State of Hawaii

C-15 Electronic Systems Contractor

Exam Number: 111515 Effective Date: 04/07/11 Revised: 12/30/15

License Information

Scope – To install electronic equipment and electronic controls, including but not limited to, public address, intercommunication, master antenna, and music distribution systems, CATV systems, master and program clock systems, electronic teaching devices, and other systems including electric door opening devices, and 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	13
Grounding and Bonding	3
Branch Circuits	3
Raceways and Enclosures	3
Conductors and Cables	10
Equipment for General Use	3
Special Occupancies	3
Low Voltage Circuits	13
Intrusion Detection and Alarm Systems	10
Fire Detection and Alarm Systems	10
Communications Systems	10
Sound and Video Systems	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., 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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