Content of the Examination

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

1. Planning, Estimation, and Material Selection (19%)
   - Planning
   - Estimating
   - Material selection

2. Installation Preparation (19%)
   - Demolition, disposal, and job site preparation
   - Substrate preparation
   - Membranes and barriers

3. Installation and Repairs (34%)
   - Installing tile and stone
   - Joint treatment for tile and stone installations
   - Repairs 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 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. 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 an 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.bsc.ca.gov](http://www.bsc.ca.gov)**

### 2016 California Plumbing Code.
California Code of Regulations, Title 24. International Association of Plumbing and Mechanical Officials (IAPMO).
PHONE: (800) 854-2766
INTERNET: www.iapmo.org

### ANSI A108/A118/A136.1 Specifications for the Installation of Ceramic Tile (2014).
Tile Council of America, Inc.
PHONE: (864) 646-8453
INTERNET: www.tileusa.com

Marble Institute of America.
PHONE: (440) 250-9222
INTERNET: www.marble-institute.com

National Tile Contractors Association.
PHONE: (601) 939-2071
INTERNET: www.tile-assn.com

California Code of Regulations, Title 8. Mancomm.
PHONE: (877) 626-2666
INTERNET: www.mancomm.com
VIEW ONLINE: www.dir.ca.gov/dosh/LawsAndRegulations.htm

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PHONE: (864) 646-8453
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*Publisher information is current as of 05/17*