition**; Whalen, Bruce R.; Petroleum Extension Service, The University of Texas at Austin; Austin, TX; 1983.

**Industrial Instrumentation**; Sutko, Al and Faulk, Jerry D.; Delmar Publishers; Albany, NY; 1996.

**Direct Current Fundamentals**; Loper, Orla; and Edgar Tedsen; Delmar Publishers, Inc.

**American Electrician's Handbook** ; Croft, Terrell; Wilford I. Summers; and Frederic P. Hartwell; McGraw-Hill.