

# Department of Human Resources & Examinations

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## Louisiana State Licensing Board for Contractors

LSLBC

### **S.13 Tower Construction**

*The construction, erection, or repair of towers of various types including fire towers, water towers, and telecommunications towers. Includes access road, instrumentation shed, fencing, foundation, antennas, structural steel, etc. and all activities related to tower construction.*

# Introduction



Tower Construction is a closed book examination with 100 multiple-choice questions. You will have *four hours* to complete this 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.

## Content Outline

Content Domain	%
Site Design and Maintenance	7
Site Construction and Foundations	13
Erections	15
Electrical and Grounding	11
Appurtenances	14
Safety	17
Tower Modifications	11
Tower Industry Standards	12

## References

[The Homeowner's Guide to Carpentry and Cabinetry](#); Armpriester, K. E. and Bremer, B. A.; Sterling Publishing co; New York.

[ACI 318](#); American Concrete Institute.

[American Electricians' Handbook](#); Fifteenth Edition; Croft, Terrell, Wilford I. Summers, and Frederic P., Hartwell; McGraw Hill; NY.

[ANSI/TIA Standards; 1019-A](#); Standard for Installation, Alteration and Maintenance of Antenna Supporting Structures and Antennas, September, 2012.

[ANSI/TIA Standards 222 G](#); Electronic Industries Alliance/Telecommunication Industries Association.

[Code of Federal Regulations 29:1926](#); U.S. Department of Labor, Occupational Safety and Health Administration; Washington, DC.

[ComTrain's Tribute to Safety](#); Fourth Edition; Winton Wilcox, Jr., Ed.; ComTrain Texas, LLC, Austin, TX; 2013.

## References Continued

Concrete Manual; Waddell, Joseph J.; International Conference of Building Officials; Whittier, CA; 1992.

Hoisting and Rigging, DOE Standard 1090-2001; U. S. Department of Energy; Washington, DC; 2001.

National Environmental Policy Act

FAA Advisory Circular 70/7460 1-K; <http://www.faa.gov>

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National Historic Preservation Act, 1966 as amended (2000)

Microwave Facilities & Regulations; Kurcina, Edward; abcTeleTraining, Inc.; 1987.

NATE Hazard Recognition Guide, "RF Hazard Consideration"; National Association of Tower Erectors; 2013.

National Association of Broadcasters Engineering Handbook; Tenth Edition; Williams, Edmund A., Editor-in-Chief, et.al; Focal Press; Burlington, MA; 2007.

Tower Construction & Technology; Wilcox, Winton W., Jr., Editor; ComTrain, LLC; Austin, TX; 1999.

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Up the Tower: The Complete Guide to Tower Construction; Steve Morris; Champion Radio Products; Redmond, WA; 2009.

Welding Technology; Second Edition; Kennedy, Gower A.; Glencoe Publishing Co.; Encino, CA; 1982



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