

Department of Examinations and Assessment

Louisiana State Licensing Board for Contractors

LSLBC

Air Conditioning Work, Ventilation,
Refrigeration and Duct Work

Air Conditioning Work, Ventilation, Refrigeration and Duct Work is a **closed book** examination with 100 multiple-choice questions which are equally weighted. You will have four hours to complete this examination. A calculator will be provided for use during the 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.

Content Outline

Project Management, Estimating and Plan Reading	21%
HVAC and Refrigeration Systems	26%
Air Distribution Systems and Ventilation	18%
Piping Systems and Hydronics - (Commercial, Residential and Industrial)	26%
Instrumentation (Controls, Balancing)	10%

Modern Refrigeration and Air Conditioning Althouse, A. D., et al; Goodheart-Willcox Publisher; Tinley Park, IL.
<http://www.g-w.com/modern-refrigeration-air-conditioning-2014>

Trane Air Conditioning Manual The Trane Company; La Crosse, WI. The following link is for ordering a hard copy of this publication: <http://www.trane.com/COMMERCIAL/DNA/View.aspx?i=491>

2012 International Mechanical Code International Code Council; Country Club Hills, IL; 2011.

AHRI Fundamentals of HVAC/R Stanfield, Carter and Skaves, David; AHRI Air-Conditioning, Heating, and Refrigeration Institute; Prentice-Hall, Pearson Education, Inc.; Upper Saddle River, NJ; 2010

Managing the Construction Process Fourth Edition; Gould, Frederick; Prentice-Hall, Pearson Education, Inc.; Upper Saddle River, NJ; 2011.

MCAA Project Manager's Manual Mechanical Contractors Association of America; Rockville, MD; 2006.