



CONTRACTORS STATE LICENSE BOARD LICENSE EXAMINATION STUDY GUIDE



LOCK AND SECURITY EQUIPMENT (C-28)

Content of the Examination

The Lock and Security Equipment (C-28) Examination is divided into six major sections:

1. Planning and Estimation (25%)

- Plans and specifications
- Site survey
- System design
- Project and material costs

2. Install, Repair, and Maintain Doors and Hardware (20%)

- Locks, hardware, and closing devices
- Exit devices
- Doors and frames

3. Install, Repair, and Maintain Electronic Locking Systems (18%)

- Wiring
- Locking and operating hardware/software
- Controls, surveillance, and accessories

4. Install, Repair, and Maintain Mechanical Locking Systems (18%)

- Lock cylinders
- Key generation
- Lock bypass

5. Install, Repair, and Maintain Safes, Vaults, and Other Security Containers (5%)

- Safe installation
- Safe repair
- Safe deposit locks
- Drilling/penetrating safes

6. Safety (12%)

- Protective gear
- Power tools and equipment
- Safely work in elevated areas

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. Which item would prevent an exit device from being fire-rated?
 - a. Plastic end caps
 - b. Dogging assembly
 - c. Surface-mounted vertical rods
 - d. Rim cylinder
2. Which pair of hardware finishes are the same?
 - a. 605 and US5
 - b. 606 and US3
 - c. 613 and US10B
 - d. 626 and US26
3. When selecting a power supply for a job using four 0.75 amp electromagnetic locks, which is the BEST power supply?
 - a. 0.75 amp
 - b. 1.5 amps
 - c. 2.0 amps
 - d. 4.0 amps

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

Basic Architectural Hardware. Door and Hardware Institute.
PHONE: (703) 222-2010
INTERNET: www.dhi.org

The Complete Book of Locks and Locksmithing. 2005. Sixth Edition. Bill Phillips. McGraw-Hill.
PHONE: (877) 833-5524
INTERNET: www.mhprofessional.com

Keying Systems and Nomenclature. Door and Hardware Institute.
PHONE: (703) 222-2010
INTERNET: www.dhi.org

NFPA 80: Standard for Fire Doors and Other Opening Protectives. National Fire Protection Association.
PHONE: (800) 344-3555
INTERNET: www.nfpa.org

NFPA 101: Life Safety Code. National Fire Protection Association.
PHONE: (800) 344-3555
INTERNET: www.nfpa.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

Ugly's Electrical References. 2014. Jones & Bartlett Learning.
PHONE: (800) 832-0034
INTERNET: www.uglys.net

Publisher information is current as of 12/16