



**CONTRACTORS STATE LICENSE BOARD
LICENSE EXAMINATION STUDY GUIDE**



PIPELINE (C-34)

Content of the Examination

The Pipeline (C-34) Examination is divided into five major sections:

- 1. Planning and Estimating (20%)**
 - Planning pipeline projects
 - Estimating pipeline projects
- 2. Install New Pipelines (34%)**
 - Job site preparation
 - Installing pipeline projects
 - Test and finish pipeline projects
- 3. Removal, Repair and Maintenance of Existing Systems (8%)**
 - Locate and isolate repairs
 - Repair or abandon pipeline systems
- 4. Specialty Pipeline Projects (10%)**
 - Specialty projects
 - Pipeline projects
- 5. Worker and Job Site Safety (28%)**
 - Personnel safety
 - Job site safety
 - Underground work
 - Dangerous materials

Percentages are approximate

Test Site Policy

This is a closed-book examination. No reference materials may be used during the examination. All materials brought to the examination site must be left in an unmonitored area at your own risk.

Test Strategy

This is a multiple-choice examination with four choices per question. Some questions require mathematical computation. Examination questions are written to provide only one BEST answer and are NOT written as trick questions.

There is no penalty for guessing. If you are unsure about a particular question, it is better to try to answer the question than to leave the question blank.

Ample time is provided to answer all examination questions, so be sure to read each question and its four choices completely and carefully before selecting the BEST possible answer to the question.

Sample Questions

The following questions are typical of the types of items that are on the examination. The correct answer is marked with “➡.”

1. Using a load factor of 50%, how many 10-yard dump truck loads are required to export 6” of paving removed from a 120’ x 4’ trench?
 - a. 1
 - ➡ b. 2
 - c. 4
 - d. 6

2. What method should be used to install electrical and telephone conduits in the same trench?
 - a. Electrical over telephone conduit with a concrete barrier and 4” between them.
 - b. Electrical over telephone conduit with a separation of at least 12” in between.
 - c. Telephone over electrical conduit secured together every 12”.
 - ➡ d. Telephone over electrical conduit with a separation of at least 12” in between.

3. When replacing pavement over a trench, what is meant by “overcutting”?
 - a. All wide spots and bell holes are cut square before paving.
 - b. Paving is reinstalled one inch thicker than what was removed.
 - c. The trench is base-paved and capped later.
 - ➡ d. The paving is cut outside the ditch line by a few inches.

****All questions are written and reviewed by licensed contractors who are actively working in the field****

Resources

Publisher information for reference books and code is provided below. Other sources for purchasing books and for viewing code can be found online.

State of California General Industry & Electrical Safety Orders (Cal/OSHA) and State of California Construction Safety Orders (Cal/OSHA). California Code of Regulations, Title 8. Mancomm.
PHONE: (877) 626-2666
INTERNET: www.mancomm.com

California Plumbing Code (2010). International Association of Plumbing and Mechanical Officials (IAPMO).
PHONE: (800) 854-2766
FAX: (909) 472-4246
INTERNET: www.iapmo.org

Moving the Earth: The Workbook of Excavation (2010). The McGraw-Hill Companies.
PHONE: (877) 833-5524
FAX: (614) 759-3823
INTERNET: www.mhprofessional.com

Pipe and Excavation Contracting Revised (2007). Craftsman Book Company.
PHONE: (800) 829-8123
FAX: (760) 438-0398
INTERNET: www.craftsman-book.com

Trenchless Technology Piping: Installation and Inspection (2010). The McGraw-Hill Companies.
PHONE: (877) 833-5524
FAX: (614) 759-3823
INTERNET: www.mhprofessional.com

****Publisher information is current as of 5/13****