



CONTRACTORS STATE LICENSE BOARD LICENSE EXAMINATION STUDY GUIDE



SHEET METAL (C-43)

Content of the Examination

The Sheet Metal (C-43) Examination is divided into four major sections:

1. Planning and Estimation (27%)

- Review project information
- Site evaluation
- Cost calculation

2. Preparation, Fabrication, and Storage (15%)

- Layout and material calculations
- Fabrication methods
- Storage requirements

3. Installation (28%)

- Gutters and downspouts
- Flashings
- Hoods and exhaust
- Metal roofs, siding, and paneling
- Specialty items and miscellaneous

4. Safety (30%)

- Job site safety
- Personnel safety
- Equipment 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 4' x 10' sheets of metal are needed to fabricate 300' of gutter with a stretch-out of 13"?
 - a. 8
 - b. 10
 - c. 15
 - d. 20
2. Which tool is used to attach an end-cap on a 5" ogee rain gutter?
 - a. Hand seamer
 - b. Crimper
 - c. Snaplock punch
 - d. Caulk gun
3. When fabricating a downspout with a cornice brake, what type of seam should be used?
 - a. Butt
 - b. Standing
 - c. Lap
 - d. Lock

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***

2016 California Building Code. California Code of Regulations, Title 24. International Code Council.
PHONE: (800) 786-4452
INTERNET: www.iccsafe.org

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

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

Architectural Sheet Metal Manual. Sheet Metal and Air Conditioning Contractors' National Association (SMACNA).
PHONE: (703) 803-2980
INTERNET: www.smacna.org

HVAC Duct Construction Standards – Metal and Flexible. Sheet Metal and Air Conditioning Contractors' National Association (SMACNA).
PHONE: (703) 803-2980
INTERNET: www.smacna.org

State of California General Industry & Electrical Safety Orders (Cal/OSHA) and State of California Construction & Electrical Safety Orders (Cal/OSHA). 2015. California Code of Regulations, Title 8. Mancomm.
PHONE: (877) 626-2666
INTERNET: www.mancomm.com

Publisher information is current as of 1/17