

# Department of Human Resources & Examinations

## Louisiana State Licensing Board for Contractors

LSLBC

### 3.2 Electrical Transmission Lines

*The construction, installation, maintenance, or repair of electrical transmission and distribution lines, poles, and towers for outside the plant. Also includes electrical power substations and all internal components, including transformers, circuit breakers, reclosers, switches, fuses, rigid, strain, and overhead bus structures, insulators, wave jumpers, wave traps, and related electrical transmission towers within or leading directly to the substation. A license is required when the value exceeds \$10,000. Electrical transmission lines is a subclassification of Electrical and Heavy Construction.*

# Introduction



*Electrical Transmission Lines* is an **open book** examination with 50 multiple-choice questions and a minimum passing score of 70. You will have **2 ½ hours** to complete this examination. The 2008 National Electrical Code and the 2017 National Electrical Safety Code will be available for use on the examination.

This bulletin contains only a representative sample of the many good references available on the subject at the time the list was compiled. It 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 references might be useful in helping to acquire the basic knowledge needed to perform this type of work. Often the best preparation is training through a mentor or through a company or organizational training program, or a higher educational or vocational educational training program, etc., along with actual experience.

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 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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## References

**The Lineman's & Cableman's Handbook**, Eleventh Edition; Shoemaker, Thomas and Mack, James; McGrawHill; New York; 2007.

**American Electrician's Handbook**; Fifteenth Edition. Croft, Terrell, Wilford I Summers and Frederick P. Hartwell. McGraw-Hill, Inc. 2009.

**National Electrical Code; National Fire Protection Association**, NFPA 70-2008.

**National Electrical Safety Code**; Institute of Electrical and Electronics Engineers, Inc.IEEESA-C2-2017

**Alternating Current Fundamentals**, Seventh Edition; Herman, Stephen L.; Thomson Delmar Learning; Clifton Park, NY; 2007



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