



CONTRACTORS STATE LICENSE BOARD LICENSE EXAMINATION STUDY GUIDE



CERAMIC AND MOSAIC TILE (C-54)

Content of the Examination

The Ceramic and Mosaic Tile (C-54) Examination is divided into five major sections:

1. Planning and Estimating (19%)

- Planning
- Estimating
- Material selection

2. Installation Preparation (19%)

- Demolition, disposal, and job site preparation
- Substrate preparation
- Membranes and barriers

3. Installation and Repair (34%)

- Installing tile and stone
- Joint treatment for tile and stone installations
- Repair and restoration
- Showers and steam rooms

4. Specialty Tile Installation (16%)

- Specialty tile installation
- Slab and stone installation
- Accessories

5. Safety (12%)

- Personnel safety
- Equipment safety
- Environmental safety

Percentages are approximate

Test Policy

This is a closed-book examination. No reference materials may be used during the examination.

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 marked with an asterisk (*).

1. How many square feet of tile are needed for an area that measures 2-1/2" by 4" on a plan that is drawn to a 1/8" scale?
 - a. 10 sq. ft.
 - b. 160 sq. ft.
 - c. 576 sq. ft.
 - d. 640 sq. ft.*
2. Which of the following types of tile requires sealing before grouting?
 - a. Vitreous body
 - b. Semi-matte
 - c. Crackle-glazed*
 - d. Ceramic
3. Assuming that a bag of grout covers 75 sq. ft., how many bags are needed for a 25' x 23' room?
 - a. 6 bags
 - b. 7 bags
 - c. 8 bags*
 - d. 9 bags

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

2022 California Building Code. California Code of Regulations, Title 24. International Code Council.
PHONE: (800) 786-4452
INTERNET: www.iccsafe.org

2022 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

ANSI A108/A118/A136.1 Specifications for the Installation of Ceramic Tile. Tile Council of North America, Inc.

PHONE: (212) 642-4980

INTERNET: webstore.ansi.org

Dimension Stone Design Manual, Version 8. Natural Stone Institute.

PHONE: (440) 250-9222

INTERNET: www.naturalstoneinstitute.org

NTCA Reference Manual. National Tile Contractors Association.

PHONE: (601) 939-2071

INTERNET: www.tile-assn.com

State of California General Industry & Electrical Safety Orders (Cal/OSHA) and State of California Construction & Electrical Safety Orders (Cal/OSHA). 2022. California Code of Regulations, Title 8. Mancomm.

PHONE: (877) 626-2666

INTERNET: www.mancomm.com

VIEW ONLINE:

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

TCNA Handbook for Ceramic, Glass, and Stone Tile Installation. Tile Council of North America, Inc.

PHONE: (601) 939-2071

INTERNET: www.tile-assn.com

Publisher information is current as of 12/22