Content of the Examination

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

1. Planning and Estimating (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.dgs.ca.gov/bsc


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


*Publisher information is current as of 9/19*