

Department of Examinations and Assessment

Louisiana State Licensing Board for Contractors

LSLBC

Municipal and Public Works
Construction

Municipal and Public Works Construction is a **closed book** examination with 80 multiple-choice questions which are equally weighted. You will have **four hours** to complete this examination. A calculator will be provided for your 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

Sewers and Storm Drain	21%	Site Preparation	8%
Water Transmission and Distribution	13%	Mechanical Piping	8%
Excavation, Grading, and Paving	12%	Gas Distribution	7%
Piles and Foundations	9%	Building Construction	5%
Sewer Plants and Pump Stations	9%	Water Filtration and Purification	5%
		Underground Electrical Conduit	3%

Concrete Manual; International Code Council; Country Club Hills, IL.

Moving the Earth; Nichols, Herbert L., Jr. and Day, David A.; McGraw-Hill; New York.

Safety and Health Regulations for Construction; Code of Federal Regulations, Title 29, Part 1926; U. S. Department of Labor, Occupational Safety and Health Administration; Washington, D.C.; 2005. Available at: <http://www.wbdg.org/ccb/OSHA/29cfr1926.pdf>

Handbook of PVC Pipe Design and Construction; Fifth Edition; Carleo, John, Ed.; Industrial Press, Inc.; New York, NY; 2012. Available at: <http://new.industrialpress.com/handbook-of-pvc-pipe-design-and-construction.html>

References Continued

Domestic Wastewater Treatment, UFC 3-240-09A; Headquarters, Department of the Army; Washington, DC; 2004. Available at:
http://www.wbdg.org/ccb/DOD/UFC/ufc_3_240_02.pdf

Water Supply, Water Treatment, UFC 3-230-08A; Headquarters, Department of the Army; Washington, DC; 2004. Available at:
http://www.wbdg.org/ccb/DOD/UFC/ufc_3_230_03.pdf and
http://www.wbdg.org/ccb/DOD/UFC/ufc_3_230_02.pdf

Engineering and Design - Conduits, Culverts, and Pipes; EM 1110-2-2902; U. S. Army Corps of Engineers; Washington, DC.
http://www.publications.usace.army.mil/Portals/76/Publications/EngineerManuals/EM_1110-2-2902.pdf

Sanitary and Industrial Wastewater Collection - Pumping Stations and Force Mains, UFC 3-240-08FA; Headquarters, Department of the Army; Washington, DC; 2004.
Available at: http://www.wbdg.org/ccb/ARMYCOE/COETM/ARCHIVES/tm_5_814_2.pdf

Water Supply: Water Distribution, UFC 3-230-10A; Headquarters, Department of the Army; Washington, DC; 2004. Available at:
http://www.wbdg.org/ccb/browse_doc.php?d=6797

Highway Stormwater Pump Station Design, Hydraulic Engineering Circular No. 24, Publication No. FHWA-NHI-01-007; Parsons Brinckerhoff; Office of Bridge Technology Applications, National Highway Institute, Federal Highway Administration, U. S. Department of Transportation; Washington, DC; 2001.

SUBCLASSIFICATIONS

The Municipal and Public Works classification includes the work of all of the following subclassifications:

- Filter Plants and Water Purification
- Pipe Work (Gas Lines)
- Pipe Work (Sewer)
- Pipe Work (Storm Drains)
- Pipe Work (Water Lines)
- Power Plants
- Sewer Plants or Sewer Disposal
- Underground Electrical Conduit Installation
- Landscaping, Grading, and Beautification
- Fencing