State of Hawaii C-13 Electrical Contractor

License Information

Scope – To place, install, erect, or connect any electrical wires, fixtures, appliances, apparatus, electrical signs, conduits, poles, raceways, and to do trenching, backfilling, patching, and surface restoration in connection with the installation of conduit and lines that transmit, transform, or utilize electrical energy less than 600 volts phase to phase. This classification also includes the work of the C-15 Electronic Systems Contractor and C-60 Solar Power Systems Contractor.

Examination Outline

Open Book

40 Questions - Two-hour time limit 75% Correct required to pass

Exam Topic	%
General Electrical Knowledge	22
Grounding and Bonding	13
Services, Feeders, and Branch Circuits	10
Raceways and Enclosures	10
Conductors and Cables	10
Motors and Controls	10
Equipment for General Use	10
Special Occupancies and Equipment	10
Low Voltage Circuits	5

References

The following reference **is provided** in the testing center for your use during the exam. No highlighting or notes of any sort may be made in the book during the exam.

 NFPA 70 National Electrical Code, 2008 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.

- 1. Alternating Current Fundamentals, Seventh Edition, 2006, Delmar Learning, P.O. Box 6904, Florence, KY 41022, www.delmarlearning.com.
- 2. *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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