State of Hawaii

C-15a Fire and Burglar Alarm Contractor

Exam Number: 111516 Effective Date: 04/07/11 Revised: 12/30/15

License Information

Scope – To install, maintain, and repair central fire and burglar alarm systems; provided that this shall not include the installation of any conduits thereto.

Examination Outline

Open Book 28 Questions - One-hour time limit 75% Correct required to pass

Exam Topic	%
General Electrical Knowledge	10
Fire Detection	25
Intrusion Detection	25
Power Supplies	10
Signaling Circuits	10
Grounding and Bonding	10
Conductors and Cables	10

References

The following references are provided in the testing center for your use during the exam. No highlighting or notes of any sort may be made in these books during the exam.

- NFPA 70 National Electrical Code, 2008 Edition, National Fire Protection Association,
 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101, www.nfpa.org.
- NFPA 72 National Fire Alarm Code, 2007 Edition, National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101, www.nfpa.org.

The following references were used to create exam questions but **are not allowed** in the testing center.

- Low Voltage Wiring: Security/Fire-Alarm Systems, 2002, McGraw-Hill Publishing, Inc., McGraw-Hill Publishing, Inc., 860 Taylor Station Road, Blacklick, OH 43004, mhprofessional.com.
- Delmar's Standard Textbook of Electricity, Fourth Edition, 2008, Delmar Learning, P.O. Box 6904, Florence, KY 41022, www.delmarlearning.com.

For information on how to obtain references, please call toll-free 877.624.2562.

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