License Information

**Scope** – Tests a candidate’s knowledge of the design, plan, installation, repair, alteration, and maintenance of electric conductors, raceways, and equipment for light, heat, and power.

Examination Outline

**Open Book**

100 Questions - Four-hour time limit
75% Correct required to pass

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<th>Exam Topic</th>
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<tbody>
<tr>
<td>General Electrical Knowledge</td>
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<tr>
<td>Wiring and Protection</td>
<td>25</td>
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<tr>
<td>Wiring Methods and Materials</td>
<td>20</td>
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<tr>
<td>Equipment for General Use</td>
<td>20</td>
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<tr>
<td>Special Occupancies</td>
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<tr>
<td>Special Equipment</td>
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<td>Special Conditions</td>
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<tr>
<td>Communication Systems</td>
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</table>

References

The following references are allowed in the testing center.


For information on how to obtain exam references, please call toll-free 877.624.2562.
Scope
In order for an applicant to be eligible to receive certification from the board as a Master Electrician the applicant must demonstrate that the applicant possesses the skill, knowledge, ability and experience to install, maintain, design, repair, alter, extend and construct electrical systems, fire alarm systems, and all appurtenances, equipment, and apparatus used in connection therewith in accordance with the building code and all other applicable codes and regulations, and to supervise and direct other persons who engage in such activities.

Examination Content Outline
The Unlimited Master Electrical Contractor examination is based on trade-specific information pertaining to materials, tools, equipment, practices, terminology, and relevant laws. The examination is a four (4) hour, open book exam that consists of 100 questions.

<table>
<thead>
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<th>Subjects</th>
<th>No. of Items</th>
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<td>General Theory</td>
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<td>Chapter 1</td>
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<td>Chapter 3</td>
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<td>Safety</td>
<td>10</td>
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<td><strong>Total:</strong></td>
<td><strong>100</strong></td>
</tr>
</tbody>
</table>

Approved References
1. NFPA 70 - National Electrical Code, 2008
5. Industrial Motor Control, 1999, Herman
Those who have the knowledge and skill, to install, repair, alter, add to or change any electrical wires, fixtures, appliances, apparatus, raceways, conduit or any part thereof; which generates, transmits, transforms or utilizes electrical energy in any form for light, heat, power or communications, all in compliance with applicable plans, specifications, codes, laws and regulations.

Number of Questions 75
Time allowed (hours) 3
Subject Area # Quest.
General Electrical Knowledge 12
Communication Systems 3
Equipment for General Use 6
Motors & Controls 4
Plan Reading 4
Special Conditions 4
Special Equipment 3
Special Occupancies 2
Wiring & Protection 17
Wiring Methods & Materials 20

References


Master Electrician (Spanish) 2008

Those who have the knowledge and skill, to install, repair, alter, add to or change any electrical wires, fixtures, appliances, apparatus, raceways, conduit or any part thereof; which generates, transmits, transforms or utilizes electrical energy in any form for light, heat, power or communications, all in compliance with applicable plans, specifications, codes, laws and regulations.

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References
