



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 (22%)

- Project scope planning
- Cost and material calculation

2. New Pipeline Installation (36%)

- Preparing job sites
- Installing pipeline projects
- Cleaning, testing, and finishing pipelines

3. Removal, Repair, and Maintenance of Existing Systems (11%)

- Locating and inspecting pipes
- Repairing or abandoning pipeline systems

4. Specialty Pipeline Projects (11%)

- Installing grease interceptors
- Installing fire hydrants

5. Safety (20%)

- Employee safety
- Job site and equipment safety
- Trench and confined space work
- Hazardous 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. Examination questions are written to provide only one BEST answer. Some questions require mathematical computation. A calculator will be provided.

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.

Plenty of 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

Below are three typical examination questions. The correct answer is underlined.

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 installed one inch thicker than the paving that 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 trade

Resources

*Publisher information for reference books and code is provided below. Other sources for reference books may be found online. **California code books can be viewed online: www.dgs.ca.gov/bsc***

2019 California Plumbing Code. California Code of Regulations, Title 24. International Association of Plumbing and Mechanical Officials (IAPMO).
PHONE: (909) 472-4100
INTERNET: www.iapmo.org

Excavation and Grading Handbook. Craftsman Book Company.

PHONE: (800) 829-8123

INTERNET: www.craftsman-book.com

The "Greenbook": Standard Specifications for Public Works Construction. BNI Publications, Inc.

PHONE: (888) 264-2665

INTERNET: www.bnibooks.com

Moving the Earth: The Workbook of Excavation.

McGraw-Hill Professional.

PHONE: (877) 833-5524

INTERNET: www.mhprofessional.com

Pipe and Excavation Contracting. Craftsman Book Company.

PHONE: (800) 829-8123

INTERNET: www.craftsman-book.com

Pipeline Rules of Thumb Handbook.

E.W. McAllister. Gulf Professional Publishing.

PHONE: (404) 799-4000

INTERNET: www.elsevier.com/books

State of California General Industry & Electrical Safety Orders (Cal/OSHA) and State of California Construction & Electrical Safety Orders (Cal/OSHA), 2019. California Code of Regulations, Title 8. Mancomm.

PHONE: (877) 626-2666

INTERNET: www.mancomm.com

VIEW ONLINE:

www.dir.ca.gov/dosh/LawsAndRegulations.htm

Trenchless Technology Piping: Installation and Inspection. McGraw-Hill Professional.

PHONE: (877) 833-5524

INTERNET: www.mhprofessional.com

Publisher information is current as of 9/19