

Department of Human Resources & Examinations

Louisiana State Licensing Board for Contractors

LSLBC

1.4 Foundations for Buildings, Equipment, or Machinery

The driving, casting, jetting, vibrating, or drilling of structural and sheet piles for buildings, bridges, wharves, docks, cofferdams, caissons, seawalls, etc., and to the construction, installation, or repair of the same. Includes augured pressure grouted piling, pressure grouting, preplaced aggregate concrete underlayment, slurry walls, slabs, foundation walls, tremies, and all other types of deep and shallow foundations. Allows a contractor to raise and level buildings and houses. Foundations and Pile Driving is a subclassification of Heavy Construction.

Introduction



*7-15 Foundations for Buildings, Equipment, or Machinery is a closed book examination with 50 multiple-choice questions and a minimum passing score of 70. You will have **two 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.

References

The Contractor's Guide to Quality Concrete Construction; American Concrete Institute (ACI) International and the American Society of Concrete Contractors; Farmington Hills, MI.

2016 National Earthwork & Heavy Equipment Estimator; Chapters 1, 7, and 12; Atcheson, Dan; Craftsman Book Company; Carlsbad, CA; 2016.



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