

**ARIZONA REGISTRAR OF CONTRACTORS**  
**CR-48 CERAMIC, PLASTIC AND METAL TILE (RESIDENTIAL/COMMERCIAL)**

**SCOPE OF WORK**

This classification allows the licensee to prepare a surface as required for the licensee to install or repair the following tile products on horizontal and vertical surfaces ceramic, clay, faience, metal, mosaic, glass mosaic, paver, plastic, quarry, stone tiles such as marble or slate, and terrazzo. Installation of shower doors and tub enclosures are included when a part of the original contract.

The trade test is considered equivalent for these classifications and upon passing the CBME and trade exam, either license classification may be applied for without further testing.

# of Questions	Minimum Passing Score	Time Allowed
80	70%	180 Minutes

**CONTENT OUTLINE**

Subject Area	# of Items
Plan Reading and Estimating	5
General Tile Knowledge	20
Grout and Finishing	10
Adhesives	7
Tile Installation	33
Safety and Employee Protection	5

**REFERENCE LIST**

To find reference materials, you may use the link provided or search for the material online via a search engine such as Google. You may also go to PSI's online store at [www.psionlinestore.com](http://www.psionlinestore.com).

The reference material listed below was used to prepare the questions for this examination. The examination may also contain questions based on trade knowledge or general industry practices. **Except for Code books**, you can base your answers on later editions of references as they become available. For Code questions, the examinations will be based **only** on the edition of the Code book that is listed.

Candidates may use a silent, nonprinting, non-programmable calculator in the examination center.

*The following reference material is allowed in the examination center:*

*Code of Federal Regulations - 29 CFR Part 1926 (OSHA), with latest available amendments, U.S. Government Printing Office, (866) 512-1800 or <http://www.access.gpo.gov/nara/cfr/cfr-table-search.html>*

**OR**

*Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI, with latest available amendments, 3210 E Tropicana, Las Vegas, NV 89121, (800) 733-9267, [www.psionlinestore.com](http://www.psionlinestore.com) (See order form at the end of the Candidate Information Bulletin.)*

*International Residential Code for One- and Two-Family Dwellings, 2006, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org) Starting 1/1/2019 the 2018 code will be used*

*ANSI A108/A118/A136.1:2017, American National Standard Specifications for the Installation of Ceramic Tile, 2017, American National Standards Institute, 1899 L Street NW, Washington, DC 20036, 212-642-4980 <https://webstore.ansi.org>*

*Handbook for Ceramic Tile Installation, 2017, Tile Council of North America, 100 Clemson Research Blvd., Anderson, SC 29625, (864) 646-8453, <https://www.tcnatile.com>*

*The following reference material is **not** allowed in the examination center:*

*Setting Tile, 1995, John Byrne, The Taunton Press*

*Builder's Guide to Floors, Peter Fleming, 1997*

*Craft Training for the Tile Professional - Tub Surrounds, National Tile Contractors Association, [www.icontractor.net](http://www.icontractor.net)*

*Tile Manual, 1991, Ceramic Tile Institute of America, George N. Lavenberg and Gerald M. Halweg.*

Candidates are responsible for bringing their own references to the examination center. Reference materials may be highlighted, underlined, annotated and/or indexed prior to the examination session. However, references may not be written in during the examination session. Any candidate caught writing, highlighting, underlining and/or indexing in the references during the examination will be reported to the Arizona Registrar of Contractors. Furthermore, candidates are not permitted to bring in any additional papers (loose or attached) with their approved references. References may be tabbed/indexed with permanent tabs only. (permanent tabs are defined as tabs that would tear the page if removed). Temporary tabs, (defined as Post-It notes, or other tabs that may be removed without tearing the page) are not allowed and must be removed from the reference before the exam will begin. If you are downloading from the Internet, you may bring this reference into the testing center with you as long as it is bound. You can have it spiral bound or you may hole-punch it and put it in a binder.

