

Department of Examinations and Assessment

Louisiana State Licensing Board for Contractors

LSLBC

Earthwork, Drainage, and Levees

Classification Description:

Includes land clearing, grubbing, snagging, and draining. Also includes earthmoving: grading, digging, cutting, filling, backfilling, compaction, trenching, excavation, and spreading of soil materials. Further includes the construction of ditches, canals, ponds, and levees. Entails the installation of ditch linings, erosion control, wing walls, culverts, drains, and catch basins. Also involves ground freezing, and the use of piezometers, sumps and any other apparatus used in the removal or isolation of ground water. In addition, involves the installation of various geotextile products for separation of water or soils.

Earthwork, Drainage, and Levees is a closed book, 30 multiple-choice question examination. You will have **two hours** to complete this examination.

The examination for 7-11 Earthwork, Drainage, and Levees is set at the level of knowledge, skill, and abilities expected for individuals entering the field as contractors for this work. Often the best preparation is training through a mentor or through a company or organizational training program, etc., along with actual experience. Below is only a representative sample of the courses and books available on this subject at the time this list was compiled which may be useful in preparing for this examination.

Book

Estimating Excavation; Chapters 1, 8 and 9; Burch, Deryl; Craftsman Book Company; Carlsbad, CA.

Course

Earthwork Series: Excavation; by the Transportation Curriculum Coordination Council (TC3) of the American Association of State Highway and Transportation Officials.

https://www.nhi.fhwa.dot.gov/course-search?tab=0&cat=141000&sf=0&course_no=132092

Videos

Excavation and Trenching Safety; by Marko Kaar

<https://www.youtube.com/watch?v=GmPSW2cx6n8>

Excavations in Construction; by Safety Resources

<https://safetyresourcesblog.com/2014/07/26/free-excavation-videos-from-osh-englishspanish-watch-here/>